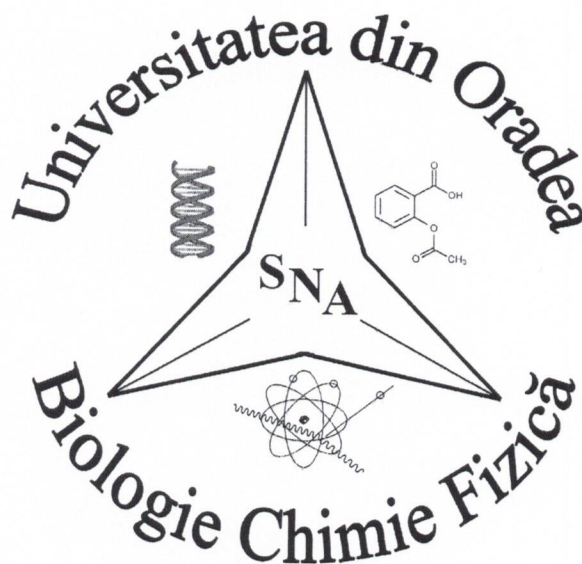


UNIVERSITATEA DIN ORADEA
FACULTATEA DE INFORMATICĂ ȘI ȘTIINȚE
DEPARTAMENTELE: BIOLOGIE, CHIMIE, FIZICĂ



RAPORT DE AUTOEVALUARE
AL CENTRULUI DE CERCETARE
ȘTIINȚE NATURALE APLICATE

pe perioada 2019 - 2023

ORADEA 2024

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Director / Persoană de contact:

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ORADEA 2024

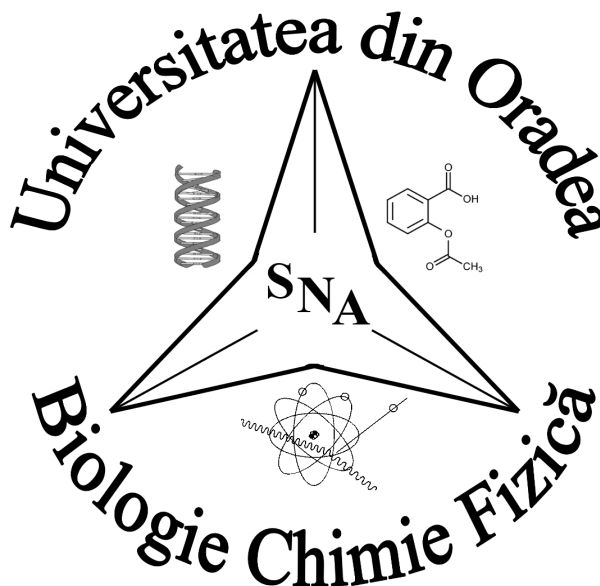
CUPRINS RAE (conform HG 551 / 2007)

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1. DATE DE AUTENTIFICARE / IDENTIFICARE ALE UNITĂȚII DE CERCETARE – DEZVOLTARE

1.1. DENUMIREA CENTRULUI DE CERCETARE

Centrul de Cercetare este denumit: „Centrul de Cercetare în Științe Naturale Aplicate” având acronimul SNA și sigla:



1.2. STATUTUL JURIDIC

Centrul de Cercetare în Științe Naturale Aplicate este constituit ca unitate academică de cercetare, fără personalitate juridică, în cadrul Facultății de Informatică și Științe din Universitatea din Oradea, în baza Hotărârii Senatului Universității.

1.3. ACTUL DE ÎNFIINȚARE

Universitatea din Oradea este înființată în forma juridică actuală, ca universitate de stat, în conformitate cu H.G. 460/1990. În forma organizatorică actuală, Centrul de Cercetare „Științe Naturale Aplicate” a fost înființat prin fuziunea interdisciplinară a trei centre de cercetare: „Centrul de Cercetări Biologice”, „Chimie Aplicată” și „Fizica Materialelor”, aparținând Facultății de Informatică și Științe, Universitatea din Oradea și acreditate instituțional la nivelul universității, aprobată în ședința Consiliului Facultății de Științe din data de 16.04.2013.

1.4. NR. DE ÎNREGISTRARE ÎN REGISTRUL POTENȚIALILOR CONTRACTORI

1155 (Universitatea din Oradea)

1.5. DIRECTOR GENERAL / DIRECTOR

Prof. univ. dr. LOREDANA MARCU, Universitatea din Oradea, Facultatea de Informatică și Științe, Departamentul de Fizică, tel. 0730 669 502, e-mail: loredana@marcunet.com

1.6. ADRESA

Universitatea din Oradea, Str. Universității, nr.1, Oradea, 410087, Facultatea de Informatică și Științe, Departamentul de Fizică, Pavilionul C.

1.7. TEL, FAX, PAGINA WEB, E-MAIL

Tel: 40259 408161 (Secretariat facultate)

Fax: 40259 408468

Web: www.uoradea.ro

2. DOMENIUL DE SPECIALITATE

2.1. CONFORM CLASIFICĂRII UNESCO (clasificarea internațională UNESCO pentru domeniile științei și tehnologiei):

22 FIZICĂ

- 2202 ELECTROMAGNETISM
- 2206 FIZICĂ MOLECULARĂ
- 2207 FIZICĂ ATOMICĂ ȘI MOLECULARĂ
- 2210 CHIMIA FIZICĂ
- 2211 FIZICA STĂRII SOLIDE
- 2299 ALTE SPECIALITĂȚI ÎN FIZICĂ

23 CHIMIE

- 2301 CHIMIA ANALITICĂ
- 2302 BIOCHIMIE
- 2303 CHIMIA ANORGANICA
- 2304 CHIMIA MACROMOLECULARA
- 2306 CHIMIA ORGANICA

24 ȘTIINȚELE VIETII

- 2401 BIOLOGIA ANIMALA
- 2405 BIOMETRIA
- 2406 BIOFIZICA
- 2407 BIOLOGIE CELULARA
- 2409 GENETICA
- 2413 BIOLOGIA INSECTELOR
- 2414 MICROBIOLOGIA
- 2415 BIOLOGIA MOLECULARA
- 2417 BOTANICA
- 2499 ALTE SPECIALITATI ÎN BIOLOGIE

25 ȘTIINȚELE PĂMÂNTULUI ȘI ALE SPAȚIULUI

- 2503 GEOCHIMIA

32 ȘTIINȚE MEDICALE

- 3201 ȘTIINȚE CLINICE
- 3209 FARMACOLOGIE

33 ȘTIINȚE TEHNOLOGICE

- 3303 INGINERIA SI TEHNOLOGIA CHIMICA

2.1. CONFORM CLASIFICĂRII CAEN:

58	581	Activități de editare a cărților, revistelor și altele
72	721	Cercetare-dezvoltare în științe naturale și inginerie
85	854	Învățământ superior
	856	Activități de servicii suport pentru învățământ

3. STAREA UNITĂȚII DE CERCETARE – DEZVOLTARE

3.1. MISIUNEA UNITĂȚII DE CERCETARE DEZVOLTARE, DIRECȚIILE DE CERCETARE, DEZVOLTARE, INOVARE

Activitatea de cercetare în cadrul centrului de cercetare SNA este parte integrantă a cercetării în cadrul Universității din Oradea și se desfășoară în concordanță cu prevederile Cartei Universității din Oradea și a reglementărilor interne (Regulamentul de organizare, funcționare și finanțare a cercetării științifice), fiind coordonată de către Consiliul Cercetării – la nivelul universității și de către Comisia de Cercetare – la nivelul facultății.

Misiunea centrului de cercetare SNA constă în cercetarea științifică academică fundamentală și aplicată în domeniile biologiei, chimiei și fizicii, având ca obiectiv obținerea unor rezultate valoroase cu impact internațional. În acest scop se propune armonizarea și integrarea cercetării locale cu direcțiile de cercetare naționale și europene specificate de agențiile CNCSIS respectiv CORDIS. Prin intermediul centrului de cercetare-dezvoltare se urmărește, pe de o parte, conjugarea eforturilor cercetătorilor din cadrul centrului dar și al universității în general, în vederea îndeplinirii obiectivelor fixate, iar pe de altă parte realizarea cadrului instituțional care să permită accesarea programelor de cercetare cu finanțare internă și externă (UEFISCDI, PC 7, etc.), cooperarea regională, europeană și internațională prin realizarea unor programe de cercetare comune, precum și dezvoltarea parteneriatului cu mediul economic. Fiind un centru de cercetare academică din cadrul universității, acesta oferă de asemenea și posibilitatea îndeplinirii scopului didactic instructiv-formativ, prin atragerea tinerilor cercetători studenți în activitatea de cercetare și participarea lor la realizarea unor proiecte sau grant-uri, într-un cadru instituțional organizat.

Direcții de cercetare în biologie:

- inițierea de culturi de celule vegetale și subcultivarea lor pe medii variate
- înlăturarea hiperhidriei din vitro cultură
- analizarea reactivității plantelor în vitro cultură, în condiții variate de mediu

- identificarea substraturilor optime de aclimatizare pentru plante
- stabilirea condițiilor optime pentru multiplicarea rapidă *in vitro* a speciilor de salcie și plop, cu scopul aclimatizării și obținerii de biomasă vegetală, ca sursă de energie
- micropropagarea, conservarea *in vitro* și aclimatizarea unor specii vegetale pe cale de dispariție,
- studiul organismelor acvatic (bentos, ihtiofaună) și a factorilor de mediu care-i influențează
- studii de enzimologie a solului
- studiul influenței apelor termale asupra biologiei și ecologiei amfibienilor
- cartarea faunei de amfibieni și reptile din țară
- cercetarea spectrului trofic al unor amfibieni, a hibridismului și fiziologiei acestora.

Direcții de cercetare în chimie:

- sinteza unor compuși anorganici cu structură complexă;
- sinteza și identificarea unor compuși organici și urmărirea mecanismelor de reacție;
- identificarea și dozarea unor compuși chimici organici și anorganici cu impact asupra mediului și organismelor vii, precum și dezvoltarea unor metode de recuperare și îndepărtare a lor,
- coroziunea, protecția anticorozivă, comportarea la coroziune și pasivare a unor sisteme metal/mediu, protecția anticorozivă cu ajutorul inhibitorilor și a stratelor de conversie;
- monitorizarea compoziției chimice a apelor geotermale și a apelor uzate rezultate din diverse procese tehnologice;
- identificarea și separarea unor compuși biologic activi prin metode cromatografice de înaltă performanță;
- aplicarea unor tehnici moderne de interferometrie cu laser în domeniul chimiei alimentare.

Direcții de cercetare în fizică:

- studii teoretice în radioterapie oncologică prin simularea Monte Carlo a creșterii tumorilor, modelarea tratamentelor radioterapeutice și studiul efectelor tratamentelor asupra comportamentului tumoral,
- studiul aspectelor dozimetrice în brahiterapia cancerelor de prostată,
- studii de biofizică moleculară și medicală: abordarea aspectelor de principiu în tehnici de voltage și patch - clamp, măsurarea curenților electrici printr-un singur canal ionic, imagerie confocală, cuplaj excitație-contrație în mușchiul striat,
- investigații spectroscopice ale unor complecși de interes biologic, prin metode spectroscopice: UV-VIS, FTIR, RAMAN, RES,
- imagistică medicală: PET/CT, IRM
- studiul proprietăților materialelor supraconductoare cu temperatura critică de tranziție ridicată (HTS), sub formă policristalină sau de filme subțiri,
- studiul proprietăților materialelor oxidice vitroase,
- studiul teoretic al proprietăților magnetice, optice și de transport în semiconductori, și semiconductori magnetici diluați.
- fenomene de transport de sarcină și de spin, spintronică și fenomene asociate.
- fenomene de transport în quantum-dot-uri, quantum-wire și nanotuburi de carbon, modelate folosind metode numerice, în particular metoda grupului de renormare numerică,
- modelarea teoretică și numerică a proprietăților sistemelor supraconductoare cu temperatură critică de tranziție ridicată,
- modelarea teoretică și numerică a structurii electronice a sistemelor puternic corelate,
- studiul structurii electronice a heterostructurilor semiconductoare și half-metalice
- studii dozimetrice asupra radonului,
- studierea in - situ a procesului de oxidare a aliajelor metalice în diferite condiții de temperatură și presiune,

- studii de metodică și didactică în predarea și învățarea fizicii, fizica și tehnologiile educaționale moderne.

3.2. MODUL DE VALORIFICARE A REZULTATELOR DE CERCETARE, DEZVOLTARE, INOVARE ȘI GRADUL DE RECUNOAȘTERE A ACESTORA

- publicarea de lucrări științifice în reviste de specialitate de înalt prestigiu științific, cu factor de impact ISI ridicat,
- publicarea de lucrări științifice în reviste de specialitate cotate ISI sau în BDI,
- participarea și prezentarea rezultatelor la conferințe științifice și simpozioane naționale și internaționale,
- elaborarea de cărți de specialitate / monografii și cursuri universitare legate în domeniile de cercetare ale centrului,
- realizarea de modele experimentale, teoretice sau de simulări pe calculator,
- elaborarea de studii și rapoarte de cercetare,
- organizarea în nume propriu sau în colaborare cu alte entități de cercetare din țară sau străinătate a unor conferințe, școli de vară, simpozioane,
- participarea la competiții de programe de cercetare-dezvoltare și grant-uri naționale și internaționale,
- realizarea de cercetări pentru mediul socio-economic și integrarea rezultatelor cercetării în alte domenii,
- susținerea publicării revistelor locale recunoscute: North Western Journal of Zoology (ISI), Analele Universității din Oradea - Fascicula Biologie (BDI),
- organizarea de cursuri și seminarii de perfecționare în domeniile de cercetare ale centrului, adresate atât studenților și tinerilor cercetători cât și personalului interesat din mediul școlar, academic sau economic,
- organizarea periodică a Conferinței Internaționale a Facultății de Științe.

3.3. SITUAȚIA FINANCIARĂ, DATORII LA BUGETUL DE STAT

Nu există.

4. CRITERII PRIMARE DE PERFORMANȚĂ

4.1. LUCRĂRI ȘTIINȚIFICE/TEHNICE PUBLICATE ÎN REVISTE DE SPECIALITATE COTATE ISI

4.1.1. Număr de lucrări științifice (Punctaj = nr. lucrări ISI x 30):

Punctaj: 15.690 puncte

4.1.2. Punctaj cumulativ ISI (Punctaj = suma factorilor ISI ai revistelor x 5):

Punctaj: 10.975 puncte

4.1.3. Număr de citări în reviste de specialitate cotate ISI (Punctaj = nr. Citări în reviste ISI (fără autocitări) x 30):

Punctaj: 68.760 puncte

Punctaj 4.1: 95.425 puncte

4.2. BREVETE DE INVENȚIE

4.2.1. Brevete de invenție (Punctaj = nr. brevete x 30):

Punctaj: 30 puncte

4.2.2. Număr de citări de brevete în sistemul ISI (Punctaj = nr. citări x 5):

Punctaj: -

Punctaj 4.2: 30 puncte

4.3. PRODUSE, TEHNOLOGII, STUDII, SERVICII

4.3.1. Număr de produse, tehnologii, studii, servicii (Punctaj = nr. produse x 20):

Punctaj: 20 puncte

Punctaj 4.3: 20 puncte

Total punctaj cap. 4: 95.475 puncte

Punctaj cap. 4 (criterii primare de performanță) / membru centru:

$$95.475 / 30 = 3183 \text{ puncte}$$

ANEXELE: 4.1.1. Număr de lucrări științifice publicate in reviste cotate ISI:

Nr. crt	Data publicării		Autor(i)	Titlul articolului	Revista ISI	ISSN	Factorul de impact al revistei
	An	Luna					
1.	2019	11	MIOARA SEBEȘAN, GABRIELA ELENA BADEA, RADU SEBESAN, KATALIN FODOR, SIMONA BUNGĂU*, CARMEN ELENA MELINTE (FRUNZULICA)	Physico-Chemical Monitoring Tests on Geothermal Water Production Wells – a Case Study	Revista de Chimie	0034-7752	1.605
2.	2019	2	GITEA, M.A., GITEA D., TIT D.M., PURZA L., SAMUEL A.D., BUNGĂU S., BADEA G.E., ALEYA, L.	Orchard Management under the Effects of Climate Change: Implications for Apple, Plum and Almond Growing	Environmental Science and Pollution Research	0944-1344 (Print) 1614-7499 (Online)	2.914
3.	2019	11	MIOARA SEBEȘAN, GABRIELA ELENA BADEA, RADU SEBESAN, KATALIN FODOR, SIMONA BUNGĂU*, CARMEN ELENA MELINTE (FRUNZULICA)	Physico-Chemical Monitoring Tests on Geothermal Water Production Wells – a Case Study	Revista de Chimie	0034-7752	1.605
4.	2019	2	GITEA, M.A., GITEA D., TIT D.M., PURZA L., SAMUEL A.D., BUNGĂU S., BADEA G.E., ALEYA, L.	Orchard Management under the Effects of Climate Change: Implications for Apple, Plum and Almond Growing	Environmental Science and Pollution Research	0944-1344 (Print) 1614-7499 (Online)	2.914
5.	2019	11	SANDA RODICA BOTA, ALINA CLAUDIA COZMA, ALINA MARIA CĂRĂBAN	Study about HPLC Method Elaboration and Validation for Acid Lactic Assay in Grape Juice Fermentation Process	Revista de Chimie	0034-7752	1.605
6.	2019	6	ROXANA LILIANA	Chemical Characterization of	Revista de Chimie	0034-7752	1.605

			STAN, BOGDAN SEVASTRE, ADRIANA CORINA HANGAN, SANDA BOTA , et al	Artemisia Annua I. Extract Assument of Antioxidant Activity in Vitro and in Vivo Toxicity Studies			
7.	2019	12	VESA, C.M., POPA, A.R., BUNGAU, S. , DAINA, L.G., BUHAS, C., JUDEA-PUSTA, C.T., PASCA B., DIMULESCU (NICA), I., ZAHA, D.C.	Exploration of insulin sensitivity, insulin resistance, early insulin secretion and β -cell function, and their relationship with glycated hemoglobin level in normal weight patients with newly diagnosed type 2 diabetes mellitus	Revista de Chimie	0034-7752	1.605
8.	2019	12	ALBASHER, G., ABDEL- DAIM, M.M., ALMEER, R., IBRAHIM, K.A., HAMZA, R.Z., BUNGAU, S. , ALEYA, L.	Synergistic antioxidant effects of resveratrol and curcumin against fipronil-triggered oxidative damage in male albino rats	Environmental Science and Pollution Research	0944-1344	2.914
9.	2019	11	REIL, P.M., MAGHIAR, T.T., SEIDL, K., BORZA, C., NUNKOO, V., BUHAS, C.L., BUNGAU, S. , STANESCU, A.M.A., POP, O.L., JUDEA PUSTA, C.T.	The role of Bcl2 protein and tumour protein p53 in septic cardiomyopathy	Revista de Chimie	0034-7752	1.605
10.	2019	11	POPA, A.R., JUDEA PUSTA, C.T., VESA, C.M., BUNGAU, S. , BUHAS, C.L., SAVA, C., DIMULESCU (NICA), I.A., ZAHA, D.C., BUSTEA, C.	Prediction models of albumin renal excretion in Type 2 Diabetes Mellitus patients	Revista de Chimie	0034-7752	1.605
11.	2019	12	OTRISAL, P., OBSEL, V., FLORUS, S., BUNGAU C., ALEYA, L., BUNGAU, S.	Protecting emergency workers and armed forces from volatile toxic compounds: applicability of reversible conductive polymer- based sensors in barrier materials	Science of the Total Environment	0048-9697	5.589
12.	2019	3	OTRISAL, P., DIACONU, C., BRATU, O., IONITA RADU, F., MELICHARIK, Z.,	New approaches regarding the protection forces' health against the effects of some toxic	Romanian Journal of Military Medicine	2345-5463	

			BUNGAU, S.G	substances			
13.	2019	10	IORGA, L., MARCU, R.D., DIACONU, C.C., STANESCU, A.M.A., PANTEA STOIAN, A., MISCHIANU, D.L.D., SURCEL, M., BUNGAU, S. , CONSTANTIN, T., BODA, D., FEKETE, L., BRATU, O.G.	Penile carcinoma and HPV infection (Review)	Experimental and Therapeutic Medicine	1792-0981	1.448
14.	2019	11	ELHELALY, A.E., ALBASHER, G., ALFARRAJAH, S., ALMEER, R., BAHBAH, E.I., FOU DA, M.M.A., BUNGAU, S.G. , ALEYA, L., ABDEL-DAIM, M.M.	Protective effects of hesperidin and diosmin against acrylamide-induced liver, kidney and brain oxidative damage in rats	Environmental Science and Pollution Research	0944-1344	2.914
15.	2019	10	SAMUEL, A.D. , BUNGAU, S. , FODOR, I.K., TIT, D.M., BLIDAR C.F. , DAVID A.T., MELINTE (FRUNZULICA), C.E.	Effects of liming and fertilization on the dehydrogenase and catalase activities	Revista de Chimie	0034-7752	1.605
16.	2019	9	EL-HAMID, M.I.A., ABD EL-FATAH, W.M., EL-MORSI, A.A., DRAZ, M.S., KALLAKURI, S., BUNGAU, S. , ENDRES, L., BARDACA (URDUCEA), C., HAFEZ, E.E.	Anti-HIV / HCV activity of cyanobacterial phycobiliproteins by a new standardized method using bacteriophage surrogates	Revista de Chimie	0034-7752	1.605
17.	2019	9	POPA, A.R., BUNGAU, S. , VESA, C.M., BONDAR, A.C., PANTIS, C., MAGHIAR, O., DIMULESCU (NICA), I.A., NISTOR-CSEPPENTO, D.C., RUS, M.	Evaluating the efficacy of the treatment with benfotiamine and alpha-lipoic acid in distal symmetric painful diabetic polyneuropathy	Revista de Chimie	0034-7752	1.605
18.	2019	9	GLEVITZKY, I., DUMITREL, G.A.,	Statistical analysis of the	Revista de Chimie	0034-7752	1.605

			GLEVITZKY, M., PASCA, B., OTRISAL, P., BUNGAU, S. , CIOCA, G., PANTIS, C., POPA, M.	relationship between antioxidant activity and the structure of flavonoid compounds			
19.	2019	10	SABAU, M., BUNGAU, S. , BUHAS, C.L., CARP, G., DAINA, L.-G., JUDEA-PUSTA, C.T., BUHAS, B.A., JURCA, C.M., DAINA, C.M., TIT, D.M.	Legal medicine implications in fibrinolytic therapy of acute ischemic stroke	BMC Medical Ethics	1472-6939	2.507
20.	2019	5	CSAKVARI, A.C., LUPITU, A., BUNGAU, S. , GITEA, M.A., GITEA, D., TIT, D.M., COPOLOVICI, L., NEMETH, S., COPOLOVICI, D.	Fatty acids profile and antioxidant activity of almond oils obtained from six romanian varieties	Farmacia	0014-8237	1.527
21.	2019	11	IACOB R.E., IACOB D., MOLERIU R.D., TIT D.M., BUNGAU S. , OTRISAL P., ALEYA S., JUDEA-PUSTA C., CIOCA G., BRATU O.G., ALEYA L., PETRE I.	Consequences of analgesics use in early pregnancy: results of tests on mice, 691 ,	Science of the Total Environment	0048-9697	5.589
22.	2019	8	JUDEA-PUSTA, C.T., BUNGAU, S. , BUHAS, C.L., POPA, A.R., VESA, C.M., BUHAS, B.A., BARDACA (URDUCEA), C., TIT, D.M., ABDEL-DAIM, M., JUDEA, A.S.	Experimental study upon the virulence of infectious microbial agents involved in violent deaths presenting septic states	Revista de Chimie	0034-7752	1.605
23.	2019	11	SCARNECIU, I., BUNGAU, S. , LUPU, A.-M., SCARNECIU, C.C., BRATU, O.G., MARTHA, O., TIT, D.M., ALEYA, L., LUPU, S.	Efficacy of instillation treatment with hyaluronic acid in relieving symptoms in patients with BPS/IC and uncomplicated recurrent urinary tract infections – long-term results of a multicenter study	European Journal of Pharmaceutical Sciences	0928-0987 (print); 1879-0720 (web)	3.532
24.	2019	12	BRATU, O.G., DIACONU, C.C.,	Therapeutic options in patients	Experimental and Therapeutic Medicine	1792-0981	1.448

			MISCHIANU, D.L.D., CONSTANTIN, T., STANESCU, A.M.A., BUNGAU, S.G. , IONITA- RADU, F., MARCU, R.D.	with biochemical recurrence after radical prostatectomy (Review)			
25.	2019	10	ZAHA, D.C., BUNGAU, S. , ALEYA, S., TIT, D.M., VESA, C.M., POPA, A.R., PANTIS, C., MAGHIAR, O.A., BRATU, O.G., FURAU, C., MOLERIU, R.D., PETRE, I., ALEYA, L.,	What antibiotics for what pathogens? The sensitivity spectrum of isolated str ains in an intensive care unit,	Science of the Total Environment	0048-9697	5.589
26.	2019	3	PURZA, L., ABDEL- DAIM, M., BELBA, A., IOVAN, C., BUMBU, A., LAZAR, L., BUNGAU, S. , TIT, D.M.,	Monitoring the effects of various combination of specific drug therapies at different stages of Alzheimer's dementia,	<i>Farmacia</i>	0014-8237	1.527
27.	2019	1	CRISAN, C., JUDEA- PUSTA, C.T., MIHALACHE, G., BUNGAU, S. , MAGHIAR, A.M., BUHAS, B.A., JUDEA, A.S., HLESCU, A.A., BUHAS, C.L.,	Difficulties and limits in forensic expertise of a fatal aircraft accident,	Romanian Journal of Military Medicine	2345-5463	
28.	2019	6	BUNGAU, S. , TIT, D.M., POPA, V.-C., SABAU, A., CIOCA, G.	Practices and attitudes regarding the employment of people with disabilities in Romania	<i>Quality – Access to success</i>	1582-2559	
29.	2019	4	TAMARGO SANTOS, B., BUNGAU, S. , FLEITAS PEREZ, C., MARQUEZ NAPOLES, Y., INFANTE BOURZAC, J.F., OLIVA HERNANDEZ, R., RAMIREZ GONZALEZ, W., CIOCA G., ALEYA, L., SIERRA GONZALEZ, V.G.	Immuno-toxicological evaluation of the adjuvant formulations for experimental anti-meningococcal vaccines without aluminium hydroxide	Revista de Chimie	0034-7752	1.605
30.	2019	4	YASSIN, A.M., EL-	Lectin from Pisum fulvum seeds	Revista de Chimie	0034-7752	1.605

			DEEB, N.M., ELSAID, F.G., SHATI, A.A., CIOCA G., TIT D.M., BUNGAU S. , POPA A., HAFEZ, E.E.	as in vitro anticancer and <i>apoptotic</i> gene regulator			
31.	2019	8	UIVAROSAN, D., TIT, D.M., IOVAN, C., NISTOR CSEPPENTO, D.C., ENDRES, L., LAZAR, L., SAVA, C., SABAU, A.M., BUHAS, C., MOLERIU, L.C., BUNGAU, S. , ALEYA, L.	Effects of combining modern recovery techniques with neurotrophic medication and standard treatment in stroke patients	Science of the Total Environment	0048-9697	5.589
32.	2019	7	DAINA, L.G., SABAU, M., DAINA, C.M., NEAMTU, C., TIT, D.M., BUHAS, C.L., BUNGAU, C., ALEYA, L., BUNGAU, S.	Improving performance of a pharmacy in a Romanian hospital through implementation of an internal management control system	Science of the Total Environment	0048-9697	5.589
33.	2019	1	BOGDAN, M., ENDRES, L., PASCA, B., TIT, D.M., UIVAROSAN, D., COPOLOVICI, D.M., ALEYA, L., BUNGAU, S.	Study on the stability and compatibility of the cosmetic products with Lavandula angustifolia oil kept in PPH polypropylene homopolymer plastic containers	Materiale Plastice	Print 0025-5289, Online 2668-822	1.393
34.	2019	1	GAREEB, R.Y., ELNOUBY, M.S., HASAN, M.A., TICU (COTORCEA), S. , POPA, A., BUNGAU, S. , HAFEZ, E.E.	New trend for using the reduced graphene oxide as effective and eco-friendly nematicide	Materiale Plastice	Print 0025-5289, Online 2668-822	1.393
35.	2019	1	PANAIT, D.E., JUFA, A.C., FLOROIAN, L., PASCU, A.M., BADEA, M., POPA, M., MACOCIAN, V.E., CIOCA, G., BUNGAU, S.	Electromagnetic pollution of the environment due leakage radiation from microwave ovens	Materiale Plastice	Print 0025-5289, Online 2668-822	1.393
36.	2019	3	ABDEL-DAIM, M.M., ALEYA, L., EL-BIALY, B.E., ABUSHOUK, A.I.	The ameliorative effects of ceftriaxone and vitamin E against	Environmental Science and Pollution Research	0944-1344	2.914

			ALKAHTANI, S., ... BUNGAU, S.G.	cisplatin-induced nephrotoxicity			
37.	2019	3	ABDEL-DAIM, M.M., ABUSHOUK, A.I., DONIA, T., ALARIFI, S., ALKAHTANI, S., ALEYA, L., BUNGAU, S.	The nephroprotective effects of allicin and ascorbic acid against cisplatin-induced toxicity in rats	Environmental Science and Pollution Research	0944-1344	2.914
38.	2019	3	CHELMEA, L., DI MODUGNO, F., SAMOTA, I., BOBESCU E., FLOROIAN, L., RESTANI, P., CIOCA, G., BUNGAU, S. , BADEA, M	New electrochemical detection strategies for iodinated compounds	Revista de Chimie	0034-7752	1.605
39.	2019	6	TAMARGO SANTOS, B., FLEITAS PEREZ, C., INFANTE BOURZAC, J.F., ... BUNGAU, S. , SIERRA GONZALEZ, V.G.	Remote induction of cellular immune response in mice by anti- meningococcal nanocochleates – nanoproteoliposomes	Science of the Total Environment	0048-9697	5.589
40.	2019	2	ZAHA, D.C., JURCA, C.M., BUNGAU, S. , CIOCA, G., POPA, A., SAVA, C., ENDRES, L., VESA, C.M.	Luminal versus non-luminal breast cancer CDH1 immunohistochemical expression	Revista de Chimie	0034-7752	1.605
41.	2019	2	MOISA C., LUPITU A., POP G., CHAMBRE D.R., COPOLOVICI L., CIOCA G., BUNGAU S. , COPLOVICID.M.	Variation of the chemical composition of Thymus vulgaris essential oils by phenological stages	Revista de Chimie	0034-7752	1.605
42.	2019	2	BUNGAU, S.G. , ABDEL- DAIM, M.M., TIT, D.M., GHANEM, E., SATO S., MARUYAMA-INOUE, M., YAMANE, S., KADONOSONO, K.	Health benefits of polyphenols and carotenoids in age-related eye diseases	Oxidative Medicine and Cellular Longevity	1942-0994	4.868
43.	2019	3	ALEYA, L., GRISEY, E., BOURIOUG, M., BOURGIADÉ, P., BUNGAU, S.	Proposed changes for post-closure monitoring of Etueffont landfill (France) from a 9-year survey	Science of the Total Environment	0048-9697	5.589
44.	2019	8	ABDEL-DAIM, M.M., AHMED, A., IJAZ, J.,	Influence of <i>Spirulina</i>	Environmental Science and Pollution Research	0944-1344	2.914

			ABUSHOUK, A.I., AHMED, H., NEGIDA, A., ALEYA, L., BUNGAU, S.	<i>platensis</i> and ascorbic acid on amikacin-induced nephrotoxicity in rabbits			
45.	2019	1	YEUNG, A.W.K., TZVETKOV, N., EL-TAWIL, O.S., BUNGAU, S.G. , ABDEL-DAIM, M.M., ATANASOV, A.G.	Antioxidants: scientific literature landscape analysis,	Oxidative Medicine and Cellular Longevity	1942-0994	4.868
46.	2019	1	TATARU, A.-L., FURAU, G., AFILON, J., IONESCU, C., DIMITRIU, M., BRATU, O.G., TIT, D.M., BUNGAU, S. , FURAU, C.	The situation of cervical cancers in the context of female genital cancers clustering and burden of disease in Arad County, Romania	Journal of Clinical Medicine	2077-0383	5.688
47.	2019	Ian-feb	Blidar, C.F. , Pop, I.F., Fenesi, B.	<i>In vitro</i> Allelopathy at <i>Sequoia sempervirens</i> (D. Don) Endl. and <i>Stevia rebaudiana</i> Bertoni	Romanian Biotechnological Letters, 24(1): 154-167	1224-5984 (Print) 2248-3942 (Electronic)	0.59
48.	2019	Mai-iun	Blidar, C.F. , Tripon, I.M., Ilea, C.	<i>In vitro</i> conservation of genetic resources of <i>Nymphaea lotus</i> var. <i>thermalis</i> (D.C.) Tuzs., en endangered plant species.	Romanian Biotechnological Letters, 24(3): 448-457	1224-5984 (Print) 2248-3942 (Electronic)	0.59
49.	2019	Octom brie	Samuel A.D., Bung[u, S., Fodor, I.K., Tit, D.M., Blidar, C.F. , David, A.T., Melinte, C.E.	Effect of liming and fertilization on the dehydrogenase and catalase activities	Revista de Chimie, 70(10): 3464-3468,	2668-8212 on line 0034-7752 print	1.605
50.	2019	Octom brie	Pop, DZ; Dordea, DN; Cicort-Lucaciu, AS; Covaciu-Marcov, SD; Sara, F.	A hot-spot of native terrestrial isopods in an urban area in the Carpathians, Herculane Spa: an emergence of the past into the present.	SPIXIANA 42(2): 219-228.	0341-8391	0.375
51.	2019	iunie	Teodor, LA., Ferenti, S., Covaciu-Marcov, SD.	Weevils dies in vain: understanding the messages from road-killed weevils (Coleoptera: Curculionoidea).	Coleopterists Bulletin 73(2): 359-368.	Print 0010-065X Online 1938-4394	0.697
52.	2019	octombr ie	Samuel, A.D. ; Bungau, S.; Fodor, I.K.; Tit,D.M.;	Effects of liming and fertilization on the dehydrogenase and catalase	Revista de chimie, 70(10): 3464-3468	2668-8212 on line	1.605

			Blidar C.F.; David A.T.; Melinte, E.C.; 2019,	activities.		0034-7752 print	
53.	2019	aprilie	Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.	Orchard management under the effects of climate change: implications for apple, plum, and almond growing	Environmental Science And Pollution Research	0944-1344 (Print) 1614-7499 (Online)	2.914
54.	2019		L. Marcu , D. Marcu	The role of hypofractionated radiotherapy in the management of head and neck cancer - a modelling approach	J Theor Biol 482C: article no. 109998		1.875
55.	2019		J. Forster, L. Marcu , E. Bezak	Approaches to combat hypoxia in cancer therapy and the potential for in silico models in their evaluation	Physica Medica 64:145-156		2.532
56.	2019		L. Marcu , J. Forster, E. Bezak	The potential role of radiomics and radiogenomics in patient stratification by tumor hypoxia status	J American College Radiol 16(9PB):1330-1338		3.785
57.	2019		L. Marcu , C. Boyd, E. Bezak	Feeding the data monster: data science in head and neck cancer for personalized therapy	J American College Radiol 16(12):1695-1701		3.785
58.	2019		P. Reid, L. Marcu , I. Olver, L. Moghaddasi, A. Staudacher, E. Bezak	Diversity of cancer stem cells in head and neck carcinomas: the role of HPV in cancer stem cell heterogeneity, plasticity and treatment response.	Radiotherapy & Oncology 135:1-12		5.252
59.	2019		M. Huynh, L. Marcu , E. Giles, M. Short, D. Matthews, E. Bezak	Are further studies needed to justify the use of proton therapy for paediatric cancers of the central nervous system?	Radiotherapy & Oncology 133:140-148		5.252
60.	2019		Moca, C.P., Chirla, R., Dóra, B., Zaránd, G.	Quantum Criticality and Formation of a Singular Fermi Liquid in the Attractive SU (N>2) Anderson Model	Physical Review Letters 123(13),136803		9.227
61.	2019		Werner, M.A., Moca, C.P., Legeza, Ö., Kormos, M., Zaránd, G.	Spin fluctuations after quantum quenches in the S=1 Haldane chain: Numerical validation of the semi-semiclassical theory	Physical Review B 100(3),035401		3.736
62.	2019		Shapir, I., Hamo, A., Pecker, S., (...), Zarand, G., Ilani, S.	Imaging the electronic Wigner crystal in one dimension	Science 364(6443), pp. 870-875		41.063

63.	2020		L. Marcu	Imaging biomarkers of tumour proliferation and invasion for personalised lung cancer therapy	Journal of Personalized Medicine 10(4):222		4.433
64.	2020		P. Reid, A. Staudacher, L. Marcu , I. Olver, L. Moghaddasi, M. Brown, Y. Li, E. Bezak	Intrinsic radiosensitivity is not the determining factor in treatment response differences between HPV negative and HPV positive head and neck cancers	Cells 9(8):1788		4.366
65.	2020		H.Y. Wong, L. Marcu , E. Bezak, N. Parange	Review of health economics of point-of-care testing worldwide and its efficacy of implementation in the primary health care setting in remote Australia	Risk Management and Healthcare Policy 13:379-386		2.429
66.	2020		A. Dinu, T. Flonta, L. Marcu	The impact of breast irradiation using thermoplastic mask on treatment delivery and acute effects	Romanian Reports in Physics 72(2), 603		2.147
67.	2020		P. Reid, A. Staudacher, L. Marcu , I. Olver, L. Moghaddasi, M. Brown, E. Bezak	Influence of the human papillomavirus on the radio-responsiveness of cancer stem cells in head and neck cancers	Scientific Reports 10, 2716		3.998
68.	2020		L. De Courcy, E. Bezak, L. Marcu	Gender-dependent radiotherapy: the next step in personalised medicine?	Critical Reviews in Oncol/Hematol 147: article no. 102881		5.833
69.	2020		G. Barabino, M. Frize, F. Ibrahim, E. Kaldoudi, L. Lhotska, L. Marcu , M. Stoeva, V. Tsapaki, E. Bezak	Solutions to gender balance in STEM fields through Support, Training, Education and Mentoring – report of the International Women in Medical Physics and Biomedical Engineering Task Group	Science & Engineering Ethics 26:275-292		2.787
70.	2020		R. Al Darwish, L. Marcu , E. Bezak	Overview of current applications of the Timepix detector in spectroscopy, radiation and applied physics	Applied Spectroscopy Reviews 55(3):243-261		5.074
71.	2020		Bacsi, A., Moca, C.P., Zarand, G., Dora, B.	Vaporization Dynamics of a Dissipative Quantum Liquid	Physical Review Letters 125(26),266803		8.385
72.	2020		Scherübl, Z., Fülöp, G., Moca, C.P., (...), Zaránd, G., Csonka, S.	Large spatial extension of the zero-energy Yu–Shiba–Rusinov state in a magnetic field	Nature Communications 11(1),1834		12.121
73.	2020		Werner, M.A., Moca,	Quantum quench and charge	Physical Review B		3.575

			C.P., Legeza, Ö., Zaránd, G.	oscillations in the SU(3) Hubbard model: A test of time evolving block decimation with general non-Abelian symmetries	102(15),155108		
74.	2020		Sticlet, D., Moca, C.P., Dóra, B.	All-electrical spectroscopy of topological phases in semiconductor-superconductor heterostructures	Physical Review B 102(7),e075437		3.575
75.	2020		Moca, C.P., Izumida, W., Dóra, B., (...), Asbóth, J.K., Zaránd, G.	Topologically Protected Correlated End Spin Formation in Carbon Nanotubes	Physical Review Letters 125(5),056401		8.385
76.	2020		Dóra, B., Moca, C.P.	Quantum Quench in P T - Symmetric Luttinger Liquid	Physical Review Letters 124(13),136802		8.385
77.	2020		Bácsi, Á., Moca, C.P., Dóra, B.	Dissipation-Induced Luttinger Liquid Correlations in a One-Dimensional Fermi Gas	Physical Review Letters 124(13),136401		8.385
78.	2020		A. Östlin, Y. Zhang, H. Terletska, F. Beiușeanu, V. Popescu, K. Byczuk, L. Vitos, M. Jarrell, D. Vollhardt, and L. Chioncel	AB INITIO TYPICAL MEDIUM THEORY OF SUBSTITUTIONAL DISORDER	Phys. Rev. B 101, 014210		3.575
79.	2020	aprilie	Stanasel, O.D., Bota, S.R., Stanasel, I., Blidar, C.F., Serban, G.	Optimization by experimental design of Cooper absorption on natural clay	Revista de Chimie	2668-8212 on line 0034-7752 print	1.755
80.	2020	feb	Cicort-Lucaciu, AS; Cupsa, D; Sucea, FN; Ferenti, S; Covaciu-Marcov, SD	Litter-dwelling invertebrates in natural and plantation forests in the southern Carpathians, Romania	Baltic Forestry	1392-1355	0.772
81.	2020	iulie	Cicort-Lucaciu, AS	Road-killed ground beetles prove the presence of <i>Carabus hungaricus</i> (Coleoptera: Carabidae) in North-Western Romania.	Nature Conservation Research	2500-008X	0.283
82.	2020	iulie	Covaciu-Marcov, SD; Popovici, PV; Cicort-Lucaciu, AS; Sas-Kovacs, I; Cupsa, D; Ferenti, S	Herpetofauna diversity in the middle of the Southern Carpathians: data from a recent survey (2016-2018) in Cozia National Park	Eco Mont-Journal On Protected Mountain Areas Research	ISSN 2073-106X print version – ISSN 2073-	0.667

				(Romania).		1558	
83.	2020	aprilie	Covaciu-Marcov, SD; Cicort-Lucaciu, AS; Pop, DR; Lucaci, BI; Ferenti, S	More road-killed Caspian Whipsnakes (<i>Dolichophis caspius</i>): an update on the species distribution along the Danube, in Romania.	Amphibian & Reptile Conservation	1083 – 446x	1.133
84.	2020	mai	Ile, G.A., Maier, A.R.M., Cadaru, A.M., Covaciu- Marcov, S.D., Ferenti, S.	Dead snakes and their stories: morphological anomalies, assymetries and scars of road killed <i>Dolichophis caspius</i> (Serpentes, Colubridae) from Romania.	Herpetozoa	2682-955X (online) 1013-4425 (print)	0.643
85.	2020	6	Bungau S., Behl T., Tit D.M., Banica F., Bratu O.G., Diaconu C.C., Nistor-Cseppento C.D., Bustea C., Corb Aron R.A., Vesa C.M.	Interactions between leptin and insulin resistance in patients with prediabetes, with and without NAFLD	Exp. Ther. Med	1792-1015 1792-0981	1.785
86.	2020	10	Bărdacă Urducea C., Nechifor A.C., Dimulescu I.A., Oprea O., Nechifor G., Totu E.E., Isildak I., Albu P.C., Bungău S.G.	Control of Nanostructured Polysulfone Membrane Preparation by Phase Inversion Method	Nanomaterials	2079-4991	4.324
87.	2020	10	Behl T., Bungau S*, Kumar K., Zengin G., Khan F., Kumar A., Kaur R., Venkatachalam T., Tit D.M., Vesa C.M., Barsan G., Mosteanu D.E.	Pleotropic Effects of Polyphenols in Cardiovascular System	Biomed. Pharmacother	0753-3322	4.545
88.	2020	11	Behl T., Chadha S., Kumar A., Hafeez A., Mehta V., Bungau S.	Ubiquitination in rheumatoid arthritis	Life Sciences	0024-3205	3.607
89.	2020	11	Behl T., Kaur I., Sehgal A., Kumar A., Uddin M.S., Bungau S. Molec. Neurobiol.	The Interplay of ABC Transporters in A β Translocation and Cholesterol Metabolism: Implicating their Roles in Alzheimer's Disease.	Molec. Neurobiol.	0272-4340	4.5
90.	2020	12	Behl T., Kaur I., Sehgal A., Zengin G., Brisc C., Brisc M.C., Munteanu M.A., Nistor-Cseppento D.C., Bungau S.	The lipid paradox as a metabolic checkpoint and its therapeutic significance in ameliorating the associated cardiovascular risks in rheumatoid arthritis patients.	Int. J. Mol. Sci.	1422-0067	4.556

91.	2020	8	Behl T., Sharma A., Sharma L., Sehgal A., Zengin G., Brata R., Fratila O., Bungau S.	Exploring the Multifaceted Therapeutic Potential of Withaferin A and its Derivatives.	Biomedicines	2227-9059	4.717
92.	2020	11	Chandra H., Singh C., Kumari P., Yadav S., Mishra A.P., Laishevtcev A., Brisc C., Brisc M.C., Munteanu M.A., Bungau S.	Promising Roles of Alternative Medicine and Plant-Based Nanotechnology as Remedies for Urinary Tract Infections	Molecules	1420-3049	3.267
93.	2020	10	Gheorghe G., Bungau S.*, Ilie M., Behl, T., Vesa C.M., Brisc C., Bacalbasa, N., Turi V., Costache R.S., Diaconu C.C.	Early Diagnosis of Pancreatic Cancer: The Key for Survival.	Diagnostics	2075-4418	3.11
94.	2020	10	Glevitzky M., Aleya L., Vica M.L., Dumitrel G.-A., Avram M., Tit D.M., Popa M., Popa V.-C., Behl T., Bungau S.*	Assessing the microbiological contamination along with environmental factors of old books in the 1490-founded Bistrița Monastery, Romania	Environ Sci Pollut Res	2375-4397	3.056
95.	2020	11	Mukhtar M., Bilal M., Rahdar A., Barani M., Arshad R., Behl, T., Brisc C., Banica F., Bungau S.	Nanomaterials for Diagnosis and Treatment of Brain Cancer: Recent Updates.	Chemosensors	2227-9040	3.108
96.	2020	10	Makkar R., Behl T., Kumar A., Uddin M.S., Bungau S.	Untying the correlation between apolipoproteins and rheumatoid arthritis.	Inflammation Research.	1178-7031	3.147
97.	2020	11	Rana T., Behl T., Sehgal A., Srivastava P., Bungau S.	Unfolding the Role of BDNF as a Biomarker for Treatment of Depression.	J Molec. Neurosci.	1097-4547	2.678
98.	2020	12	Sharma I., Behl T., Bungau S., Sachdeva M., Kumar A., Zengin G.	Understanding the role of inflammasomes in angina pectoris.	Current Protein & Peptide Science	1875-5550	2.52
99.	2020	10	Behl T., Kaur I., Fratila O., Brata R., Bungau, S*.	Exploring the Potential of Therapeutic Agents Targeted towards Mitigating the Events Associated with Amyloid- β Cascade in Alzheimer's Disease.	Int. J. Mol. Sci.	1422-0067	4.556
100.	2020		Shah S.A.A., Hassan S.S., Bungau S.*, Si Y., Xu H., Rahman M.H., Behl T.,	Chemically Diverse and Biologically Active Secondary Metabolites from Marine Phylum	Mar. Drugs	1660-3397	4.073

			Gitea D., Pavel F.-M., Corb Aron,R.A., Pasca B., Nemeth S.	chlorophyta.			
101.	2020	8	Negrut N., Bungau S.*, Behl T., Khan S.A., Vesa C.M., Bustea C., Nistor-Cseppento D.C., Rus M., Pavel F.-M., Tit D.M.	Risk Factors Associated with Recurrent Clostridioides difficile Infection.	Healthcare	2227-9032	1.916
102.	2020	10	Makkar R., Behl T., Kumar A., Uddin M.S., Bungau S.	Untying the correlation between apolipoproteins and rheumatoid arthritis	Inflamm. Res.	1178-7031	3.174
103.	2020	9	Pantea-Roşan L.R., Pantea V.A., Bungau S*,e., Tit D.M., Behl T., Vesa C.M., Bustea C., Moleriu R.D., Rus M., Popescu M.I., Turi V., Diaconu C.C.	No-Reflow after PPCI—A Predictor of Short-Term Outcomes in STEMI Patients.	J. Clin. Med.	2077-0383	3.303
104.	2020	9	Nijhawan P., Behl T., Bungau S., Uddin M.S., Zengin G., Arora S.	Molecular insights into therapeutic promise of targeting of Wnt/ β -catenin signaling pathway in obesity	Molecular Biology Reports	1573-4978	1.402
105.	2020	8	Behl T., Kaur G., Bungau S.*,e, Jhanji R., Kumar A., Mehta V., Zengin G., Brata R., Hassan S.S., Fratila O.	Distinctive Evidence Involved in the Role of Endocannabinoid Signalling in Parkinson's Disease: A Perspective on Associated Therapeutic Interventions	Int. J. Mol. Sci.	1422-0067	4.556
106.	2020	11	Chadha S., Behl T., Bungau S., Kumar A., Arora R., Gupta A., Uddin M.S., Zengin G., Aleya L., Setia D., Arora S.	Mechanistic insights into the role of pyroptosis in rheumatoid arthritis	Current Research in Translational Medicine	2452-3186	2.375
107.	2020		Vesa C.M., Behl T., Nemeth S., Bratu O.G., Diaconu C.C., Moleriu R.D., Negrut N., Zaha D.C., Bustea C., Ionita Radu F., Bungau S.	Prediction of NAFLD occurrence in prediabetes patients.	Exp. Ther. Med.	1792-1015 1792-0981	1.785
108.	2020	8	Uddin M.S., Kabir M.T., Tewari D., Al Mamun A., Barreto G.E., Bungau S.G., Bin-Jumah M.N., Abdel-	Emerging Therapeutic Promise of Ketogenic Diet to Attenuate Neuropathological Alterations in Alzheimer's Disease	Molec. Neurobiol.	0893-7648	4.5

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109.	2020	7	Uivaraseanu B., Bungau S.*, Tit D.M., Fratila O., Rus M., Maghiar T.A., Maghiar O., Pantis C., Vesa C.M., Zaha D.C.	Clinical, pathological and microbiological evaluation of diabetic foot syndrome.	Medicina	1648-9144	1.205
110.	2020	10	Kaur I., Behl T., Bungau S., Kumar A., Mehta V., Setia D., Uddin M.S., Zengin G., Aleya L., Arora S.	Exploring the Therapeutic Promise of Targeting HMGB1 in Rheumatoid Arthritis	Life Sciences	2372-613X	3.607
111.	2020	7	Makkar R., Behl T., Bungau S., Kumar A., Arora S.	Understanding the role of inflammasomes in rheumatoid arthritis	Inflammation	1573-2576	3.212
112.	2020	9	Kaur I., Behl T., Bungau S., Zengin G., Kumar A., El-Sawi M.A., Khullar G., Venkatachalam, T., Arora S.	The endocannabinoid signaling pathway as an emerging target in pharmacotherapy, earmarking mitigation of destructive events in rheumatoid arthritis	Life Sciences	2372-613X	3.647
113.	2020	7	Gheorghe G., Toth P.P., Bungau S*, Behl T., Ilie M., Pantea Stoian A., Bratu O.G., Bacalbasa N., Rus M., Diaconu C.C.	Cardiovascular Risk and Statin Therapy Considerations in Women	Diagnostics	2075-4418	3.11
114.	2020	9	Behl T., Kaur I., Bungau S.*, Kumar A., Uddin M.S., Kumar C., Pal G., et al., Life Sciences	The dual impact of ACE2 in COVID-19 and ironical actions in geriatrics and pediatrics with possible therapeutic solutions	Life Sciences	2372-613X	3.647
115.	2020	7	Banica F., Bungau S.*,e, Tit D.M., Behl T., Otrisal P., Nechifor A.C., Gitea D., Pavel F.-M., Nemeth S., Processes	Determination of the total polyphenols content and antioxidant activity of Echinacea purpurea extracts using newly manufactured glassy carbon electrodes modified with carbon nanotubes	Processes	2227-9717	2.753
116.	2020	7	Uddin M.S., Al Mamun A., Sumsuzzman D.M., Ashraf G.M., Perveen A., Bungau S.G., Mousa S.A., El-Seedi H.R., Bin-Jumah M.N., Abdel-Daim M.M.	Emerging Promise of Cannabinoids for the Management of Pain and Associated Neuropathological Alterations in Alzheimer's Disease	Front. Pharmacol.	1663-9812	4.225
117.	2020	6	Abdel-Daim M.M., Abo	Protective effects of thymoquinone	Environ Sci Pollut Res.	1614-7499	3.056

			El-Ela F.I., Alshahrani F.K., Bin-Jumah M., Al-Zharani M., Almutairi B., Alyousif M.S., Bungau S., Aleya L., Alkahtani S.	against acrylamide-induced liver, kidney and brain oxidative damage in rats.			
118.	2020	7	Kabir M.T., Uddin M.S., Hossain M.F., Abdulhakim J.A., Alam M.A., Ashraf G.M., Bungau S., Bin-Jumah M.N., Abdel-Daim M.M., Aleya L.	nCOVID-19 Pandemic from Molecular Pathogenesis to Potential Investigational Therapeutics	Front. Cell Dev. Biol.	2296-634X	5.201
119.	2020	6	Makkar R., Behl T., Bungau S.*e, Zengin G., Mehta V., Kumar A., Uddin M.S., Ashraf G.M., Abdel-Daim M.M., Arora S., Oancea R.	Nutraceuticals in Neurological Disorders	Int. J. Molecular Sci.	1422-0067	4.556
120.	2020	1	Motorca M.A., Buhas C.L., Bungău S.G.*, Judea-Pusta C.T., Nicula C.A., Rus M., Stănescu A.M.A., Venter A.C., Diaconu C.C., Marian P.	The morphological characteristics of the physically abused children. Report of a case and literature review	Rom. J. Morphol. Embriol.	2066-8279	1.411
121.	2020	6	Das S.S., Bharadwaj P., Bilal M., Barani M., Rahdar A., Taboada P., Bungau S.e, Kyzas G.Z.	Stimuli-Responsive Polymeric Nanocarriers for Drug Delivery, Imaging, and Theragnosis	Polymers	2073-4360	3.426
122.	2020	2	Glevitzky I., Dumitrel G.-A., Glevitzky M., Bungau S., Popa M.	Aspects Concerning the Management of Groundwater in the Farau Area – Alba County, Romania	J. Environ. Prot. Ecol.	1311-5065	0.692
123.	2020	6	Morgovan C., Cosma S., Valeanu M., Juncan A.M., Rus L.L., Gligor F.G., Butuca A., Tit D.M., Bungau S.e, Ghibu S.	An exploratory research of 18 years on the economic burden of diabetes for the Romanian National Health Insurance System	Int. J. Environ. Public Health	1660-4601	2.849
124.	2020	6	Turi V., Dragan S., Iurciuc M., Moleriu L.C., Bungau S.*e, Tit D.M., Toader D.-O., Diaconu C.C., Behl T., Petre I.	Arterial Function in Healthy Pregnant Women vs. Non-Pregnant Women—A 10-Year Study	Diagnostics	2075-4418	3.11

125.	2020	5	Negrut N., Nistor-Csepento D.C., Khan S.A., Pantis C., Maghiar T.A., Maghiar O., Aleya S., Rus M., Tit D.M., Aleya L., Rahdar A., Bungau S.*	Clostridium difficile infection epidemiology over a period of 8 years – a single centre study	Sustainability	2071-1050	2.576
126.	2020	5	Laslo C.L., Bacalbaşa N., Stănescu A.M.A., Carsote M., Bungău S., Rus M., Bratu O.G., Diaconu C.C.	New oral anticoagulants – possible extension to other indications (Review)	Exp. Ther. Med.	1792-1015 1792-0981	1.785
127.	2020	5	Iorga R.A., Bacalbaşa N., Carsote M., Bratu O.G., Stănescu A.M.A., Bungău S., Pantiş C., Diaconu C.C.	Metabolic and cardiovascular benefits of GLP-1 agonists, besides the hypoglycemic effect (Review)	Exp. Ther. Med.	1792-1015 1792-0981	1.785
128.	2020	5	Sivasankarapillai V.S., Madhu Kumar Nair R., Rahdar A., Bungau S.e, Zaha D.C., Aleya L., Tit D.M.	Overview of the anticancer activity of Withaferin A, an active constituent of the Indian Ginseng Withania somnifera	Environ. Sci. Pollut. Res.	1614-7499	3.056
129.	2020	2	Moisi M., Vesa C.M., Bungau S., Tit D.M., Corb Aron R.A., et al	Acute kidney injury incidence and models for mortality prediction in acute coronary syndromes	Rom. J. Mil. Med.	2501-2312	
130.	2020	2	Negrut N., Khan S.A., Bungau S., Zaha C., et al	Diagnostic challenges in gastrointestinal infections	Rom. J. Mil. Med.	2501-2312	
131.	2020	1	Ginghina R.E., Bojin D., Tigănescu T.V., Petrea N., Bungau S et al	Research on the efficiency of testing a new adsorbent material with cellulose structure for the depollution of waste water	Mater. Plast.	0025-5289	1.517
132.	2020	4	Oana Delia Stănăşel, Sanda Rodica Bota, Iulian Stănăşel, Cristian Felix Blidar, Georgeta Şerban	Optimization by experimental design of copper adsorption on natural clay	Revista de Chimie	0034-7752	1.605
133.	2020	4	Popa A.R., Fratila O., Rus M., (...) Bungau S.*, Nemeth S.	Risk factors for adiposity in the urban population and influence on the prevalence of overweight and obesity	Exp. Ther. Med.	1792-1015 1792-0981	1.785
134.	2020	4	Zaha D.C., Vesa C., Uivarosan D., Bratu O., Fratila O., Tit D.M., Pantis C., Diaconu C.C., Bungau	Influence of inflammation and adipocyte biochemical markers on the components of metabolic syndrome	Exp. Ther. Med.	1792-1015 1792-0981	1.785
135.	2020	4	Spinu A.D., Bratu O.G.,	Botulinum toxin in low urinary tract	Exp. Ther. Med.	1792-1015	1.785

			Diaconu C.C., Stanescu Ama, Bungau S., et al	disorders - over 30 years of practice (Review)		1792-0981	
136.	2020	1	Spinu A.D., (...), Bungau S., et al	Underactive bladder - an underestimated entity	J. Mind Med. Sci.	2392-7674	
137.	2020	4	Otrisal P., Friess K., Urban M., Bungau S.e, (...) Bungau C., Aleya L.	Barrier properties of anti-gas military garments, considering exposure to gas organic compounds	Sci. Tot. Environ.	0048-9697	6.551
138.	2020	3	Moisi M.I., Rus M., Bungau S.* [€] , et al	Acute coronary syndromes in chronic kidney disease: clinical and therapeutic characteristics	Medicina	1648-9144	1.205
139.	2020	2	Zaha D.C., Bungau S.* ^e , Uivarosan D., Tit D.M., Maghiar T.A., Maghiar O., Pantis C., Fratila Oet al	Antibiotic consumption and microbiological epidemiology in surgery departments: results from a single study center	Antibiotics-Basel	2079-6382	3.893
140.	2020	2	Borioug M., Ezzaza K., Bouabid R., Alaoui-Mhamdi M., Bungau S., Bourgeade P., et al	Influence of hydro- and osmo-priming on sunflower seeds to break dormancy and improve crop performance under water stress	Environ. Sci. Pollut. Res.	1614-7499	3.056
141.	2020	1	Alkahtane A.A., Ghanem E., Bungau S.G., Alarifi S., Ali D., Albasher G., Alkahtani S., et al	Carnosic acid alleviates chlorpyrifos-induced oxidative stress and inflammation in mice cerebral and ocular tissues	Environ. Sci. Pollut. Res.	1614-7499	3.056
142.	2020	1	Abdel-Daim M.M., Abushouk A.I., Bahbah E.I., Bungau S.G., et al	Fucoidan protects against subacute diazinon-induced oxidative damage in cardiac, hepatic, and renal tissues	Environ. Sci. Pollut. Res.	1614-7499	3.056
143.	2020	2	Uivarosan D., Bungau S.*[€] , Tit D.M., Moisa C., Fratila O., et al	Financial burden of stroke reflected in a pilot centre for the implementation of thrombolysis	Medicina	1648-9144	1.205
144.	2020	1	Ilea C.D.N., Daina L., Bungau S.e, Tit D.M., Uivarosan D., Moleriu L., Petre I., Bungau C., et al	Sustainable management, instable legislation regarding the wages, and employee satisfaction / motivation in two Romanian hospitals	Sustainability	2071-1050	2.576
145.	2020	2	Aleissa M.S., Alkahtani S., Abd Eldaim M.A., Ahmed A.M., Bungau S.G., et al	Fucoidan ameliorates oxidative stress, inflammation, DNA damage and hepatorenal injuries in diabetic rats intoxicated with aflatoxin B1	Oxid. Med. Cell. Longev.	1942-0994	5.76
146.	2020	2	Codrean A., Dumitrascu D.L., Codrean V., Tit D.M., Bungau S.e, et al	Epidemiology of human giardiasis in Romania: a 14 years survey	Sci. Tot. Environ.	0048-9697	6.551
147.	2020	1	Abdel-Daim M.M., Abushouk A.I., Bungau	Protective effects of thymoquinone and diallyl sulphide against	Environ. Sci. Pollut. Res.	1614-7499	3.056

			S.G., Bin-Jumah M., et al	malathion-induced toxicity in rats			
148.	2021	12	Negru, P.A., Bota, S.R., Stanasel, O.D., Blidar, C.F., Serban, G.,	Molecular docking studies on phenolic constituents of <i>Anethum graveolens</i> L. seed extracts.	Pharmaceutical Research International	2456-9119	0
149.	2021	12	Bota, S.R., Stănăşel, O.D., Blidar, C.F., Şerban, G.,	Phenolic constituents of <i>Anethum graveolens</i> seed extracts: chemical profile and antioxidant effect studies	Pharmaceutical Research International	2456-9119	0
150.	2021	08	Cicort-Lucaciu, AS; Herlo, GL	Habitats for large branchiopods in the agricultural landscape of the mures floodplain natural park: how long will they last?	Crustaceana	0011-216X	0,529
151.	2021	03	Cupşa, D., Telcean, I.-C., Maier, A.-R.-M., Cadar, A.-M., Covaciu-Marcov, S.-D., Ferenti, S.	More common than previously considered: New data on the distribution of <i>Umbra krameri</i> in the Jiu River floodplain, Romania. 37(3): 483-486	Journal of Applied Ichthyology	0175-8659	0,892
152.	2021	07	Groza, M. I., Cupsa, D., Lovrencic, L., Maguire, I.,	First record of the stone crayfish in the Romanian lowlands.,	Knowledge and Management of Aquatic Ecosystems	1961-9502	1.677
153.	2021	04	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Expatriating the impact of anthropogenic aspects and climatic factors on long-term soil monitoring and management	Environmental science and pollution research	0944-1344	4.223
154.	2021	01	Samuel, A.D.; Mondici, S.; Brejea, R.;	Evaluation of soil enzyme activities under different croplands.	Romanian Agricultural Research	1222-4227	0.5
155.	2021		Moca CP, Dora B	Universal conductance of a PT - symmetric Luttinger liquid after a quantum quench.	Phys Rev B, 104(12):125124		4.036
156.	2021		Moca, C.P., Weymann, I., Werner, M.A., Zaránd, G.	Kondo Cloud in a Superconductor.	Physical Review Letters 127(18):186804		9.161
157.	2021		Dóra, B., Sticlet, D., Moca, C.P.	Non-Hermitian Lindhard function and Friedel oscillations.	Physical Review B 104(12):125113		4.036
158.	2021		L. Marcu, D. Marcu.	Current omics trends in personalised head and neck cancer chemoradiotherapy.	Journal of Personalized Medicine 1(11):1094		4.945
159.	2021		N. Buciuman, L. Marcu.	Dosimetric justification for the use of volumetric modulated arc therapy in head and neck cancer - a	Laryngoscope Investigative Otolaryngology		2.458

				systematic review of the literature.	6(5):999-1007		
160.	2021		P. Reid, A. Staudacher, L. Marcu, I. Olver, L. Moghaddasi, M. Brown, E. Bezak.	Characteristic differences in radiation-induced DNA damage response in HPV negative and HPV positive head and neck cancers with accumulation of fractional radiation dose.	Head & Neck 43(10):3086-3096		3.147
161.	2021		Y. Li, L. Marcu, A. Hull, E. Bezak.	Radioimmunotherapy of glioblastoma multiforme - current status and future prospects.	Critical Reviews in Oncol/Hematol 163:103395		6.312
162.	2021		D. Ghemis, L. Marcu.	Progress and prospects of flattening filter free beam technology in radiosurgery and stereotactic body radiotherapy.	Critical Reviews in Oncology/Hematology 163:103396		6.312
163.	2021		O. Casares-Magaz, L. Marcu, Y Prezado, E Koutsouveli, M Brambilla.	EFOMP survey results on national radiotherapy dosimetry audits.	Physica Medica 84:10-14		2.685
164.	2021		L. Marcu, M. Chau, E. Bezak.	How much is too much? Systematic review of cumulative doses from radiological imaging and the risk of cancer in children and young adults.	Critical Reviews in Oncology/Hematology 160:103292		6.312
165.	2021		L. Marcu, E. Bezak, D. Peukert, P. Wilson.	Translational research in FLASH radiotherapy - from radiobiological mechanisms to in vivo results.	Biomedicines 9(2):181		6.081
166.	2021		M. Bodale, L. Marcu.	140 years of Medical Physics in Romania.	Physica Medica 82:46-53		2.685
167.	2021		L. Marcu, D. Marcu.	Points of view on Artificial Intelligence in radiology - one good, one bad and one fuzzy.	Health and Technology 11:17-22		0
168.	2021		M. Frize, L. Lhotska, L. Marcu, M. et al	The impact of CoVID-19 pandemic on gender-related work from home in STEM fields- report of the WiMPBME Task Group.	Gender, Work & Organization 28(S2):378-396		5.428
169.	2021		Bala, Sindhu... Cavalu, et al	The prospective of liquid crystals in nano formulations for drug delivery systems	J Molecular Structure 1245		3.196
170.	2021		Antonescu...Cavalu	Evaluation of Wound Healing Potential of Novel Hydrogel Based on Ocimum basilicum and Trifolium pratense Extracts	Processes 9(11):2096		2.847
171.	2021		Fritea...Cavalu	Metal Nanoparticles and Carbon-	Materials 14(21):6319		3.623

				Based Nanomaterials for Improved Performances of Electrochemical (Bio)Sensors with Biomedical Applications			
172.	2021		Sindhu...Cavalu	Bioactive Compounds and Nanodelivery Perspectives for Treatment of Cardiovascular Diseases	Applied Sciences 11(2):11031		2.679
173.	2021		Sindhu...Cavalu	Potentiality of Nanoenzymes for Cancer Treatment and Other Diseases: Current Status and Future Challenges	Materials 14(20):5965		3.623
174.	2021		Kutbi...Cavalu	Optimization of Hyaluronate-Based Liposomes to Augment the Oral Delivery and the Bioavailability of Berberine	Materials 14(19):5759		3.623
175.			Fadeeva...Cavalu	Improved cytocompatibility and antibacterial properties of zinc-substituted brushite bone cement based on beta-tricalcium phosphate	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE 32(9):99		3.896
176.	2021		Marica...Cavalu	Carbon Nanotubes for Improved Performances of Endodontic Sealer	Materials 14(15):4248		3.623
177.	2021		Tirla...Cavalu	Severe Cardiac and Metabolic Pathology Induced by Steroid Abuse in a Young Individual	Diagnostics 11(8):1313		3.706
178.	2021		Simon...Cavalu	Surface properties of collagen-functionalized aluminosilicate particles embedding iron and dysprosium designed for cancer therapy	JOURNAL OF MOLECULAR STRUCTURE 1236		3.196
179.	2021		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Plants 10(7):1390		3.935
180.	2021		Pasca, Cavalu	The influence of propolis nanoparticles on dermal fibroblasts migration: premises for development of propolis-based collagen dermal patches	Digest journal of nanomaterials and biostructures 16(3):929		0.963

181.	2021		Vicas...Cavalu	Functional Food Product Based on Nanoselenium-Enriched Lactobacillus casei against Cadmium Kidney Toxicity	Applied Sciences 11(9):4220		2.679
182.	2021		Vicas...Cavalu	Nano Selenium-Enriched Probiotics as Functional Food Products against Cadmium Liver Toxicity	Materials 14(9):2257		3.623
183.	2021		Miere...Cavalu	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	Processes 9(3):432		2.847
184.	2021		Cavalu et al	Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment: Histological, AFM and FTIR Spectroscopy Evidence	Materials 14(4):863		3.623
185.	2021		Plotogea, O.-M.; Gheorghe, G.; Stan-Ilie, M.; Constantinescu, G.; Bacalbasa, N.; Bungau, S.; Diaconu, C.C.	Assessment of Sleep among Patients with Chronic Liver Disease: Association with Quality of Life	J. Pers. Med.	2075-4426	4.945
186.	2021		Shah, M.; Murad, W.; Ur Rehman, N.; Mubin, S.; Al-Sabahi, J.N.; Ahmad, ..., R.; Bungau, S.G.; Al-Harrasi, A.	GC-MS Analysis and Biomedical Therapy of Oil from n-Hexane Fraction of <i>Scutellaria edelbergii</i> Rech. f.: In Vitro, In Vivo, and In Silico Approach	Molecules	1420-3049	4.411
187.	2021		Grover, M.; Behl, T.; Sehgal, A.; ... S.G.; Sanduja, M.; Bungau, S.	In Vitro Phytochemical Screening, Cytotoxicity Studies of <i>Curcuma longa</i> Extracts with Isolation and Characterisation of Their Isolated Compounds	Molecules	1420-3049	4.411
188.	2021		Mostafa, I., Mohamed, N.H., Mohamed, B., Almeer, A.Abulmeaty..., Bungau, S.G. , et al	<i>In-silico</i> screening of naturally derived phytochemicals against SARS-CoV Main protease	Environ Sci Pollut Res.	1614-7499	4.223
189.	2021		Ghitea T.C., Aleya L., Tit D.M., Behl T., Stoicescu M., Sava C., Iovan C., El-Kharoubi A., Uivarosan D., Pallag A., Bungau S*	Influence of diet and sport on the risk of sleep apnea in patients with metabolic syndrome associated with hypothyroidism – a 4-year survey	Environ Sci Pollut Res.	1614-7499	4.223

190.	2021		Behl, T.; Upadhyay, T.; Singh, S.; Chigurupati, S.; Alsubayiel, A.M.; Mani, V.; Vargas-De-La-Cruz, C..., A.-F.; Bungau, S.G.	Polyphenols Targeting MAPK Mediated Oxidative Stress and Inflammation in Rheumatoid Arthritis	<i>Molecules</i>	1420-3049	4.411
191.	2021		Radu, A.-F.; Bungau, S.G.	Management of Rheumatoid Arthritis: An Overview	<i>Cells</i>	2073-4409	6.6
192.	2021		Hassan, S.S.u.; Muhammad, I.; Abbas, S.Q.; Hassan, M.; Majid, M.; Jin, H.-Z.; Bungau, S.	Stress driven discovery of natural products from actinobacteria with anti-oxidant and cytotoxic activities including docking and ADMET Properties	<i>Int. J. Mol. Sci.</i>	1422-0067	5.923
193.	2021		Rather, I.I.G., Behl, T., Sehgal, A., Singh, S., Sharma, N., ..., Bungau S.	Exploration of potential role of Rho GTPase in nicotine dependence-induced withdrawal syndrome in mice	<i>Environ Sci Pollut Res</i>	1614-7499	4.223
194.	2021		Singh, A., Behl, T., Sehgal, A....., Bhatia, S., Al-Harrasi,, Bungau, S.	Exploring the therapeutic promise of targeting Rho kinase in rheumatoid arthritis	<i>Inflammopharmacol</i>	1568-5608	4.02
195.	2021		Arora, A., Behl, T., Sehgal, A., Singh, S., Chigurupati, S., ...; Bungau, S.	Free fatty acid receptor 1: a ray of hope in the therapy of type 2 diabetes mellitus	<i>Inflammopharmacol</i>	1568-5608	4.02
196.	2021		Behl, T.; Kuma, S.; Sehgal, A.; Singh, S.; Sharma, N.; ... Bungau,	Linking COVID-19 and Parkinson's Disease: Targeting the Role of Vitamin-D	<i>Biochem. Biophys. Res. Commun.</i>	1090-2104	3.575
197.	2021		Dapinder Kaur; Behl, T.; (...); Bungau, S.	Deciphering the focal role of endostatin in Alzheimer's Disease	<i>Environ Sci Pollut Res</i>	1614-7499	4.223
198.	2021		Kumar, S.; Behl, T.; Sehgal, A., (...); Bungau S.	Exploring the role of Orexinergic Neurons in Parkinson Disease	<i>Neurotoxicity Res.</i>	1476-3524	3.991
199.	2021		Negrut, N., Aleya, L., Behl, T. (...) Bungau, S.*	Epidemiology of botulism in the north-western Romania—a 7-year survey	<i>Environ Sci Pollut Res</i>	1614-7499	4.223
200.	2021		Behl T, Sehgal A, Grover M, Singh S, Sharma N, (...), Bungau S.	Uncertaining the pivotal role of ABC transporters in diabetes mellitus	<i>Environ Sci Pollut Res</i>	1614-7499	4.223
201.	2021		Arora A, Behl T, Sehgal A, Singh S, Sharma N, Mathew B, Bungau S.	Targeting “Cellular Batteries” for the Therapy of Neurological Diseases	<i>Environ Sci Pollut Res</i>	1614-7499	4.223
202.	2021		Kaur I.; Behl T.; Sehgal A.; Singh S.; Sharma N.;	Connecting the Dots Between Mitochondrial Dysfunction and	<i>Environ Sci Pollut Res</i>	1614-7499	4.223

			Aleya L; Bungau S.	Parkinson's Disorder: Focus on Mitochondria-Targeting Therapeutic Paradigm in Mitigating the Disease Severity			
203.	2021		Behl, T., Mehta K., Sehgal A., (...) Bungau S.	Exploring the Role of Polyphenols in Rheumatoid Arthritis	<i>Crit. Rev. Food Sc. Nutr.</i>	1549-7852	11.176
204.	2021		Kaur I., Behl T., Sachdeva M., Bungau S. , Venkatachalam T.	Exploring the Mitochondrial Apoptotic Cell Death Landscape and Associated Components Serving as Molecular targets, primarily for synthetic and natural drugs targeting oncology therapeutics	<i>Current Molec. Pharmacol.</i>	1874-4702	3.339
205.	2021		Bratu O., Dragos R. M., (...) Bungau S.G. , et al	The challenges of androgen insensitivity syndrome	<i>Archives of Medical Science</i>	1896-9151	3.318
206.	2021		Pop, N.O., Tit, D.M., Diaconu, C.C., Munteanu, M.A., Babes, E.E., Stoicescu, M., Popescu, M.I. Bungau, S.	The Alberta Stroke Program Early CT score (ASPECTS): A predictor of mortality in acute ischemic stroke	<i>Exp. Ther. Med.</i>	1792-0981	2.774
207.	2021		Behl T., Arora A., Sehgal A., Singh S., Sharma N., Bhatia S., Al-Harrasi A., Bungau S. , Mostafavi E.	Molecular and biochemical pathways encompassing Diabetes Mellitus and Dementia	<i>CNS & Neurological disorders - Drug Targets</i>	1996-3181	4.388
208.	2021		Sharma, N.; Zahoor, I.; Sachdeva, M.; Subramaniyan, V.;; Bungau, S ; et al.	Deciphering the Role of Nanoparticles for Management of Bacterial Meningitis: An Update on Recent Studies	<i>Environ Sci Pollut Res</i>	1614-7499	4.223
209.	2021		Ben Khadda, Z.; Fagroud, M.; El Karmoudi, Y.; Ezrari, S.; Berni, I.; De Broe, M.; Behl, ; Bungau , et al	Farmers' Knowledge, Attitudes, and Perceptions Regarding Carcinogenic Pesticides in Fez Meknes Region (Morocco)	<i>Int. J. Environ. Res. Public Health</i>	1660-4601	3.390
210.	2021		Latif, M.S.; Azad, A.K.; Nawaz, A.; Rashid, S.A.; Rahman, M.H.; Al Omar, S.Y.; Bungau, S.G. ; Aleya, L.; Abdel-Daim, M.M.	Ethyl Cellulose and Hydroxypropyl Methyl Cellulose Blended Methotrexate-Loaded Transdermal Patches: In Vitro and Ex Vivo	<i>Polymers</i>	2073-4360	4.329
211.	2021		Bungau, S.G. ; Behl, T.; Singh, A.,; et al	Targeting Probiotics in Rheumatoid Arthritis	<i>Nutrients</i>	2072-6643	5.717
212.	2021		Upaganlawar A.B.,	Interweaving epilepsy and	<i>Biomed.</i>	1950-6007	6.529

			Wankhede N.L., Kale M.B., Umare M.D., Sehgal., Bungau, et al	neurodegeneration: Vitamin E as a treatment approach	<i>Pharmacother.</i>		
213.	2021		Rana T., Behl T., Sehgal A., Mehta V., Singh S., (...) Bungau S.	Exploring the role of autophagy Dysfunction in Neurodegenerative Disorders	<i>Molec. Neurobiol.</i>	1559-1182	5.590
214.	2021		Plotogea O.-M.; Ilie M.; Bungau S.; et al	Comprehensive Overview of Sleep Disorders in Patients with Chronic Liver Disease	<i>Brain Sci.</i>	2076-3425	3.394
215.	2021		Sharma A., Behl T., Sharma L., Aelya L., Bungau S.	Mitochondrial Dysfunction in Huntington's disease: Pathogenesis and Therapeutic Opportunities	<i>Curr Drug Targets.</i>	1873-5592	3.465
216.	2021		Behl, T.; Madaan, P.; Sehgal, A.; Singh, S.; Sharma,...; Bungau, S.G.	Elucidating the Neuroprotective Role of PPARs in Parkinson's Disease: A Neoteric and Prospective Target	<i>Int. J. Mol. Sci.</i>	1422-0067	5.923
217.	2021		Behl, T.; Rachamalla, M.; Najda, A.; Sehgal, A.; Singh, S.; Sharma, N.; Bhatia, S.; ... Bungau, S.	Applications of Adductomics in Chemically Induced Adverse Outcomes and Major Emphasis on DNA Adductomics: A Pathbreaking Tool in Biomedical Research	<i>Int. J. Mol. Sci.</i>	1422-0067	5.923
218.	2021		Tagde, P.; Tagde, S.; Tagde, P.; Bhattacharya, T.; Monzur, S.M.; Bungau, S.	Nutraceuticals and Herbs in Reducing the Risk and Improving the Treatment of COVID-19 by Targeting SARS-CoV-2	<i>Biomedicines</i>	2227-9059	6.081
219.	2021		Sharma S., Behl T, Kumar A., Sehgal A., Singh S., Sharma N., Bhatia S., Al-Harrasi, A., (...) Bungau S.	Targeting Endothelin in Alzheimer's Disease: A Promising Therapeutic Approach	<i>BioMed Res. Int.</i>	2314-6141	3.411
220.	2021		Furau, A.; Tit, D.M.; Furau, C.; Bungau, S.*; Furau, G.; Toma, M.M.; Cirstoveanu, et al	Analysis of the Impact of Comorbidities on Endometrial Lesions Using the Charlson Comorbidity Index in Western Romania	<i>Medicina</i>	1648-9144	2.43
221.	2021		Akter, R.; Rahman, M.H.; Kaushik, D.; Mittal, V.; Uivarosan, D.; ... Bungau, S.	Chemo-Preventive Action of Resveratrol: Suppression of p53—A Molecular Targeting Approach	<i>Molecules</i>	1420-3049	4.411
222.	2021		Kaur D., Behl T., Sehgal A., Singh S., Sharma N., ... Bungau S.	Decrypting the potential role of α -lipoic acid in Alzheimer's disease	<i>Life Sci.</i>	2372-613X	5.037

223.	2021		Singh, A.; Behl, T.; Sehgal, A.; Singh, S.; ... Bungau, S.	Mechanistic Insights into the role of B cells in Rheumatoid Arthritis	<i>Int. Immunopharmacol</i>	1878-1705	4.932
224.	2021		Nechifor, A.C.; Goran, A.; Grosu, V.-A.; ... Bungău, S	Reactional Processes on Osmium–Polymeric Membranes for 5–Nitrobenzimidazole Reduction	<i>Membranes</i>	2077-0375	4.106
225.	2021		Moisi, M.I.; Bungau, S.G*.; Vesa, C.M.; Diaconu, C.C.; Behl, T.; Stoicescu, M.; et al	Framing Cause-Effect Relationship of Acute Coronary Syndrome in Patients with Chronic Kidney Disease	<i>Diagnostics</i>	2075-4418	3.406
226.	2021		Marin, R.-C.; Tiț, D.M.; Săndulescu, O.; Streinu-Cercel, A.; Bungău, S.G.*	Comparison of Tolerability and Impact on Metabolic Profiles of Antiretroviral Regimens Containing Darunavir/Ritonavir or Darunavir/Cobicistat in Romanian HIV Infected Patients	<i>Biomedicines</i>	2227-9059	6.081
227.	2021		Lupu, S., Bratu, O.G., Tit, D.M., Bungau, S. , Maghiar, O., et al	Genital self-mutilation: A challenging pathology (Review)	<i>Exp. Ther. Med</i>	1792-0981	2.447
228.	2021		Pathak, K.; Misra, S.K.; Sehgal, A.; Singh, S.; Bungau, et al	Biomedical Applications of Quaternized Chitosan	<i>Polymers</i>	2073-4360	4.329
229.	2021		Bhattacharya, T.; Dutta, S.; Akter, R.; Rahman, M.H.; Karthika, C.; ... Bungau, S	Role of Phytonutrients in Nutrigenetics and Nutrigenomic Perspective in Curing Breast Cancer	<i>Biomolecules</i>	1420-3049	4.879
230.	2021		Furau, A.M.; Toma, M.M.; Ionescu, C.; Furau, C.; Bungau, S.*; Dimitriu, M.; Tit, D.M.; Furau, G.; Petre, Craina,	The Correlation of the IETA Ultrasound Score with the Histopathology Results for Women with Abnormal Bleeding in Western Romania	<i>Diagnostics</i>	2075-4418	3.706
231.	2021		Gheorghe, G.; Bacalbasa, N.; ... Bungau, S.; et al	Gastrointestinal Stromal Tumors—A Mini Review	<i>J. Pers. Med.</i>	1744-828X	4.945
232.	2021		Bogdan, M.A.; Bungau, S.*; Tit, D.M.; Zaha, D.C.; Nechifor, A.C.; Behl, T.; Chambre, D.; Lupitu, A.I.; Copolovici, L.; Copolovici, D.M.	Chemical Profile, Antioxidant Capacity, and Antimicrobial Activity of Essential Oils Extracted from Three Different Varieties (Moldoveanca 4, Vis magic 10, and Alba 7) of <i>Lavandula angustifolia</i>	<i>Molecules</i>	1420-3049	4.411
233.	2021		Popitanu, C.; Lupitu, A.; Copolovici, L.; Bungău,	Induced Volatile Emissions, Photosynthetic Characteristics, and	<i>Forests</i>	1999-4907	2.633

			S.; Niinemets, Ü.; Copolovici, D.M.	Pigment Content in Juglans regia Leaves Infected with the Erineum-Forming Mite Aceria erinea			
234.	2021		Behl, T.; Makkar, R.; Sehgal, A.; Singh, S.; Sharma, N.; Zengin, G.; Bungau, S.; et al	Current Trends in Neurodegeneration: Cross Talks between Oxidative Stress, Cell Death, and Inflammation	<i>Int. J. Mol. Sci.</i>	1422-0067	5.923
235.	2021		Behl T.; Kumar K.; Singh S.; Sehgal A.; Sachdeva M.. Bungau S.	Unveiling the Role of Phytochemicals in Diabetic Retinopathy	<i>J. Funct. Foods.</i>	1756-4646	4.451
236.	2021		Behl, T.; Kaur, D.; Sehgal, A.; Singh, S...Toma, M.M.; Bungau, S.* ; Bumbu, A.G.	Role of Monoamine Oxidase Activity in Alzheimer's Disease: An Insight into the Therapeutic Potential of Inhibitors.	<i>Molecules</i>	1420-3049	4.411
237.	2021		Behl, T.; Kaur, I.; Sehgal, A.; Singh, S.; Bhatia, S.; Al-Harrasi, A.; Zengin, G.; Bumbu, ... Bungau, S.G.	The Footprint of Kynurenine Pathway in Neurodegeneration: Janus-Faced Role in Parkinson's Disorder and Therapeutic Implications.	<i>Int. J. Mol. Sci.</i>	1422-0067	5.923
238.	2021		Pavel, F.M.; Vesa, C.M.; Gheorghe, G.; Diaconu,... Bungau, S*.	Highlighting the Relevance of Gut Microbiota Manipulation in Inflammatory Bowel Disease	<i>Diagnostics</i>	2075-4418	3.706
239.	2021		Behl, T., Gupta, A., Sehgal, A., Sharma S., Singh S., ... Bungau S.	A spotlight on underlying the mechanism of AMPK in diabetes complications.	<i>Inflamm. Res.</i>	1420-908X	4.575
240.	2021		Behl, T.; Kaur, I.; Sehgal, A.; Singh, S.; Bhatia, S.; Al-Harrasi, A.; ... Bungau, S.G*.	Bioinformatics Accelerates the Major Tetrad: A Real Boost for the Pharmaceutical Industry	<i>Int. J. Mol. Sci.</i>	1422-0067	5.923
241.	2021		Nechifor, A.C.; Pîrțac, A.; Albu, P.C.; Grosu, A.R.; Dumitru, F.; Dimulescu, I.A.; Bungău, S.G.	Recuperative Amino Acids Separation through Cellulose Derivative Membranes with Microporous Polypropylene Fiber Matrix	<i>Membranes</i>	2077-0375	4.106
242.	2021		Behl, T.; Sharma, A.; Sharma, L.; Sehgal, A.; Singh, S.; Sharma, N.; Zengin, G. Bungau ,et al	Perspective on the Natural Compounds and Drug Delivery Techniques in Glioblastoma Multiforme.	<i>Cancers</i>	2072-6694	6.639
243.	2021		Behl T., Kumar S., Sehgal A., Singh S., Kumari S., .. Bungau S.	Rice bran, an off-shoot to newer therapeutics in neurological disorders	<i>Biomed. Pharmacother.</i>	7533322	6.529

244.	2021		Parlar A., Muñoz-Acevedo A., Üçkardeş F., Jaimes L., ... Bungau S., Martinez J.L.	Resveratrol as an anti-asthmatic agent: could this stilbenoid help against COVID-19 in any way? A meta-analysis	<i>Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromáticas</i>	0717-7917	0.915
245.	2021		Rana, T.; Behl T.; Sehgal A.; Mehta V.; Singh S.; Sharma N.; Bungau S.	Elucidating the Possible Role of FoxO in Depression	<i>Neurochem. Res.</i>	1573-6903	3.996
246.	2021		Babes, E.E.; Zaha, D.C.; Tit, D.M.; Nechifor, A.C.; Bungau, S.*; Andronic-Cioara, et al	Value of Hematological and Coagulation Parameters as Prognostic Factors in Acute Coronary Syndromes	<i>Diagnostics</i>	2075-4418	3.706
247.	2021		Dimulescu, A.I.; Nechifor, A.C.; Bărdacă, C.; Oprea, O.; Pașcu, D.; Totu, E.E.; Albu, P.C.; Nechifor, G.; Bungău, S.G.	Accessible Silver-Iron Oxide Nanoparticles as a Nanomaterial for Supported Liquid Membranes	<i>Nanomaterials</i>	2079-4991	5.076
248.	2021		Endres, L.; Tit, D.M.; Bungau, S.* ; Pascual, N.A.; Maghiar Țodan, L.; Bimbo-Szuhai, E.; Iancu, G.M.; Negrut, N.	Incidence and Clinical Implications of Autoimmune Thyroiditis in the Development of Acne in Young Patients	<i>Diagnostics</i>	2075-4418	3.706
249.	2021		Bungau S. , Behl T., Aleya I., Bourgeade P., Aloui-Sosse B., Purza A.L., Abid A., Samuel A.D.	Expatriating the impact of anthropogenic aspects and climatic factors on long term soil monitoring and management	<i>Environ Sci. Pollut. Res.</i>	1614-7499	4.223
250.	2021		Negrut, N., Codrean, A., Hodisan, I., Bungau, S. , et al	Efficiency of antiviral treatment in COVID-19.	<i>Exp. Ther. Med</i>	1792-1015	2.447
251.	2021		Behl T, Rocchetti G, Chadha S, Zengin G, Bungau S^e , et al	Phytochemicals from Plant Foods as Potential Source of Antiviral Agents: An Overview	<i>Pharmaceuticals.</i>	1424-8247	5.863
252.	2021		Behl T., Kaur G., Sehgal A., Singh S., Bhatia S., Al-Harrasi A., Zengin G., Bungau S.G.*^e , et al	Elucidating the Multi-Targeted Role of Nutraceuticals: A Complementary Therapy to Starve Neurodegenerative Diseases	<i>Int. J. Molec. Sci.</i>	1422-0067	5.923
253.	2021		Jichitu A., Bungau S.* , Stanescu A.M.A., Vesa C.M., Toma M.M., Bustea C., Iurciuc S., Rus M., Bacalbasa N., Diaconu C.	Non-Alcoholic Fatty Liver Disease and Cardiovascular Comorbidities: Pathophysiological Links, Diagnosis, and Therapeutic Management	<i>Diagnostics</i>	2075-4418	3.706

254.	2021		Behl T, Kaur I, Sehgal A, Singh S, Zengin G, Negrut N, ... Bungau S* .	Exploring the Genetic Conception of Obesity via the Dual Role of FoxO.	<i>Int. J. Molec. Sci.</i>	1422-0067	5.923
255.	2021		Sabir F., Barani M., Mukhtar M., Rahdar A., ... Bungau S.	Nanodiagnosis and Nanotreatment of Cardiovascular Diseases: An Overview	<i>Chemosensors.</i>	2227-9040	3.398
256.	2021		Vică M.L., Glevitzky M., Tit D.M., Behl T., Hegheduş-Mîndru R.C., Zaha D.C... Bungău S.	The antimicrobial activity of honey and propolis extracts from the central region of Romania	<i>Food bioscience</i>	2212-4292	4.240
257.	2021		Corb Aron R.A., Abid A., Vesa C.M., Nechifor A.C., Behl T., Ghitea T.C., Munteanu M.A., Fratila O., Andronie-Cioara F.L., Toma M.M., Bungau S.	Recognizing the Benefits of Pre-/Probiotics in Metabolic Syndrome and Type 2 Diabetes Mellitus Considering the Influence of <i>Akkermansia muciniphila</i> as a Key Gut Bacterium	<i>Microorganisms.</i>	2076-2607	4.128
258.	2021		Akter R., Rahman Md. H., Behl T., Rahman ... Bungau S.	Prospective Role of Polyphenolic Compounds in the Treatment of Neurodegenerative Diseases	<i>CNS & Neurological disorders - Drug Targets</i>	1871-5273	4.388
259.	2021		Kaur G., Behl T., Bungau S. , Arun K., Uddin Md., Mehta V., Mathew B., Zengin G., Shah M.A., Arora S.	Dysregulation of the Gut-Brain Axis, Dysbiosis and Influence of numerous factors on Gut Microbiota associated Parkinson's Disease	<i>Current Neuropharmacology</i>	1875-6190	7.363
260.	2021		Rana T., Behl T., Sehgal A., Sachdeva M., Mehta V., Sharma N., Singh S., Bungau S.	Exploring Sonic Hedgehog Cell Signaling in Neurogenesis: Its Potential Role in Depressive Behavior	<i>Neurochem Res.</i>	1573-6903	3.996
261.	2021		Uivaraseanu B., Bungau S.* , Tit D.M., Behl T., Maghiar T.A., Maghiar O., Pantis C., Zaha D.C., Patrascu J.M.	Orthopedic surgery approach with uncemented metallic prosthesis in knee osteoarthritis increases the quality of life of young patients	<i>Exp. Ther. Med.</i>	1792-1015	2.447
262.	2021		Dehelean L., Romosan A.M., Bucatos B.O., Papava I., Balint R., ... Bungau S.* , Romosan R.	Social and Neurocognitive Deficits in Remitted Patients with Schizophrenia, Schizoaffective and Bipolar Disorder	<i>Healthcare</i>	2227-9032	2.645
263.	2021		Arora A., Behl T., Sehgal A., Singh S., Sharma N., ... Bungau S.	Unravelling the involvement of gut microbiota in type 2 diabetes mellitus	<i>Life Sci.</i>	2372-613X	5.037
264.	2021		Hussain N., Bungau S.º ,	Distribution of hepatitis C virus	<i>MEEGID – Infection,</i>	1567-1348	3.342

			Behl T., Sehgal A., Mahmood M., Manzoor S., Qayyum M.A., et al	genotypes in Punjab region, Pakistan, based on a study of 4177 specimens	<i>Genetic and Evolution</i>		
265.	2021		Marin R.-C., Behl T., Negrut N., Bungau S.	Management of Antiretroviral Therapy with Boosted Protease Inhibitors—Darunavir/Ritonavir or Darunavir/Cobicistat	<i>Biomedicines.</i>	2227-9059	6.081
266.	2021		Marcu F.-M., Lazar I., Cioara F., Nemeth S., Bungau S. , Banica F.	Clinical study regarding the rehabilitation treatment of osteoporotic patients	<i>Farmacia</i>	2065-0019	1.433
267.	2021		Girotra P., Behl T., Sehgal, A., Singh S., Bungau S.	Investigation of the Molecular Role of Brain Derived Neurotrophic Factor in Alzheimer's Disease	<i>J. Molec. Neurosci.</i>	08958696	3.444
268.	2021		Gupta, A., Behl, T., Sehgal, A., Bhatia S., Jaglan D., Bungau S.	Therapeutic potential of NRF-2 pathway in the treatment of diabetic neuropathy and nephropathy	<i>Mol Biol. Rep.</i>	1573-4978	2.316
269.	2021		Sharma A., Behl, T., Sharma L., Aleya L., Bungau S.	Mitochondrial Dysfunction in Huntington's disease: Pathogenesis and Therapeutic Opportunities.	<i>Current Drug Targets</i>	1873-5592	3.465
270.	2021		Jhanji R., Behl T., Sehgal, A., Bungau S.	Mitochondrial Dysfunction and Traffic Jams in Amyotrophic Lateral Sclerosis.	<i>Mitochondrion</i>	15677249	4.160
271.	2021		Grover M., Behl T., Sachdeva M., Bungau S. , Aleya L., Setia D.	Focus on multi-targeted role of curcumin: a boon in therapeutic paradigm	<i>Environ Sci Pollut Res</i>	1614-7499	4.223
272.	2021		Mukherjee T., Behl T., Sehgal A., Bhatia S., Singh H., Bungau S.	Exploring the multifocal role of endostatin in diabetic neuropathy	<i>Molec. Biol. Rep.</i>	1573-4978	2.316
273.	2021		Gheorghe G., Bungau S. [†] , Ceobanu G., Ilie M., et al	The non-invasive assessment of hepatic fibrosis	<i>J. Formosan Medical Assoc.</i>	1876-0821	3.282
274.	2021		Behl T., Kaur G., Sehgal A., Bhardwaj S., Singh S., Buhas C., Judea-Pusta C., Uivarosan D., Munteanu M.A., Bungau S.	Multifaceted Role of Matrix Metalloproteinases in Neurodegenerative Diseases: Pathophysiological and Therapeutic Perspectives	<i>International J. Molec. Sci.</i>	1422-0067	5.923
275.	2021		Behl T., Kaur G., Fratila O., Buhas C., Judea-Pusta C.T., Negrut N., Bustea C., Bungau S.	Cross-talks among GBA Gene Mutations, GCase, and α -synuclein in GBA Associated Parkinson's Disease with their Targeted Therapeutic Approaches: A Comprehensive Review	<i>Translational Neurodegeneration</i>	2047-9158	8.014

276.	2021		Madhuri Grover, Behl T., Bungau S , Aleya, L.	Potential therapeutic effect of Chrysopogon zizainoides (Vetiver) as an anti-inflammatory agent	<i>Environ. Sci. Pollut. Res</i>	1614-7499	4.223
277.	2021		Behl T., Chadha S., Sachdeva M., Sehgal A., ... Bungau S .	Understanding the Possible Role of Endocannabinoid System in Obesity	<i>Prostaglandins and Other Lipid Mediators</i>	10988823	3.072
278.	2021		Gheorghe G., Ilie M., Bungau S. [§] , Stoian et al	Is There a Relationship between COVID-19 and Hyponatremia?	<i>Medicina</i>	1648-9144	2.430
279.	2021		Behl T., Sharma E., Sehgal A., Kaur I., Kumar A., Arora R., Pal G., Kakkar M., Kumar R., Bungau S .	Expatriating the molecular approaches of HMGB1 in diabetes mellitus: Highlighting signalling pathways via RAGE and TLRs	<i>Mol. Biol. Rep.</i>	1573-4978	2.316
280.	2021		Rana T., Behl T., Sehgal A., Mehta V., Singh S., Kumar R., Bungau S .	Integrating endocannabinoids signalling in depression	<i>J. Molec. Neurosci.</i>	1559-1166	3.444
281.	2021		Behl T., Kumar K., Brisc C., Rus M., ... Bungau S .	Exploring the Multifocal Role of Phytochemicals as Immunomodulators	<i>Biomed. Pharmacother</i>	1950-6007	6.529
282.	2021		Turi V., Iurciuc S., Crețu O.M., Tit D.M., Bungau S. [*] , Apostol A., Moleriu R.D., Bustea C., et al	Arterial function in hypertensive pregnant women. Is arterial stiffness a marker for the outcomes in pregnancy?	<i>Life Sciences</i>	2372-613X	5.034
283.	2021		Kumar S., Behl T., Sachdeva M., Sehgal A., Kumari S., .. Bungau S .	Implicating the effect of ketogenic diet as measure to obesity and diabetes mellitus	<i>Life Sciences</i>	2372-613X	5.034
284.	2021		Swati C., Behl T., Sehgal A., Kumar A., Bungau S .	Exploring the Role of Mitochondrial Proteins as Molecular Target in Alzheimer's Disease	<i>Mitochondrion</i>	15677249	4.16
285.	2021		Behl T., Kaur I., Sehgal A., Sharma E., Kumar A., Grover , Bungau S .	Unfolding Nrf2 in diabetes mellitus	<i>Mol Biol Rep.</i>	1573-4978	2.316
286.	2021		Buhaș C.L., Judea-Pusta C., Buhaș B.A., Bungau S. , Judea A.S., Sava C., Popa V.C., Cioca G., Tit D.M.	Physical, Psychological and Sexual Abuse of the Minor in the Families from the Northwestern Region of Romania- Social and Medical Forensics	<i>Iran J Public Health</i>	2251-6085	1.429
287.	2022	oct	Cicort-Lucaciu, AS; Keshta, HV; Popovici, PV; Munkacsi, D; Telcean, IC; Gache, C	Urban avifauna distribution explained by road noise in an Eastern European city.	AVIAN RESEARCH	2053-7166	2.043

288.	2022.	ian	Covaciu-Marcov, S.-D., Lucaci, B.I., Maier, A.-R.-M., Cadar, A.-M., Ile, G.-A., Dumbravă, A.-R., Ferenti, S.	Beyond the victim number: faunistic and ecological data from a road-mortality study in the Iron Gates Natural Park, Romania..	Eco Mont Journal on Protected Mountain Areas Research	2073-106X 2073-1558	0.839
289.	2022	Februar y	Maier, ARM; Cupsa, D; Ferenti, S; Cadar, AM	New records of Darevskia praticola at the northern limit of its distribution range in Romania	HERPETOZOA	1013 4425, 2682 955X	1.053
290.	2022	Mai	Maier, ARM; Ferenti, S; Dumbrava, AR; Cadar, AM	A Late Autumn Feeding: Diet of <i>Salamandra salamandra</i> (Linnaeus, 1758) (Amphibia: Salamandridae) in October and November in the Iron Gates Natural Park, Romania.	ACTA ZOOLOGICA BULGARICA	0324-0770 2603-3798	0.448
291.	2022	july	Samuel, A.D.; Onet, A.; Dincă L., Enescu R., Deleanu E., Oneț C., Stanciu, A.,	Enzymatic indicators of soil quality and nutrients content in the forest soils from Romania.,	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	1582-9596 1843-3707	0.858
292.	2022		Marcu L	Developments on tumour site-specific chrono-oncology towards personalised treatment	Critical Reviews in Oncology/Hematology 179:103803		6.625
293.	2022		I. Costin, L. Marcu	Factors impacting on patient setup analysis and error management during breast cancer radiotherapy	Critical Reviews in Oncology/Hematology 178:103798		6.625
294.	2022		L. Marcu, N. Abbott, A. Appelt, et al	The role of medical physicists in clinical trials across Europe	Physica Medica 100:31-38		3.119
295.	2022		N. Buciuman, L. Marcu	Is there a dosimetric advantage of volumetric modulated arc therapy over intensity modulated radiotherapy in head and neck cancer?	European Archives of Oto-Rhino- Laryngology 279:5311–5321		3.263
296.	2022		N. Buciuman, L. Marcu	Adaptive radiotherapy in head and neck cancer using volumetric modulated arc therapy	J Personalized Medicine 12(5):668		3.508
297.	2022		L. Moghaddasi, P. Reid, E. Bezak, L. Marcu	Radiobiological and treatment-related aspects of spatially fractionated radiotherapy	Int J Molecular Sciences 23(6):3366		6.208
298.	2022		E Bezak, K Karson-Chahoud, LG Marcu, M Stoeva, et al	The biggest challenges resulting from CoVID-19 pandemic on gender-related work from home in biomedical fields – World-wide qualitative survey analysis	Int J Environmental Res & Public Health 19(5):3109		4.614

299.	2022		L Marcu	Gender and sex-related differences in normal tissue effects induced by platinum compounds	Pharmaceuticals 15(2):255		5.215
300.	2022		L. Marcu, C. Caruana, A. Lopez-Medina, L. Mazzoni	Early career medical physicist groups in Europe: an EFOMP survey	Physica Medica 95:89-93		3.119
301.	2022		Kiss, Roberta Zsofia ; Sticlet, Doru ; (...); Moca P; Dora, Balazs	Non-Hermitian off-diagonal magnetic response of Dirac fermions	Physical Review B		3.908
302.	2022		Moca, Catalin Pascu ; Werner, Miklos Antal ; (...); Zarand, Gergely	Simulating Lindbladian evolution with non-Abelian symmetries: Ballistic front propagation in the SU(2) Hubbard model with a localized loss	Physical Review B		3.908
303.	2022		Dora, Balazs ; Sticlet, Doru ; Moca, Catalin Pascu	Correlations at PT-Symmetric Quantum Critical Point	Phys Rev Letters		9.185
304.	2022		Sticlet, Doru ; Dora, Balazs ; Moca, Catalin Pascu	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity	Phys Rev Letters		9.185
305.	2022		Bacsi, Adam ; Moca, Catalin P. ; (...); Dora, Balazs	Dissipative dynamics in the free massive boson limit of the sine-Gordon model	SciPost Physics Core		3.98
306.	2022		Pasca, Paula Melania ; Miere (Groza), Florina Miere ; (...); Cavalu, Simona	Novel Liposomal Formulation with Azelaic Acid: Preparation, Characterization, and Evaluation of Biological Properties	Applied Sciences		2.838
307.	2022		Danila, Catalina ; Cardos, Ioana Alexandra ; (...); Cavalu, Simona	Correlations between Endoscopic and Histopathological Assessment of Helicobacter pylori-Induced Gastric Pathology-A Cross-Sectional Retrospective Study	Life		3.253
308.	2022		Gupta, Nishant ; Yadav, Virendra Kumar ; (...); Cavalu, Simona	Deleterious Effect of Air Pollution on Human Microbial Community and Bacterial Flora: A Short Review	Int J Environ Res Public Health		4.614
309.	2022		Kumar, Pradeep ; Singh, Amit Kumar ; (...); Pop, Ovidiu	Identification and validation of core genes as promising diagnostic signature in hepatocellular carcinoma based on integrated bioinformatics approach	Scientific Reports		4.996

310.	2022		Kulkarni, Deepak ; Musale, Shubham ; (...); Cavalu, Simona	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	Nanomaterials		5.719
311.	2022		Cavalu, Simona ; Elbaramawi, Samar S. ; (...); Elfaky, Mahmoud A.	Characterization of the Anti- Biofilm and Anti-Quorum Sensing Activities of the beta- Adrenoreceptor Antagonist Atenolol against Gram-Negative Bacterial Pathogens	Int J Molec Sciences		6.208
312.	2022		Rahman, Md. Mominur ; Sarker, Md. Taslim ; (...); Kim, Bonglee	Exploring the recent trends in perturbing the cellular signaling pathways in cancer by natural products	Frontiers in Pharmacology		5.988
313.	2022		Nasr, Mohamed ; Cavalu, Simona ; (...); Mohammed, Osama A.	Canagliflozin-loaded chitosan- hyaluronic acid microspheres modulate AMPK/NF-kappa B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	Biomed & Pharmacotherapy		7.419
314.	2022		Alkhursani, Sheikha A. ; Ghobashy, Mohamed Mohamady ; (...); Cavalu, Simona	Application of Nano-Inspired Scaffolds-Based Biopolymer Hydrogel for Bone and Periodontal Tissue Regeneration	Polymers		4.967
315.	2022		Youssef, Mahmoud E. ; Abdel-Reheim, Mustafa A. ; (...); Gaafar, Ahmed Gaafar Ahmed	Ameliorative Effect of Dabigatran on CFA-Induced Rheumatoid Arthritis via Modulating Kallikrein- Kinin System in Rats	Int J Molec Sciences		6.208
316.	2022		Tirla, Adrian ; Islam, Fahadul ; (...); Cavalu, Simona	New Insight and Future Perspectives on Nutraceuticals for Improving Sports Performance of Combat Players: Focus on Natural Supplements, Importance and Advantages over Synthetic Ones	Applied Sciences		2.838
317.	2022		Tewari, Akhilesh Kumar ; Upadhyay, Satish Chandra ; (...); Cavalu, Simona	Insights on Development Aspects of Polymeric Nanocarriers: The Translation from Bench to Clinic	Polymers		4.967
318.	2022		Cavalu, Simona ; Sharaf, Hossam ; (...); Mohammed, Osama A.	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF-kappa B, and decreases the susceptibility of the inflamed rat colon to	FASEB journal		5.834

				apoptosis: A new treatment option for treating ulcerative colitis			
319.	2022		Shaaban, Ahmed A. ; Abdelhamid, Amir Mohamed ; (...); Cavalu S; Saber, Sameh	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management paradigm for ulcerative colitis	Biomed & Pharmacotherapy		7.419
320.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exposure of metal toxicity in Alzheimer's disease: An extensive review	Frontiers in Pharmacology		5.988
321.	2022		Chopra, Hitesh ; Baig, Atif Amin ; (...); Cavalu S; Bin Emran, Talha	Robotics in surgery: Current trends	Annals of medicine and surgery		1.75
322.	2022		Shih, Ming-Lang ; Lawal, Bashir ; (...); Cavalu S; Wu, Alexander T. H.	Large-scale transcriptomic analysis of coding and non-coding pathological biomarkers, associated with the tumor immune microenvironment of thyroid cancer and potential target therapy exploration	Frontiers in cell and developmental biology		6.081
323.	2022		Butt, Muhammad Hammad ; Zaman, Muhammad ; (...); Cavalu, Simona	Appraisal for the Potential of Viral and Nonviral Vectors in Gene Therapy: A Review	Genes		3.913
324.	2022		Munot, Neha ; Kandekar, Ujjwala ; (...); Cavalu, Simona	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	Pharmaceutics		6.525
325.	2022		Abadi, Leila Fotooh ; Damiri, Fouad ; (...); Cavalu, Simona	Novel Nanotechnology-Based Approaches for Targeting HIV Reservoirs	Polymers		4.967
326.	2022		Damiri, Fouad ; Andra, Swetha ; (...); Cavalu, Simona	Recent Advances in Adsorptive Nanocomposite Membranes for Heavy Metals Ion Removal from Contaminated Water: A Comprehensive Review	Materials		3.748
327.	2022		Chugh, Rishi Man ; Mittal, Pooja ; (...); Gautam,	Fungal Mushrooms: A Natural Compound With Therapeutic	Frontiers in pharmacology		5.988

			Rupesh K.	Applications			
328.	2022		Chopra, Hitesh ; Bibi, Shabana ; (...); Cavalu, Simona	Nanomedicines in the Management of Alzheimer's Disease: Current View and Future Prospects	Frontiers in aging neuroscience		5.702
329.	2022		Balcha, E. K. ; Marica, A. ; (...); Azad, A. K.	Allium sativum extract mediated synthesis of Ag/Zn bimetallic nanostructures for antibacterial application	Digest Journal of Nanomaterials and Biostructures		0.899
330.	2022		Atia, Gamal Abdel Nasser ; Shalaby, Hany K. ; (...); Cavalu, Simona	Locally Applied Repositioned Hormones for Oral Bone and Periodontal Tissue Engineering: A Narrative Review	Polymers		4.967
331.	2022		Baig, Mirza Shahed ; Banu, Ahmadi ; (...); Cavalu, Simona	An Overview of Diabetic Foot Ulcers and Associated Problems with Special Emphasis on Treatments with Antimicrobials	Life		3.253
332.	2022		Memete, Adriana Ramona ; Teusdea, Alin Cristian ; (...); Vicas, Simona Ioana	Effects of Different Edible Coatings on the Shelf Life of Fresh Black Mulberry Fruits (Morus nigra L.)	Agriculture		3.408
333.	2022		Al-kuraishy, Hayder M. ; Al-Gareeb, Ali, I ; (...); Batiha, Gaber El-Saber	Changes in the Blood Viscosity in Patients With SARS-CoV-2 Infection	Frontiers in medicine		5.058
334.	2022		Borges e Soares, Giselle A. A. ; Bhattacharya, Tanima ; (...); Cavalu, Simona	Identification of Linomide Derivatives as Potential Anticancer Therapeutics using Molecular Docking Studies	Frontiers in pharmacology		5.988
335.	2022		Abdelhamid, Amir Mohamed ; Youssef, Mahmoud E. ; (...); Saber, Sameh	Carbocisteine as a Modulator of Nrf2/HO-1 and NF κ B Interplay in Rats: New Inspiration for the Revival of an Old Drug for Treating Ulcerative Colitis	Frontiers in pharmacology		5.988
336.	2022		Rahman, Md Mominur ; Dhar, Puja Sutro ; (...); Rauf, Abdur	Exploring the plant-derived bioactive substances as antidiabetic agent: An extensive review	Biomed & Pharmacotherapy		7.419
337.	2022		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	Biomed & Pharmacotherapy		7.419
338.	2022		Karthika, Chenmala ; Sureshkumar, Raman ;	Multidrug Resistance of Cancer Cells and the Vital Role of P-	Life		3.253

			(...); Cavalu, Simona	Glycoprotein			
339.	2022		Karthika, Chenmala ; Sureshkumar, Raman ; (...); Cavalu, Simona	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells	Life		3.253
340.	2022		Balu, Satheesh Kumar ; Andra, Swetha ; (...); Cavalu, Simona	Size-Dependent Antibacterial, Antidiabetic, and Toxicity of Silver Nanoparticles Synthesized Using Solvent Extraction of Rosa indica L. Petals	Pharmaceuticals		5.215
341.	2022		Graur, Florin ; Puia, Aida ; (...); Al Hajjar, Nadim	Nanotechnology in the Diagnostic and Therapy of Hepatocellular Carcinoma	Materials		3.748
342.	2022		Zehravi, Mehrukh ; Kabir, Janisa ; (...); Cavalu, Simona	A Prospective Viewpoint on Neurological Diseases and Their Biomarkers	Molecules		3.748
343.	2022		Moisa, Corina ; Cadar, Oana ; (...); Banica, Florin	COMPATIBILITY STUDY BETWEEN MAGNESIUM OROTATE AND VARIOUS EXCIPIENTS IN THEIR PHYSICAL MIXTURES	Farmacia		1.55
344.	2022		Kulkarni, Deepak ; Damiri, Fouad ; (...); Cavalu, Simona	Recent Advancements in Microneedle Technology for Multifaceted Biomedical Applications	Pharmaceutics		6.525
345.	2022		Inwati, Gajendra Kumar ; Yadav, Virendra Kumar ; (...); Cavalu, Simona	Enhanced Plasmon Based Ag and Au Nanosystems and Their Improved Biomedical Impacts	Crystals		2.67
346.	2022		Rahman, Md. Mominur ; Alam Tumpa, Mst. Afroza ; (...); Cavalu, Simona	An Overview of Antimicrobial Stewardship Optimization: The Use of Antibiotics in Humans and Animals to Prevent Resistance	Antibiotics		5.222
347.	2022		Sharma, Arvind ; Arora, Kanika ; (...); Alaklabi, Abdullah	Supersaturation-Based Drug Delivery Systems: Strategy for Bioavailability Enhancement of Poorly Water-Soluble Drugs	Molecules		4.927
348.	2022		Nasr, Mohamed ; Saber, Sameh ; (...); Elagamy, Heba I.	Advantages of Cubosomal Formulation for Gatifloxacin Delivery in the Treatment of Bacterial Keratitis: In Vitro and In Vivo Approach Using Clinical	Materials		3.748

				Isolate of Methicillin-Resistant Staphylococcus aureus			
349.	2022		Goyal, Ravi ; Bala, Rajni ; (...); Cavalu, Simona	Bioactive Based Nanocarriers for the Treatment of Viral Infections and SARS-CoV-2	Nanomaterials		5.719
350.	2022		Hasan Khudhair, Dhekra ; Al-Gareeb, Ali I. ; (...); Batiha, Gaber El-Saber	Combination of Vitamin C and Curcumin Safeguards Against Methotrexate-Induced Acute Liver Injury in Mice by Synergistic Antioxidant Effects	Frontiers in medicine		5.058
351.	2022		Elnagar, Asmaa ; El-Dawy, Khalifa ; (...); Youssef, Mohammed	Ameliorative Effect of Oxytocin on FBN1 and PEPCK Gene Expression, and Behavioral Patterns in Rats' Obesity-Induced Diabetes	Frontiers in public health		6.461
352.	2022		Chopra, Hitesh ; Bibi, Shabana ; (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Frontiers in bioengineering and biotechnology		6.064
353.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Rauf, Abdur	Microbiome in cancer: Role in carcinogenesis and impact in therapeutic strategies	Biomed & Pharmacotherapy		7.419
354.	2022		Reil, Peter Michael ; Maghiar, Teodor Traian ; (...); Pop, Ovidiu	Assessing the Role of Lipopolysaccharide (LPS) Receptor (CD14) in Septic Cardiomyopathy: The Value of Immunohistochemical Diagnostics	Diagnostics		3.992
355.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Molecules		4.927
356.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Materials		3.748
357.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Molecules		4.927
358.	2022		Elsadek, Nehal E. ; Nagah, Abdalrazeq ; (...); Attia, Mohamed S.	Electrospun Nanofibers Revisited: An Update on the Emerging Applications in Nanomedicine	Materials		3.748
359.	2022		Saber, Sameh ; Nasr, Mohamed ; (...); Khodir, Ahmed E.	Nifuroxazide-loaded cubosomes exhibit an advancement in pulmonary delivery and attenuate	Biomed & Pharmacotherapy		7.419

				bleomycin-induced lung fibrosis by regulating the STAT3 and NF-kappa B signaling: A new challenge for unmet therapeutic needs			
360.	2022		Zohny, Mona H. ; Cavalu, Simona ; (...); Saber, Sameh	Coomassie brilliant blue G-250 dye attenuates bleomycin-induced lung fibrosis by regulating the NF-kappa B and NLRP3 crosstalk: A novel approach for filling an unmet medical need	Biomed & Pharmacotherapy		7.419
361.	2022		Onikanni, Amos Sunday ; Lawal, Bashir ; (...); Batiha, Gaber El-Saber	Therapeutic efficacy of Clompanus pubescens leaves fractions via downregulation of neuronal cholinesterases/Na ⁺ -K(+)ATPase/IL-1 beta, and improving the neurocognitive and antioxidants status of streptozotocin-induced diabetic rats	Biomed & Pharmacotherapy		7.419
362.	2022		Cardos, Alexandra Ioana ; Maghiar, Adriana ; (...); Cavalu, Simona	Evolution of Diagnostic Methods for Helicobacter pylori Infections: From Traditional Tests to High Technology, Advanced Sensitivity and Discrimination Tools	Diagnostics		3.992
363.	2022		Bhattacharya, Tanima ; Das, Debashrita ; (...); Cavalu, Simona	Novel Green Approaches for the Preparation of Gold Nanoparticles and Their Promising Potential in Oncology	Processes		3.352
364.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges e ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Materials		3.748
365.	2022		Abd El-Fattah, Eslam E. ; Saber, Sameh ; (...); Ghanim, Amal M. H.	The dynamic interplay between AMPK/NF kappa B signaling and NLRP3 is a new therapeutic target in inflammation: Emerging role of dapagliflozin in overcoming lipopolysaccharide-mediated lung injury	Biomed & Pharmacotherapy		7.419
366.	2022		Borges e Soares, Giselle A. ; Bhattacharya, Tanima ; (...); Cavalu, Simona	Exploring Pharmacological Mechanisms of Essential Oils on the Central Nervous System	Plants		4.658

367.	2022	4	Sorin Hodişan, Ramona Pop Maghiar, Alina Groze, Mariana Ganea, Oana Stănăşel	CHARACTERISATION OF ORIGANUM VULGARE EXTRACTS	<i>Studia Chemia</i>	1224-7154	0.558
368.	2022	10	Frent OD, Vicas LG, Duteanu N, Morgovan CM, Jurca T, Pallag A, Muresan ME, Filip SM, Lucaciu R-L, Marian E.	SODIUM ALGINATE—NATURAL MICROENCAPSULATION MATERIAL OF POLYMERIC MICROPARTICLES	<i>International Journal of Molecular Sciences</i>	1422-0067	6.208
369.	2022	11	Uivaraseanu, B., Vesa, C.M., Tit, D.M., Maghiar, (...), Bungau, S.	HIGHLIGHTING THE ADVANTAGES AND BENEFITS OF CEMENTLESS TOTAL KNEE ARTHROPLASTY	<i>Exp. Ther. Med.</i>	1792-0981	2.751
370.	2022	4	Bratu O., Dragos R. M., Mischianu L.D., Poiana C., Bungau S.G., et al	THE CHALLENGES OF ANDROGEN INSENSITIVITY SYNDROME	<i>Archives of Medical Science</i>	1734-1922	3.707
371.	2022	12	Albu, P.C.;Iferencz, A.; Al-Ani, H.N.A.; Tanczos, S.-K.; Oprea, O.; Grosu, V.-A.; Nechifor, G.; Bungău, S.G.; et al	OSMIUM RECOVERY AS MEMBRANE NANOMATERIALS THROUGH 10–UNDECENOIC ACID REDUCTION METHOD	<i>Membranes</i>	2077-0375	4.562
372.	2022	01	Behl, T.; Madaan, P.; Sehgal, A.; Singh, S.; Anwer, M.K.; Makeen, H.A.; Albratty, M.; Mohan, S.; Bungau, S.	MECHANISTIC INSIGHTS EXPATIATING THE REDOX-ACTIVE-METAL-MEDIATED NEURONAL DEGENERATION IN PARKINSON'S DISEASE	<i>Int. J. Mol. Sci.</i>	1422-0067	6.208
373.	2022	01	Khan, M.A.; Azad, A.K.; Safdar, M.; Nawaz, A.; Akhlaq, M.; Paul, P.; Hossain, M.K.; Rahman, M.H.; Baty, R.S.; El-kott, A.F.; Kamel, M.; Bungau, S.G.; Abdel-Daim, M.M.	SYNTHESIS AND CHARACTERIZATION OF ACRYLAMIDE/ACRYLIC ACID Co-POLYMERS AND GLUTARALDEHYDE CROSSLINKED pH-SENSITIVE HYDROGELS	<i>Gels</i>	2310-2861	4.432
374.	2022	01	Gheorghe, G.; Diaconu, ... Bungau, S.; Gaman, M.-A.; Stan-Ilie, M.	RISK FACTORS FOR PANCREATIC CANCER: EMERGING ROLE OF VIRAL HEPATITIS	<i>J. Pers. Med.</i>	2075-4426	3.508
375.	2022	08	Karthika, C., Appu, A.P., Akter, R., Rahman, M.H., Tagde, P., Ashraf, G.M., Abdel-Daim, M.M., ul	POTENTIAL INNOVATION AGAINST ALZHEIMER'S DISORDER: A TRICOMPONENT COMBINATION OF NATURAL	<i>Environ Sci Pollut Res.</i>	1614-7499	5.19

			Hassan, S.S., Abid, A.A., Bungau, S.	ANTIOXIDANTS (VITAMIN E, QUERCETIN, AND BASIL OIL) AND THE DEVELOPMENT OF ITS INTRANASAL DELIVERY			
376.	2022	03	Zahoor, I; Singh, S.; Behl, T.; Sharma, N.; Naved, T.; ... Vargas-De-La-Cruz, C.; Bungau, S.	EMERGENCE OF MICRONEEDLES AS A POTENTIAL THERAPEUTICS IN DIABETES MELLITUS	<i>Environ Sci Pollut Res.</i>	1614-7499	5.19
377.	2022	01	Behl, T., Chadha, S., ..., A., Chigurupati, S., Alhowail, A., Bungau, S.	EXPLORING THE ROLE OF CATHEPSIN IN RHEUMATOID ARTHRITIS	<i>Saudi J. Biological Sci.</i>	1319-562X	4.052
378.	2022	02	Behl T., Rana T., Alotaibi G.H., Shamsuzzaman M., Naqvi M., ... S., Al-Harrasi A., Bungau S.	POLYPHENOLS INHIBITING MAPK SIGNALLING PATHWAY MEDIATED OXIDATIVE STRESS AND INFLAMMATION IN DEPRESSION	<i>Biomed. Pharmacother</i> 146	1950-6007	7.419
379.	2022	02	Behl, T.; Kaur, I.; Singh, S.; Sharma, N.; Bhatia, S.; Al-Harrasi, A.; Bungau S.	THE DICHOTOMY OF NANOTECHNOLOGY AS THE CUTTING EDGE OF AGRICULTURE: NANO-FARMING AS AN ASSET VERSUS NANOTOXICITY	<i>Chemosphere</i> 288 Part 2	0045-6535	8.943
380.	2022	02	Behl, T., Kaur, I., Aleya, L., Sehgal, A., Singh, S., Sharma, N., Bhatia, S., Al-Harrasi, A., Bungau, S.	CD147-SPIKE PROTEIN INTERACTION IN COVID-19: GET THE BALL ROLLING WITH A NOVEL RECEPTOR AND THERAPEUTIC TARGET	<i>Sci. Tot. Environ.</i> 808	1879-1026	10.753
381.	2022	01	Pal G.; Behl T., Behera R.K.; Chigurupati S.; Chauhan M.; Singh S.; Sharma N.; Aldubayan M.; Felemban S.G.; Farasani A.; Bhatia S.; Bungau S.	EFFECTS OF NITRIC OXIDE MODULATORS AND ANTIOXIDANTS ON ENDOCRINE AND CELLULAR MARKERS OF ACUTE STRESS IN RATS	<i>Biochem. Biophys Res Commun</i> 589	1090-2104	3.322
382.	2022	01	Goyal, A.; Sharma, A.; Kaur, J.; Kumari, S.; Garg, M.; ... Altyar, A.E.; Bungau, S.G.; Abdel-Daim, M.M.	BIOACTIVE-BASED COSMECEUTICALS: AN UPDATE ON EMERGING TRENDS	<i>Molecules</i>	1420-3049	4.927
383.	2022	01	Hassan, S.S.u.; Abbas, S.Q.; Ali, F.; Ishaq, M.; Bano, I.; Hassan, M.; Jin,	A COMPREHENSIVE IN SILICO EXPLORATION OF PHARMACOLOGICAL	<i>Molecules</i>	1420-3049	4.927

			H.-Z.; Bungau, S.G.	PROPERTIES, BIOACTIVITIES, MOLECULAR DOCKING, AND ANTICANCER POTENTIAL OF VIELOPLAIN F FROM XYLOPIA VIELANA TARGETING B-RAF KINASE			
384.	2022	11	Mukherjee T; Behl T.; Sharma S.; Sehgal A.; Kaur I.; ...; Bungau S.	ANTICIPATED PHARMACOLOGICAL ROLE OF AVIPTADIL ON COVID 19.	<i>Environ Sci Pollut Res.</i>	1614-7499	5.19
385.	2022	03	Negru P.A., Radu A.-F., Vesa C.M., Behl T., Abdel-Daim M.M., Nechifor A.C., Endres L., Stoicescu M., Pasca B., Tit D.M., Bungau S.G.	THERAPEUTIC DILEMMAS IN ADDRESSING SARS-CoV-2 INFECTION: FAVIPRAVIR VERSUS REMDESIVIR	<i>Biomed. Pharmacother.</i> 147	1950-6007	7.419
386.	2022	07	Bano I., Soomro A.S., Abbas S.Q., Ahmadi A., ul Hassan S.S., Behl T., Bungau S.	A COMPREHENSIVE REVIEW OF BIOLOGICAL ROLES AND INTERACTIONS OF CULLIN-5 PROTEIN	<i>ACS Omega</i>	2470-1343	4.132
387.	2022	02	Bhatia, S.; Makkar, R.; Behl, T.; Sehgal, A.; Singh, S.; Rachamalla, M.; Mani, V.; Iqbal, M.S.; Bungau, S.G.	BIOTECHNOLOGICAL INNOVATIONS FROM OCEAN: TRANSPIRING ROLE OF MARINE DRUGS IN MANAGEMENT OF CHRONIC DISORDERS	<i>Molecules</i>	1420-3049	4.927
388.	2022	02	Singh S, Behl T, Sharma N, Zahoor I, Chigurupati S, Yadav S, Rachamalla M, Sehgal A, Naved T, Pritima, Arora S, Bhatia S, Al-Harrasi A, Mohan S, Aleya L, Bungau S.	TARGETING THERAPEUTIC APPROACHES AND HIGHLIGHTING THE POTENTIAL ROLE OF NANOTECHNOLOGY IN ATOPIC DERMATITIS	<i>Environ Sci Pollut Res.</i>	1614-7499	5.19
389.	2022	02	Behl, T.; Gupta, A.; Chigurupati, S.; Singh, S.; Sehgal, A.; Badavath, V.N.; Alhowail, A.; Mani, V.; Bhatia, S.; Al-Harrasi, A.; Bungau, S.	NATURAL AND SYNTHETIC AGENTS TARGETING REACTIVE CARBONYL SPECIES AGAINST METABOLIC SYNDROME	<i>Molecules</i>	1420-3049	4.927
390.	2022	02	Behl T., Kaur G., Sehgal A., Zengin G., Singh S., Ahmadi A., Bungau S.	FLAVONOIDS, THE FAMILY OF PLANT DERIVED ANTIOXIDANTS MAKING	<i>Curr. Neuropharmacol.</i>	1875-6190	7.708

				INROADS INTO NOVEL THERAPEUTIC DESIGN AGAINST IR-INDUCED OXIDATIVE STRESS IN PARKINSON'S DISEASE			
391.	2022	05	Bungau S.G., Tit D.M., Vesa C.M., Abid A., Szilagyi D.-V., Radu A.-F. Bungau A.F., Tarce A.G., Behl T., Stoicescu M., et al	NON-CONVENTIONAL THERAPEUTICAL APPROACHES TO ACNE VULGARIS RELATED TO ITS ASSOCIATION WITH METABOLIC DISORDERS	<i>European J. Pharmacol.</i>	0014-2999	5.195
392.	2022	04	Al-Harrasi, A., Behl, T., Upadhyay, T., Chigurupati, ... L., Bungau, S.	TARGETING NATURAL PRODUCTS AGAINST SARS-CoV-2	<i>Environ Sci Pollut Res.</i>	1614-7499	5.19
393.	2022	04	Pantea-Roşan, L.R.; Bungau, S.G*; Radu, A.-F.; Pantea, V.A.; Moisi, M.I.; Vesa, C.M.; et al	A NARRATIVE REVIEW OF THE CLASSICAL AND MODERN DIAGNOSTIC METHODS OF THE NO-REFLOW PHENOMENON	<i>Diagnostics</i>		3.992
394.	2022	04	Majid, M.; Farhan, A.; Asad, M.I.; Khan, M.R.; Hassan, S.S.u.; Haq, I.-u.; Bungau, S.	AN EXTENSIVE PHARMACOLOGICAL EVALUATION OF NEW ANTI-CANCER TRITERPENOID (NUMMULARIC ACID) FROM <i>IPOMOEA BATATAS</i> THROUGH IN VITRO, IN SILICO, AND IN VIVO STUDIES	<i>Molecules</i>	1420-3049	4.927
395.	2022	04	Mot, M.-D.; Gavrilaş, S.; Lupitu, A.I.; Moisa, C.; Chambre, D.; Tit, D.M.; Bogdan, M.A.; Bodescu, A.-M.; Copolovici, L.; Copolovici, D.M.; Bungau, S.G.	<i>SALVIA OFFICINALIS</i> L. ESSENTIAL OIL: CHARACTERIZATION, ANTIOXIDANT PROPERTIES, AND THE EFFECTS OF AROMATHERAPY IN ADULT PATIENTS	<i>Antioxidants</i>	2076-3921	7.675
396.	2022	05	Arya, A., Kaushik D., Almeer R., Bungau S.G., Sayed A.A., Abdel-Daim M.M., Bhatia S., Mittal V.	APPLICATION OF GREEN TECHNOLOGIES IN DESIGN BASED EXTRACTION OF CELASTRUS PANICULATUS (JYOTISHMATI) SEEDS, SEM, GC-MS ANALYSIS AND	<i>Frontiers Nutrition</i>	2296-861X	6.59

				EVALUATION FOR MEMORY ENHANCING POTENTIAL			
397.	2022	12	Sharma, N., Wani, S.N., Behl, T., Singh, S., Zahoor, I., Sehgal, A., Bhatia, S., Al-Harrasi, A., Aleya, L., Bungau S.	FOCUSING COVID-19-ASSOCIATED MUCORMYCOSIS: A MAJOR THREAT TO IMMUNOCOMPROMISED COVID-19	<i>Environ. Sci. Pollut. Res.</i>	1614-7499	5.19
398.	2022	12	Khan, N.U., Qazi, N.G., Khan, A.-u., Ali, F., ul Hassan, S.S., Bungau, S.	ANTI-DIABETIC ACTIVITY OF BRUCINE IN STREPTOZOTOCIN-INDUCED RATS: <i>IN SILICO</i> , <i>IN VITRO</i> , AND <i>IN VIVO</i> STUDIES	<i>ACS Omega</i>	2470-1343	4.132
399.	2022	12	Behl, T., Arora, A., Singl, R.K., Sehgal, A., Makeen, H.A., Albratty, M., Meraya, A.M., Najmi, A., Bungau S.G.	UNDERSTANDING THE ROLE OF “SUNSHINE VITAMIN D” IN PARKINSON’S DISEASE: A REVIEW	<i>Frontiers Pharmacol.</i>	1663-9812	5.988
400.	2022	11	Filipoiu, D.C.; Bungau, S.G.*; Endres, L.; Negru, P.A.; Bungau, A.F.; Pasca, B.; Radu, A.-F.; Tarce, A.G.; Bogdan, M.A.; Behl, T.; Nechifor, A.C.; et al	CHARACTERIZATION OF THE TOXICOLOGICAL IMPACT OF HEAVY METALS ON HUMAN HEALTH IN CONJUNCTION WITH MODERN ANALYTICAL METHODS	<i>Toxics</i>	2305-6304	4.472
401.	2022	09	Negru, P.A., Miculas, D.C., Behl, T., Bungau, A.F., Marin, R.-C., Bungau, S.G.	VIRTUAL SCREENING OF SUBSTANCES USED IN THE TREATMENT OF SARS-CoV-2 INFECTION AND ANALYSIS OF COMPOUNDS WITH KNOWN ACTION ON STRUCTURALLY SIMILAR PROTEINS FROM OTHER VIRUSES	<i>Biomed. Pharmacother.</i>	1950-6007	7.419
402.	2022	11	Hassan, S.; Abbas, S.Q.; Muhammad, I.; Wu, J.-J.; Yan, S.-K.; Ali, F.; Majid, M.; Jin, H.-Z.; Bungau S.	METALS-TRIGGERED COMPOUND CDPDP EXHIBITS ANTI-ARTHRITIC BEHAVIOR BY DOWNREGULATING THE INFLAMMATORY CYTOKINES, AND MODULATING THE OXIDATIVE STORM IN MICE MODELS WITH EXTENSIVE ADMET, DOCKING AND	<i>Frontiers Pharmacol.</i>	1663-9812	5.988

				SIMULATION STUDIES			
403.	2022	11	Aslam, H.; Khan, A-u.; Qazi, N.G.; Ali, F.; ul Hassan, S.S.; Bungau, S.G.	PHARMACOLOGICAL BASIS OF BERGAPTEN IN GASTROINTESTINAL DISEASES FOCUSING ON H + /K + -ATPASE AND VOLTAGE-GATED CALCIUM CHANNEL INHIBITION; TOXICOLOGICAL EVALUATION ON VITAL ORGANS	<i>Frontiers Pharmacol.</i>	1663-9812	5.988
404.	2022	11	Kabra, D.A.; Garg, R.; Brimson, D.M.; Zivkovic, J.; Ayaz, M.; Nawaz, a.; ul Hassan, S.S.; Bungau. S.G.	MECHANISTIC INSIGHTS INTO THE ROLE OF PLANT POLYPHENOLS AND THEIR NANO-FORMULATIONS IN THE MANAGEMENT OF DEPRESSION	<i>Frontiers Pharmacol.</i>	1663-9812	5.988
405.	2022	10	Hassan, S.S.; Samanta, S.; Dash, R.; Karpinski, T.M.; Habibi, E.; Sadiq, A.; Ahmadi, A.; Bungau S.	THE NEUROPROTECTIVE EFFECTS OF Fisetin, A NATURAL FLAVONOID IN NEURODEGENERATIVE DISEASES: FOCUS ON THE ROLE OF OXIDATIVE STRESS	<i>Front. Pharmacol.</i>	1663-9812	5.988
406.	2022	09	Negru, P.A., Miculas, D.C., Behl, T., Bungau, A.F., Marin, R.-C., Bungau, S.G.	VIRTUAL SCREENING OF SUBSTANCES USED IN THE TREATMENT OF SARS-CoV-2 INFECTION AND ANALYSIS OF COMPOUNDS WITH KNOWN ACTION ON STRUCTURALLY SIMILAR PROTEINS FROM OTHER VIRUSES	<i>Biomed. Pharmacother.</i>	1950-6007	7.419
407.	2022	11	Hassan, S.; Abbas, S.Q.; Muhammad, I.; Wu, J.-J.; Yan, S.-K.; Ali, F.; Majid, M.; Jin, H.-Z.; Bungau S.	METALS-TRIGGERED COMPOUND CDPDP EXHIBITS ANTI-ARTHRITIC BEHAVIOR BY DOWNREGULATING THE INFLAMMATORY CYTOKINES, AND MODULATING THE OXIDATIVE STORM IN MICE MODELS WITH EXTENSIVE ADMET, DOCKING AND SIMULATION STUDIES	<i>Frontiers Pharmacol.</i>	1663-9812	5.988
408.	2022	10	Ghufran, M.; Khan, H.A.;	IN SILICO STRATEGIES FOR	<i>Cancers</i>	2072-6694	6.575

			Ullah, M.; Ghufraan, S.; Ayaz, M.; Siddiq, M.; Hassan, S.S.u.; Bungau, S.	DESIGNING OF PEPTIDE INHIBITORS OF ONCOGENIC K-RAS G12V MUTANT: INHIBITING CANCER GROWTH AND PROLIFERATION			
409.	2022	10	Ullah, F.; Ullah, S.; Khan, M.F.A.; Mustaqeem, M.; Paracha, R.N.; Rehman, M.F.u.; Kanwal, F.; Hassan, S.S.u.; Bungau, S.	FLUORESCENT AND PHOSPHORESCENT NITROGEN-CONTAINING HETEROCYCLES AND CROWN ETHERS: BIOLOGICAL AND PHARMACEUTICAL APPLICATIONS	<i>Molecules</i>	1420-3049	4.927
410.	2022	10	Ali, L.; Subhan, F.; Ayaz, M.; Hassan, S.S.u.; Byeon, C.-C.; Kim, J.-S.; Bungau, S.	EXFOLIATION OF MoS ₂ QUANTUM DOTS: RECENT PROGRESS AND CHALLENGES	<i>Nanomaterials</i>	2079-4991	5.719
411.	2022	10	Gul, N.; Haq, Z.U.; Ali, H.; Munsif, F.; Hassan, S.S.u.; Bungau, S.	MELATONIN PRETREATMENT ALLEVIATED INHIBITORY EFFECTS OF DROUGHT STRESS BY ENHANCING ANTI- OXIDANT ACTIVITIES AND ACCUMULATION OF HIGHER PROLINE AND PLANT PIGMENTS AND IMPROVING MAIZE PRODUCTIVITY	<i>Agronomy</i>	2073-4395	3.949
412.	2022	09	Baig M.W., Majid M., Nasir B., Haq I-u, ul Hassan S.S, Bungau S.*	TOXICITY EVALUATION INDUCED BY SINGLE AND 28- DAYS REPEATED EXPOSURE OF WITHAMETELIN AND DATURAOLONE IN SPRAGUE DAWLEY RATS	<i>Front. Pharmacol.</i>	1663-9812	5.988
413.	2022	09	Behl, T.; Gupta, A.; Albratty, M.; Najmi, A.; Meraya, A.M.; Alhazmi, H.A.; Anwer, M.K.; Bhatia, S.; Bungau, S.G.	ALKALOIDAL PHYTOCONSTITUENTS FOR DIABETES MANAGEMENT: EXPLORING THE UNREVEALED POTENTIAL	<i>Molecules</i>	1420-3049	4.927
414.	2022	09	Qazi, N.G.; Khan, A.-u.; Abbasi, S.W.; Shah, F.A.; Rasheed, F.; Ali, F.; Hassan, S.S.u.; Bungau, S.	PHARMACOLOGICAL BASIS OF <i>RUMEX HASTATUS</i> D. DON IN GASTROINTESTINAL DISEASES WITH FOCUSING EFFECTS ON H ⁺ /K ⁺ -ATPASE,	<i>Molecules</i>	1420-3049	4.927

				CALCIUM CHANNELS INHIBITION AND PDE MEDIATED SIGNALING: TOXICOLOGICAL EVALUATION ON VITAL ORGANS			
415.	2022	09	Kiriş, B.; Aşçı, Y.S.; Zahoor, M.; Hassan, S.S.u.; Bungau, S.	SEPARATION OF MANDELIC ACID BY A REACTIVE EXTRACTION METHOD USING TERTIARY AMINE IN DIFFERENT ORGANIC DILUENTS	<i>Molecules</i>	1420-3049	4.927
416.	2022	07	Kandhwal, M., Behl, T., singh, S., Sharma, N., Arora, S., Bhatia, S., Al-Harrasi, a., Sachdeva, M., Bungau, S.	ROLE OF MATRIX METALLOPROTEINASE IN WOUND HEALING	<i>Am. J. Translat. Res.</i>	1943-8141	3.94
417.	2022	09	Grover, M.; Behl, T.; Virmani, T.; Sanduja, M.; Makeen, H.A.; Albratty, M.; Alhazmi, H.A.; Meraya, A.M.; Bungau, S.G.	EXPLORATION OF CYTOTOXIC POTENTIAL OF LONGIFOLENE/JUNIPENE ISOLATED FROM <i>CHRYSOPOGON ZIZANIOIDES</i>	<i>Molecules</i>	1420-3049	4.927
418.	2022	08	Khan, F.A.; Ali, G.; Rahman, K.; Khan, Y.; Ayaz, M.; Mosa, O.F.; Nawaz, A.; Hassan, S.S.u.; Bungau, S.	EFFICACY OF 2-HYDROXYFLAVANONE IN RODENT MODELS OF PAIN AND INFLAMMATION: INVOLVEMENT OF OPIOIDERGIC AND GABAERGIC ANTI-NOCICEPTIVE MECHANISMS	<i>Molecules</i>	1420-3049	4.927
419.	2022	08	Razzaq, S.; Minhas, A.M.; Qazi, N.G.; Nadeem, H.; Khan, A.-u.; Ali, F.; Hassan, S.S.u.; Bungau, S.	NOVEL ISOXAZOLE DERIVATIVE ATTENUATES ETHANOL-INDUCED GASTRIC MUCOSAL INJURY THROUGH INHIBITION OF H ⁺ /K ⁺ -ATPASE PUMP. OXIDATIVE STRESS AND INFLAMMATORY PATHWAYS	<i>Molecules</i>	1420-3049	4.927
420.	2022	09	Behl, T., Gupta, A., Sehgal, A., Albarrati, A.,	EXPLORING PROTEIN TYROSINE PHOSPHATASES	<i>Biomed. Pharmacother.</i>	1950-6007	7.419

			Albratty, M.; Meraya, A.M.; A. Najmi, Bhatia, S., Bungau, S.	(PTP) AND PTP-1B INHIBITORS IN MANAGEMENT OF DIABETES MELLITUS			
421.	2022	07	Sharma, V.; Gautam, D.N.S.; Radu, A.-F.; Behl, T.; Bungau, S.G.*; Vesa, C.M.	REVIEWING THE TRADITIONAL/MODERN USES, PHYTOCHEMISTRY, ESSENTIAL OILS/EXTRACTS AND PHARMACOLOGY OF <i>EMBELIA RIBES</i> BURM	<i>Antioxidants</i>	2076-3921	7.675
422.	2022	07	Khuntia, A.; Martorell, M.; Ilango, K.; Bungau, S.G.*; Radu, A.F.; Behl, T.; Sharifi-Rad, J.	THEORETICAL EVALUATION OF CLEOME SPECIES' BIOACTIVE COMPOUNDS AND THERAPEUTIC POTENTIAL: A LITERATURE REVIEW	<i>Biomed. Pharmacother.</i>	1950-6007	7.419
423.	2022	06	Mahmood, F.; Khan, J.A.; Mahnashi, M.H.; Jan, M.S.; Javed, M.A.; Rashid, U.; Sadiq, A.; Hassan, S.S.u.; Bungau, S.	ANTI-INFLAMMATORY, ANALGESIC AND ANTIOXIDANT POTENTIAL OF NEW (2S,3S)-2-(4-ISOPROPYLBENZYL)-2-METHYL-4-NITRO-3-PHENYLBUTANALS AND THEIR CORRESPONDING CARBOXYLIC ACIDS THROUGH IN VITRO, IN SILICO AND IN VIVO STUDIES	<i>Molecules</i>	1420-3049	4.927
424.	2022	06	Behl, T.; Singh, S.; Sharma, N.; Zahoor, I.; Albarrati, A.; Albratty, M.; Meraya, A.M.; Najmi, A.; Bungau, S.	EXPATIATING THE PHARMACOLOGICAL AND NANOTECHNOLOGICAL ASPECTS OF THE ALKALOIDAL DRUG BERBERINE: CURRENT AND FUTURE TRENDS	<i>Molecules</i>	1420-3049	4.927
425.	2022	06	Matei, O.-R.; Dumitrescu Silaghi, L.; Dunca, E.-C.; Bungau, S.G.*; Tit, D.M.; Mosteanu, D.-E.; Hodis, R.	STUDY OF CHEMICAL POLLUTANTS AND ECOLOGICAL RECONSTRUCTION METHODS IN THE TISMANA I QUARRY, ROVINARI BASIN, ROMANIA	<i>Sustainability</i>	2071-1050	3.889
426.	2022	05	Nechifor, G.; Grosu, A.R.; Ferencz, A.; Tanczos, S.-K.; Goran, A.; Grosu, V.-	SIMULTANEOUS RELEASE OF SILVER IONS AND 10-UNDECENOIC ACID FROM	<i>Membranes</i>	2077-0375	4.562

			A.; Bungău, S.G.; Păncescu, F.M.; Albu, P.C.; Nechifor, A.C.	SILVER IRON–OXIDE NANOPARTICLES IMPREGNATED MEMBRANES			
427.	2022	05	Behl, T.; Makkar, R.; Sehgal, A.; Singh, S.; Makeen, H.A.; Albratty, M.; Alhazmi, H.A.; Meraya, A.M.; Bungau, S.	EXPLORATION OF MULTIVERSE ACTIVITIES OF ENDOCANNABINOID IN BIOLOGICAL SYSTEMS	<i>Int. J. Mol. Sci.</i>	1422-0067	6.208
428.	2023	01	Anda Ioana Gratiela Petrehele, Narcis Duteanu, Mona Claudia Morgovan, Sanda Monica Filip, Stefania Ciocan, Eleonora Marian	Characterisation of Monolacunary Keggin Monovanado- decatungstophosphate and Its Complexes with Transition Metal Cations	Materials, 16 (2)	1996-1944	3.4
429.	2023	12	Badea, G.E.; Fodor, A.; Petrehele, A.I.G.; Maior, I.; Toderas, M.; Morgovan, C.M.	Evaluation of Phosphopolyoxometalates with Mixed Addenda (Mo, W, V) as Corrosion Inhibitors for Steels	Materials, 16(24)	1996-1944	3.4
430.	2023	07	A. Fodor, D. C. Nistor Cseppento, G.E. Badea, A. I. Petrehele, A. Groze, D.M. Tit, S. G. Bungau	Colloidal Gold Immunochromatography and ELISA Traceability of Tetracycline Residues from Raw Milk to its Dairy Products	In Vivo 37(4)	1791-7549	2.406
431.	2023	12	Pavel, F.M.; Bungau, S.G.*; Tit, D.M.; Ghitea, T.C.; Marin, R.C.; Radu, A.-F.; Moleriu, R.D.; Ilias, T.; Bustea, C.; Vesa, C.M.	Clinical Implications of Dietary Probiotic Supplement (Associated with L-Glutamine and Biotin) in Ulcerative Colitis Patients' Body Composition and Quality of Life	Nutrients 2023, 15, 5049	2072-6643	5.9
432.	2023	11	Bungau, S.G.; Vesa, C.M.; Bustea, C.; Purza, A.L.; Tit, D.M.; Brisc, M.C.; Radu, A.-F.	Antioxidant and Hypoglycemic Potential of Essential Oils in Diabetes Mellitus and Its Complications	<i>Int. J. Mol. Sci.</i> 2023, 24, 16501	1422-0067	5.6
433.	2023	10	Zafar, A.; Wasti, Y.; Majid, M.; Muntaqua, D.; Bungau, S.G.; Haq, I.u.	<i>Artemisia brevifolia</i> Wall. Ex DC Enhances Cefixime Susceptibility by Reforming Antimicrobial Resistance	Antibiotics 2023, 12, 1553	2079-6382	4.8

434.	2023	10	Foghis, M.; Tit, D.M.; Bungau, S.G.*; Ghitea, T.C.; Pallag, C.R.; Foghis, A.M.; Behl, T.; Bustea, C.; Pallag, A	Highlighting the Use of the Hepatoprotective Nutritional Supplements among Patients with Chronic Diseases	Healthcare 2023, 11, 2685	2685-404X	2.8
435.	2023	11	Sharma, N.; Tiwary, N.; Behl, T.; Singh, S.; Gupta, S.; Anwer, M.K.; Vargas-De-La-Cruz, C.; Yadav, S.; Bungau, S.G..	Traversing the Vivid Pharmacological and Nanotechnological Facets of Genistein: Insights into the Past, Present and Future Trends	BioNanoSci.	1557-7929	3.0
436.	2023	09	Haş, I.M.; Tit, D.M.; Bungau, S.G.*; Pavel, F.M.; Teleky, B.-E.; Vodnar, D.C.; Vesa, C.M.	Cardiometabolic Risk: Characteristics of the Intestinal Microbiome and the Role of Polyphenols	Int. J. Mol. Sci. 2023, 24, 13757	1422-0067	5.6
437.	2023	09	Bungau, A.F.; Radu, A.-F.; Bungau, S.G.*; Vesa, C.M.; Tit, D.M.; Purza, A.L.; Endres, L.M.	Emerging Insights into the Applicability of Essential Oils in the Management of Acne Vulgaris	Molecules 2023, 28, 6395	1420-3049	4.6
438.	2023	12	Behl, T.; Vishakha, A.K.; Sehgal, A.; Singh, S.; Sharma, N.; Yadav, S.; Rashid, S.; Ali, N.; Ahmed, A.S.; Vargas-De-La-Cruz, C.; Bungau, S.G.; Khan, H.	Understanding the Mechanistic Pathways and Clinical Aspects associated with Protein and Gene-Based Biomarkers in Breast Cancer	Macromolec. 2023, 253, Part 1, 126595	1520-5835	8.2
439.	2023	08	Bodea, F.; Bungau, S.G.*; Negru, A.P.; Radu, A.; Tarce, A.G.; Tit, D.M.; Bungau, A.F.; Bustea, C.; Behl, T.; Radu, A.-F.	Exploring New Therapeutic Avenues for Ophthalmic Disorders: Glaucoma-Related Molecular Docking Evaluation and Bibliometric Analysis for Improved Management of Ocular Diseases	Bioengineering 2023, 10, 983	2764-622X	4.6
440.	2023	09	Aqeel, M.T.; Rahman,	Cardioprotective effect of 2-	Biomed.	1950-6007	7.5

			N.-u.; Khan, A.-u.; Khan, M.T.; Ashraf, Z.; ul Hassan, S.S.; Bungau, S.G.*; Majid, M.	methoxy phenol derivatives against oxidative stress-induced vascular complications: An integrated in vitro, in silico, and in vivo investigation	Pharmacother, 165, 2023, 115240		
441.	2023	07	Bodea, F.; Bungau, S.G.*; Bogdan, M.A.; Vesa, C.M.; Radu, A.; Tarce, A.G.; Purza, A.L.; Tit, D.M.; Bustea, C.; Radu, A.-F.	Micropulse Laser Therapy as an Integral Part of Eye Disease Management	Medicina 2023, 59, 1388	1648-9144	2.6
442.	2023	07	Gitea, M.A.; Gitea, D.; Mirela Tit, D.; Bungau, S.G.e; Bogdan, M.A.; Radu, A.-F.; Dulf, F.V.; Pasca, M.B.	Organically Cultivated Vine Varieties—Distinctive Qualities of the Oils Obtained from Grape Seeds	Sustainability 2023, 15, 11037	2071-1050	3.9
443.	2023	07	Badshah, I.; Qazi, N.G.; Ali, F.; Minhas, A.M.; Alvi, A.M.; Kandeel, M.; Imran, M.; ul Hassan, S.S.; Bungau, S.G.*	Emodin alleviates chronic constriction injury-induced neuropathic pain and inflammation via modulating PPAR-gamma pathway.	S. PloS One.	1932-6903	3.7
444.	2023	07	Iovanovici, D.C.; Negru, A.-G.; Nistor Cseppento, D.C.; Bochis, C.F.; Dogaru, B.G.; Jurcau, A.; Babes, E.E.; Pascalau, N.A.; Ghitea, T.C.; Bungau, A.F.; Bungau, S.G.	Usefulness of the Edmonton Frail Scale in Assessing the Impact of Heart Failure on Frailty	In Vivo 37(4)	1791-7549	2.406
445.	2023	06	Radu, A.-F.; Negru, P.A.; Radu, A.; Tarce, A.G.; Bungau, S.G.*; Bogdan, M.A.; Tit, D.M.; Uivaraseanu, B.	Simulation-Based Research on Phytoconstituents of Embelia ribes Targeting Proteins with Pathophysiological Implications in Rheumatoid Arthritis	Life 2023, 13, 1467	2075-1729	3.2
446.	2023	08	Nigam, M., Mishra, A.P., Deb, V.K., Dimri, D.B., Tiwari, V.,	Evaluation of the association of chronic inflammation and cancer: Insights and	Biomed. Pharmacother. 2023, 164, 115015	1950-6007	7.5

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447.	2023	09	Bungau, A.F.; Radu, A.-F.; Bungau, S.G*.; Vesa, C.M.; Tit, D.M.; Purza, A.L.; Endres, L.M.	Emerging Insights into the Applicability of Essential Oils in the Management of Acne Vulgaris	Molecules 2023, 28, 6395	1420-3049	4.6
448.	2023	06	Radu, A.-F.; Bungau, S.G.; Negru, A.P.; Uivaraseanu, B.; Bogdan, M.A.	Novel Potential Janus Kinase Inhibitors with Therapeutic Prospects in Rheumatoid Arthritis Addressed by In Silico Studies	Molecules 2023, 28, 4699	1420-3049	4.6
449.	2023	06	Makar, R.; Sehgal, A.; Singh, S.; Sharma, N.; Rashid, S.; Vargas-De-La-Cruz, C.; Yadav, S.; Bungau, S.G., Behl, T.	Current Trends in Epigenetic, Cellular and Molecular Pathways in Management of Rheumatoid Arthritis	Inflammopharmacology	1568-5608	5.8
450.	2023	06	Bustea, C.; Bungau, A.F.; Tit, D.M.; Iovanovici, D.C.; Toma, M.M.; Bungau, S.G.; Radu, A.-F.; Behl, T.; Cote, A.; Babes, E.E.	The Rare Condition of Left Ventricular Non-Compaction and Reverse Remodeling	Life 2023, 13, 1318	2075-1729	3,2
451.	2023	08	Muhammad, I.; ul Hassan, S.S.; Xu, W.-J.; Tu, G.-L.; Yu, H.-J.; Xiao, X.; Yan, S.-K.; Jin, H.-Z.; Bungau, S.	An extensive pharmacological evaluation of novel anti-nociceptive and IL-6 targeted anti-inflammatory guaiane-type sesquiterpenoids from Cinnamomum migao H. W. Li through in-depth in-vitro, ADMET, and molecular docking studies	Biomed. Pharmacother. 2023, 164, 114946	1950-6007	7.5
452.	2023	07	Sharma, A.; Sharma, C.; Shah, O.P.; Chigurupati, S.; Ashokan, B.; Meerasa, S.S.; Rashid, S.; Behl, T.; Bungau,	Understanding the mechanistic potential of plant based Phytochemicals in Management of Postmenopausal Osteoporosis	Biomed. Pharmacother. 2023, 163, 114850	1950-6007	7.5

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453.	2023	04	Gheorghe, G.; Diaconu, C.C.; Bungau, S*.; Bacalbasa, N.; Motas, N.; Ionescu, V.-A.	Biliary and Vascular Complications after Liver Transplantation—From Diagnosis to Treatment	Medicina 2023, 59, 850	1648-9144	2.6
454.	2023	04	Khan, S.U.; Khan, M.U.; Azhar, M.; Khan, I.M.; Bungau, S.G.*; ul Hassan, S.S.	Reprogramming tumor-associated macrophages (TAM) as a unique approach to target tumor immunotherapy. Frontiers in Immunology	Cancer Immunity and Immunotherapy 2023, 14	1422-0067	7.3
455.	2023	06	Sharma, A.; Behl, T.; Sharma, L.; Shah, O.P.; Yadav, S.; Sachdeva, M.; Rashid, S.; Bungau, S.G.*; Bustea C.	Exploring the molecular pathways and therapeutic implications of angiogenesis in neuropathic pain	Biomed. Pharmacother. 2023, 152, 114693	1950-6007	7.5
456.	2023	06	Radu, A.-F., Bungau, S.G*.	Nanomedical Approaches in the realm of rheumatoid arthritis	Ageing Res. Rev. 2023, 101927	1568-1637	13.1
457.	2023	04	Bustea, C.; Tit, D.M.; Bungau, A.F.; Bungau, S.G.; Pantea, V.A.; Babes, E.E.; Pantea-Roșan, L.R..	Predictors of Readmission after the First Acute Coronary Syndrome and the Risk of Recurrent Cardiovascular Events—Seven Years of Patient Follow-Up	Life 2023, 13, 950	2075-1729	3.2
458.	2023	03	Pascalau, N.A.; Radu, A.-F.; Cseppento, D.C.N.; Andronie-Cioara, F.L.; Jurcau, A.; Mos, C.; Bungau, A.F.; Bungau, S.G.	An Evidence-Based Update on the Potential Association between Rheumatoid Arthritis and Lymphangioliomyomatosis	J. Pers. Med. 2023, 13, 607	1744-828X	2.3
459.	2023	03	Singh, S.; Sharma, N.; Shukla, S.; Behl, T.; Gupta, S.; Anwer, M.K.; Vargas-De-La-Cruz, C.; Bungau, S.G.*; Brisc, C.	Understanding the Potential Role of Nanotechnology in Liver Fibrosis: A Paradigm in Therapeutics	Molecules 2023, 28, 2811	1420-3049	4.6
460.	2023	02	Păncescu, F.M.; Rikabi, A.A.K.K.; Oprea, O.C.;	Chitosan–sEPDM and Melatonin–Chitosan–sEPDM	Membranes 2023, 13, 282	2077-0375	4.2

			Grosu, A.R.; Nechifor, A.C.; Grosu, V.-A.; Tanczos, S.-K.; Dumitru, F.; Nechifor, G.; Bungău, S.G.	Composite Membranes for Melatonin Transport and Release			
461.	2023	02	Arora, A.; Behl, T.; Sehgal, A.; Singh, S.; Sharma, N.; Abdellatif, A.A.H.; Dailah, H.G.; Bhatia, S.; Al-Harrasi, A.; Aleya, L.; Bungau, S.	Elucidating the promising role of traditional Chinese medicine in neuroprotection against oxidative stress encompassing Alzheimer's disease	Environ Sci Pollut Res	1614-7499	5.8
462.	2023	05	Marin, R.C.; Bungau, S.G.; Tit, D.M.; Negru, P.A.; Radu, A.-F.; Moleriu, R.D.	Immune recovery among Romanian HIV/AIDS patients receiving darunavir/ritonavir or darunavir/cobicistat regimens in cART management: A three-year study	Biomed. Pharmacother. 2023, 161, 114427	1950-6007	7.5
463.	2023	02	Singh, S.; Grewal, S.; Sharma, N.; Behl, T.; Gupta, S.; Anwer, M.K.; Vargas-De-La-Cruz, C.; Mohan, S.; Bungau, S.G.*; Bumbu, A.	Unveiling the Pharmacological and Nanotechnological Facets of Daidzein: Present State-of-the-Art and Future Perspectives	Molecules 2023, 28, 1765	1420-3049	4.6
464.	2023	01	Sharma, A.; Sharma, L.; Nandy, S.K.; Payal, N.; Yadav, S.; Vargas-De-La-Cruz, C.; Anwer, M.K.; Khan, H.; Behl, T.; Bungau, S.G.	Molecular Aspects and Therapeutic Implications of Herbal Compounds Targeting Different Types of Cancer	Molecules 2023, 28, 750	1420-3049	4.6
465.	2023	01	Manhavi, A.; Shahriari-Khalaji, M.; Hosseinpour, B.; Ahangarian, M.; Aidun, A.; Bungau, S.*; ul Hassan, S.S.	Evaluation of Cell Adhesion and Osteoconductivity in Bone Substitutes Modified by Polydopamine	Frontiers Bioeng. Biotech.	2296-4185	5.7
466.	2023	02	Foghis, M.M.; Bungau,	Plants-based medicine	Biomed.	1950-6007	7.5

			S.G.*; Bungau, A.F.; Vesa, C.M.; Purza, A.L.; Tarce, A.G.; Tit, D.M.; Pallag, A.; Behl, T.; ul Hassan, S.S.; Radu, A.-F.	implications in the evolution of chronic liver diseases	Pharmacother. 2023, 114207		
467.	2023	01	Behl, T.; Kaur, I.; Sehgal, A.; Singh, S.; Sharma, N.; Gupta, S.; Albratty, M.; Najmi, A.; Alhazmi, H.A.; Bungau, S.	AchE as a Spark in the Alzheimer's Blaze – Antagonizing Effect of a Cyclized Variant	Ageing Research Reviews 2023, 83, 101787	1568-1637	13.1
468.	2023	01	Ghufran, M.; Ullah, M.; Khan, H.A.; Ghufran, S.; Ayaz, M.; Siddiq, M.; Abbas, S.Q.; Hassan, S.S.u.; Bungau, S.	In-Silico Lead Druggable Compounds Identification against SARS COVID-19 Main Protease Target from In-House, Chembridge and Zinc Databases by Structure-Based Virtual Screening, Molecular Docking and Molecular Dynamics Simulations	Bioengineering 2023, 10, 100	2764-622X	4.6
469.	2023	01	Gitea, M.A.; Bungau, S.G.*; Gitea, D.; Pasca, B.M.; Purza, A.L.; Radu, A.-F.	Evaluation of the Phytochemistry–Therapeutic Activity Relationship for Grape Seeds Oil	Life 2023, 13, 178	2075-1729	3.2
470.	2023	01	Khan, S.U.; Khan, M.I.; Khan, M.U.; Khan, N.M.; Bungau, S.*; Hassan, S.S.u.	Applications of Extracellular Vesicles in Nervous System Disorders: An Overview of Recent Advances	Bioengineering 2023, 10, 51	2764-622X	4.6
471.	2023	01	Majid, M.; Farhan, A.; Baig, M.W.; Khan, M.T.; Kamal, Y.; Hassan, S.S.u.; Bungau, S.*; Haq, I.-u.	Ameliorative Effect of Structurally Divergent Oleanane Triterpenoid, 3-Epifriedelinol from Ipomoea batatas against BPA-Induced Gonadotoxicity by Targeting PARP and NF-κB Signaling in Rats	Molecules 2023, 28, 290	1420-3049	4.6
472.	2023	01	Miculas, D.C.; Negru,	Pharmacotherapy Evolution in	Cells 2023, 12, 131	2073-4409	6

			P.A.; Bungau, S.G.*; Behl, T.; Hassan, S.S.u.; Tit, D.M.	Alzheimer's Disease: Current Framework and Relevant Directions			
473.	2023	01	Singh, S.; Sharma, N.; Zahoor, I.; Behl, T.; Antil, A.; Gupta, S.; Anwer, M.K.; Mohan, S.; Bungau, S.G.	Decrypting the Potential of Nanotechnology-Based Approaches as Cutting-Edge for Management of Hyperpigmentation Disorder	Molecules 2023, 28, 220	1420-3049	4.6
474.	2023	04	Behl, T.; Rana, T.; Sehgal, A.; Sharma, N.; Albarrati, A.; Albratty, M.; Makeen, H.A.; Najmi, A.; Verma, R.; Bungau, S.G.	Exploring the multifocal role of Phytoconstituents as Antidepressants. Progress Neuropsychopharmacol	Biological Psychiatry 2023, 110693	2667-1743	5.6
475.	2023		L. Marcu, M. Dell'Oro, E. Bezak	Opportunities in cancer therapies: Deciphering the role of cancer stem cells in tumour repopulation.	Int J Molecular Sciences 24, 17258		5.6
476.	2023		N. Buciuman, L. Marcu	Dosimetric and clinical aspects of head and neck cancer reirradiation with intensity modulated radiotherapy techniques over the last decade.	Physica Medica 112:102650		3.4
477.	2023		D. Ghemis, L. Marcu, V. Virag, A. Virag	Dosimetric characteristics of 6MV flattening filter free and flattened beams among beam-matched linacs: a three-institutional study.	Radiat Oncol 18:126		3.6
478.	2023		B. Byrne, L. Marcu, L. Mazzoni, C. Caruana, A. Barry, G. Martín Martín, M. Stasi, S. Ruiz, A. Lopez Medina, K. Platoni, AJ Maas, S. Agius, E. Koutsouveli, P. Gilligan	EFOMP Malaga Declaration 2023: an updated vision on Medical Physics in Europe	Physica Medica 111:102620		3.4

479.	2023		I. Gazsi, L. Marcu	Dosimetric evaluation of the benefits of intensity modulated techniques in cervical cancer radiotherapy	Romanian Journal of Physics 68(7-8), 702		1.5
480.	2023		C. Caruana, R. Amos, D. Burgos, S. Heukelom, M. Jeremic, P. Julkunen, V. Karenauskaite, L. Marcu, E. Papanastasiou, C. Pesznyak	EFOMP Policy Statement 18: Medical physics education for the non-physics healthcare professions	Physica Medica 111:102602		3.4
481.	2023		E. Bezak, C. Borrás, F. Hasford, N. Karmaker, A. Keyser, M. Stoeva, C. Trauernicht, C.H. Yeong, L. Marcu	Science diplomacy in medical physics – an international perspective	Health & Technology 13(3):495-503		2.5
482.	2023		D. Ghemis, L. Marcu	Dosimetric parameters in hypofractionated stereotactic radiotherapy for brain metastases: do flattening filter-free beams bring benefits? A preliminary study.	Cancers 15(3): 678		5.2
483.	2023		D. Marcu, C. Grava, L. Marcu	Current role of delta-radiomics in head and neck oncology	Int J Molecular Sciences 24(3):2214		5.6
484.	2023		L. Marcu, L. Moghaddasi, E. Bezak	Cannot target what cannot be seen: molecular imaging of cancer stem cells	Int J Molecular Sciences 24(2):1524		5.6
485.	2023		A. Ebert, M. Short, L. Pule, LG Marcu, E. Buckley	Variations in patterns of care of rectal cancer patients in South Australia according to sociodemographic characteristics – a registry study	Eur J Cancer Care article ID:7974059		2.1
486.	2023		Moca, C.P., Werner, M.A., Valli, A., Prosen, T., Zaránd, G.	Kardar-Parisi-Zhang scaling in the Hubbard model	Physical Review B 108(23),235139		3.7

487.	2023		Tichai, A., Knecht, S., Kruppa, A.T., (...), Werner, M.A., Zarand, G.	Combining the in-medium similarity renormalization group with the density matrix renormalization group: Shell structure and information entropy	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics		4.4
488.	2023		Werner, M.A., Moca, C.P., Kormos, M., (...), Dóra, B., Zaránd, G.	Spectroscopic evidence for engineered hadronic bound state formation in repulsive fermionic SU(N) Hubbard systems	Physical Review Research 5(4),043020		4.2
489.	2023		Sticlet, D., Moca, C.P., Dóra, B.	Correlations at higher-order exceptional points in non-Hermitian models	Physical Review B 108(7),075133		3.7
490.	2023		Ostahie, B., Sticlet, D., Moca, C.P., (...), Asbóth, J.K., Zaránd, G.	Multiparticle quantum walk: A dynamical probe of topological many-body excitations	Physical Review B 108(3),035126		3.7
491.	2023		Dóra, B., Werner, M.A., Moca, C.P.	Quantum quench dynamics in the Luttinger liquid phase of the Hatano-Nelson model	Physical Review B 108(3),035104		3.7
492.	2023		Moca, C.P., Sticlet, D., Dóra, B., Zaránd, G.	PT-symmetry phase transition in a Bose-Hubbard model with localized gain and loss	Physical Review B 107(11),115111		3.7
493.	2023		Hanga-Farcaş, A., Miere, F., Filip, G.A., (...), Filip, S.M., Muresan, M.E.	Phytochemical Compounds Involved in the Bone Regeneration Process and Their Innovative Administration: A Systematic Review	Plants 12(10),2055		4.5
494.	2023		Murvai, G.F., Hozan, C.T., Ghitea, T.C., Cavalu, S.	Unlocking the Secrets of Post-Surgical Flexion: The Vital Role of Rehabilitation in Total Knee Arthroplasty Recovery	Prosthesis 5(4), pp. 1357-1368		3.4
495.	2023		Pijuan, J., Moreno, D.F., Yahya, G., (...), Metwally, K., Cavalu, S.	Regulatory and pathogenic mechanisms in response to iron deficiency and excess in fungi	Microbial Biotechnology 16(11), pp. 2053-2071		5.7
496.	2023		Tirla, A., Timar, A.V., Becze, A., (...),	Designing New Sport Supplements Based on Aronia	Molecules 28(19),6944		4.6

			Popoviciu, M.S., Cavalu, S.	melanocarpa and Bee Pollen to Enhance Antioxidant Capacity and Nutritional Value			
497.	2023		Marica, A., Fritea, L., Banica, F., (...), Costea, T.O., Cavalu, S.	Evaluating the bioactivity of endodontic sealers with respect to their thermo-nanomechanical properties	Materials Science-Poland 41(3), pp. 126-139		1.1
498.	2023		Murvai, G.F., Hozan, C.T., Magheru, C., (...), Cavalu, S., Ghitea, T.C.	Highlighting the Advantages and Benefits of Non-NSAID Treatment After Total Knee Arthroplasty: A Cross-sectional Study	In Vivo 37(5), pp. 2371-2380		2.3
499.	2023		Popoviciu, M.S., Paduraru, L., Nutas, R.M., (...), Metwally, K., Cavalu, S.	Diabetes Mellitus Secondary to Endocrine Diseases: An Update of Diagnostic and Treatment Particularities	International Journal of Molecular Sciences 24(16),12676		5.6
500.	2023		Saber, S., Hasan, A.M., Mohammed, O.A., (...), Abdel-Reheim, M.A., Cavalu, S	Ganetespib (STA-9090) augments sorafenib efficacy via necroptosis induction in hepatocellular carcinoma: Implications from preclinical data for a novel therapeutic approach	Biomedicine and Pharmacotherapy 164,114918		7.5
501.	2023		Popoviciu, M.-S., Păduraru, L., Yahya, G., Metwally, K., Cavalu, S.	Emerging Role of GLP-1 Agonists in Obesity: A Comprehensive Review of Randomised Controlled Trials	International Journal of Molecular Sciences 24(13),10449		5.6
502.			Cavalu, S., Beteg, F., Pasca, P.M., (...), Cheregi, C., Manole, F.	Collagenic membranes modified with natural compound for improved bio-integration: structural, morphological and histological analysis	Digest Journal of Nanomaterials and Biostructures 18(3), pp. 783-792		0.9
503.	2023		Maryam, S., Krukiewicz, K., Haq, I.U., (...), Yahya, G., Cavalu, S.	Interleukins (Cytokines) as Biomarkers in Colorectal Cancer: Progression, Detection, and Monitoring	Journal of Clinical Medicine 12(9),3127		3.9
504.	2023		Abdelhady, R., Cavalu,	Mirtazepine, an atypical	Biomedicine and		7.5

			S., Saber, S., (...), Shata, A., Elgharabawy, R.M.	antidepressant, mitigates lung fibrosis by suppressing NLRP3 inflammasome and fibrosis-related mediators in endotracheal bleomycin rat model	Pharmacotherapy 161,114553		
505.	2023		Haq, I.U., Krukiewicz, K., Tayyab, H., (...), Yahya, G., Cavalu, S.	Molecular Understanding of ACE-2 and HLA-Conferred Differential Susceptibility to COVID-19: Host-Directed Insights Opening New Windows in COVID-19 Therapeutics	Journal of Clinical Medicine 12(7),2645		3.9
506.	2023		Choudhary, N., Yadav, V.K., Ali, H., (...), Cavalu, S., Patel, A.	Remediation of Methylene Blue Dye from Wastewater by Using Zinc Oxide Nanoparticles Loaded on Nanoclay	Water (Switzerland) 15(7),1427		3.4
507.	2023		Youssef, M.E., Yahya, G., Popoviciu, M.S., (...), Abd-Eldayem, M.A., Saber, S.	Unlocking the Full Potential of SGLT2 Inhibitors: Expanding Applications beyond Glycemic Control	International Journal of Molecular Sciences 24(7),6039		5.6
508.	2023		Popoviciu, M.S., Kaka, N., Sethi, Y., (...), Chopra, H., Cavalu, S.	Type 1 Diabetes Mellitus and Autoimmune Diseases: A Critical Review of the Association and the Application of Personalized Medicine	Journal of Personalized Medicine 13(3),422		3.5
509.	2023		Rajendran, S., Wanale, S.G., Gacem, A., (...), Yadav, K.K., Cavalu, S.	Nanostructured Iron Oxides: Structural, Optical, Magnetic, and Adsorption Characteristics for Cleaning Industrial Effluents	Crystals 13(3),472		2.7
510.	2023		Ali, I., Rasheed, M.A., Cavalu, S., (...), Goh, L.P.W., Popoviciu, M.S.	Identification of Natural Lead Compounds against Hemagglutinin-Esterase Surface Glycoprotein in Human Coronaviruses Investigated via MD Simulation, Principal Component Analysis, Cross-Correlation, H-Bond Plot and	Biomedicines 11(3),793		4.7

				MMGBSA			
511.	2023		Ciorba, A.-L., Roiu, G., Abdelhamid, A.M., Saber, S., Cavalu, S.	Evaluation of the Corneal Endothelium Following Cataract Surgery in Diabetic and Non-Diabetic Patients	Diagnostics 13(6),1115		3.6
512.	2023		Sethi, Y., Patel, N., Kaka, N., (...), Chopra, H., Cavalu, S.	Precision Medicine and the future of Cardiovascular Diseases: A Clinically Oriented Comprehensive Review	Journal of Clinical Medicine 12(5),1799		3.9
513.	2023		Youssef, M.E., Cavalu, S., Hasan, A.M., (...), Abd-Eldayem, M.A., Saber, S.	Role of Ganetespib, an HSP90 Inhibitor, in Cancer Therapy: From Molecular Mechanisms to Clinical Practice	International Journal of Molecular Sciences 24(5),5014		5.6
514.	2023		Kumar, D., Aggarwal, N., Deep, A., (...), Marwaha, R.K., Cavalu, S.	An Understanding of Mechanism-Based Approaches for 1,3,4-Oxadiazole Scaffolds as Cytotoxic Agents and Enzyme Inhibitors	Pharmaceuticals 16(2),254		4.6
515.	2023		Maryam, S., Ul Haq, I., Yahya, G., (...), Saber, S., Cavalu, S.	COVID-19 surveillance in wastewater: An epidemiological tool for the monitoring of SARS-CoV-2	Frontiers in Cellular and Infection Microbiology 12,978643		5.7
516.	2023		Mohamed, N.H., Yahya, G., Bayoumi, R.M.E., (...), Darwish, W.S., Nasr, E.A.A.	Detection and health risk assessment of toxic heavy metals in chilled and frozen meat collected from Sharkia province in Egypt	Open Veterinary Journal 13(12), pp. 1729-1737		1.2
517.	2023		Patel, N., Sethi, Y., Kaka, N., (...), Emran, T.B., Cavalu, S.	Acute Hepatitis of Unknown Origin in Pediatric Age Group: Recent Outbreaks and Approach to Management	Journal of Clinical Medicine 12(1),9		3.9
518.	2023		Sethi, Y., Murli, H., Kaiwan, O., (...), Popoviciu, M.S., Cavalu, S.	Broken Heart Syndrome: Evolving Molecular Mechanisms and Principles of Management	Journal of Clinical Medicine 12(1),125		3.9
519.	2023		Wani, A.K., Akhtar, N., Singh, R., (...), Elolimy,	Genome centric engineering using ZFNs, TALENs and	Veterinary Research Communications		2.2

			A., Hashem, N.M.	CRISPR-Cas9 systems for trait improvement and disease control in Animals	47(1), pp. 1-16		
520.	Iun	2023	Pop, D.R., Petrus-Vancea A., Cicort, A., Moș, A.S., Cupsa, D	Road or railway: which is more deadly for the fauna? A puzzling answer from western Romania	North-Western Journal of Zoology, 19 (1): 62-70.	Printed: 1584-9074 Online: 1843-5629	0.778
521.	Apr	2023.	Maier, A. R. M., Telcean, I. C., Cadar, A. M., Dumbrava, A. R., Ferenti, S., Cupsa, D.	Nothing else eaten! The fish diet of Natrix tessellata in the Danube Gorge, Romania.	Herpetological Conservation and Biology, 18 (1): 30-37.	1931-7603	0,6
522.	Dec	2023	Cupșa D., Murgescu D., Ferenti S., Telcean I. C., Covaciu-Marcov S. D.	Note on macrozoobenthic invertebrate assemblages from Natura 2000 ROSCI0045 Jiu Corridor.	Present Environment and Sustainable Development, 17 (2): 17-29.	1843-5971 (Printed version) 2284 – 7820	0.6
523.	Iun	2023	Sicoe, S.I.; Crainic, G.C.; Samuel, A.D.; Bodog, M.F.; Iovan, C.I.; Curilă, S.; Hâruița, I.O.; Șerban, E.; Dorog, L.S.; Sabău, N.C.	Analysis of the effects of windthrows on the microbiological properties of the forest soils and their natural regeneration	FORESTS, 14(6), 1200	1999-4907	2.9

Total punctaj număr de lucrări științifice (Punctaj = nr. lucrări ISI x 30) = 523 x 30 = 15.690

4.1.2. Punctaj cumulat ISI:

Total punctaj cumulat ISI (Punctaj = suma factorilor ISI ai revistelor x 5) = 2195 x 5 = 10.975

ANEXA 4.1.3 Număr de citări în reviste de specialitate cotate ISI:

Nr. crt	Anul citării		Autor(i)	Titlul articolului	Revista ISI	ISSN
	An	Luna				
1.	2019		Blidar, C.F., Tripon, I.M., Ilea, C.	Bioprospective wild biodiversity in Romania: Case study – <i>Gentiana lutea</i> .	Romanian Biotechnological Letters,	1224- 5984 (Print) 2248- 3942 (Electr onic)
2.	2019		Blidar, C.F., Tripon, I.M., Ilea, C.	Using White Star (<i>Nymphoides humboldtiana</i>) for lake landscaping	Horticultura Brasileira	Print versio n 0102- 0536 On- line versio n 1806- 9991
3.	2019		Telcean, IC; Cicort-Lucaciu, AS	The use of native piscivorous fishes for the eradication of the invasive Chinese Sleeper, <i>Perccottus glenii</i>	Knowledge And Management Of Aquatic Ecosystems	1961- 9502
4.	2019		Ianc, R; Cicort-Lucaciu, AS; Ilies, D; Kovacs, EH	Amphibians and reptiles in the subterranean cavities of the Crimean Mountains	Russian Journal Of Herpetology	Print 1026- 2296 Online 2713- 1467
5.	2019		Cicort-Lucaciu, AS; Cupsa, D; Ilies, D; Ilies, A; Baias, S; Sas, I	Diet composition of the karpayos marsh frog (<i>Pelophylax cerigensis</i>): What does the most endangered frog in europe eat?	Animal Biodiversity and Conservation	ISSN: 1578- 665X e- ISSN: 2014- 928X
6.	2019		Ciolan, E; Cicort-Lucaciu, AS; Sas-Kovacs, I; Ferenti, S;	Near the forest road: Small changes in air temperature and relative humidity in mixed	Transportation Research Part D-Transport And Environment	1361- 9209

			Covaciu-Marcov, SD	temperate mountainous forests. 74: 82-92.		
7.	2019		Bogdan, HV; Covaciu-Marcov, SD; Gaceu, O; Cicort-Lucaciu, AS; Ferenti, S; Sas-Kovacs, I	Mosquito control based on <i>Bacillus thuringiensis israelensis</i> (Bti) interrupts artificial wetland food chains. 686: 1173-1184.	Science Of The Total Environment	0048-9697
8.	2019		Bogdan, HV; Covaciu-Marcov, SD; Gaceu, O; Cicort-Lucaciu, AS; Ferenti, S; Sas-Kovacs, I	Diet of <i>Leptodactylus spixi</i> (Anura: Leptodactylidae) from a cacao plantation in southern Bahia, Brazil	North-Western Journal of Zoology	Printed: 1584-9074 Web: 1843-5629 Cd-Rom: 1842-6441
9.	2019		Bogdan, HV; Covaciu-Marcov, SD; Gaceu, O; Cicort-Lucaciu, AS; Ferenti, S; Sas-Kovacs, I	Diet composition of the Karpethos marsh frog (<i>Pelophylax cerigensis</i>): what does the most endangered frog in Europe eat? 42(1): 1-8.	Animal Biodiversity And Conservation	ISSN: 1578-665X e-ISSN: 2014-928X
10.	2019		Bogdan, HV; Covaciu-Marcov, SD; Gaceu, O; Cicort-Lucaciu, AS; Ferenti, S; Sas-Kovacs, I	Ontogenetic dietary shifts and food resource partitioning in a stream-dwelling urodela community: mechanisms to allow coexistence across seasons. 26(3): 135-149.	Russian Journal Of Herpetology	Print 1026-2296 Online 2713-

						1467
11.	2019		Bogdan, HV; Covaciu-Marcov, SD; Cupsa, D; Cicort-Lucaciu, AS; Sas, I	The diet of Pelobates syriacus BOETTGER, 1889, from the Ghorigol wetland, East Azerbaijan province, Iran	Herpetozoa	2682–955X (online) 1013–4425 (print)
12.	2019		Bogdan, HV; Covaciu-Marcov, SD; Cupsa, D; Cicort-Lucaciu, AS; Sas, I	Diet composition of the Karpathos marsh frog (Pelophylax cerigensis): what does the most endangered frog in Europe eat?	Animal Biodiversity And Conservation	ISSN: 1578-665X e-ISSN: 2014-928X
13.	2019		Covaciu-Marcov, SD; Cicort-Lucaciu, AS; Mitrea, I; Sas, I; Caus, AV; Cupşa, D	Mosquito control based on Bacillus thuringiensis israelensis (Bti) interrupts artificial wetland food chains. 686: 1173-1184.	Science Of The Total Environment	0048-9697
14.	2019		Covaciu-Marcov, S.-D., Cupsa, D., Ferenti, S., David, A., Dimancea, N.	Urban plums and toads: do fleshy fruits affect the post-metamorphic growth of Amphibians.: 7	PeerJ	2376-5992 PeerJ Preprints: 2167-9843
15.	2019		Covaciu-Marcov, S.-D., Cupsa, D., Ferenti, S., David, A., Dimancea, N.	Diet composition of the Karpathos marsh frog (Pelophylax cerigensis): what does the most endangered frog in Europe eat.	Animal Biodiversity and Conservation	1578-665X e-ISSN: 2014-928X
16.	2019		Tomescu, N., Teodor, L.A., Ferenti, S., Covaciu-Marcov, S.-D.	A reply to the comment on Assessing preservation priorities of caves and karst areas using the frequency of endemic cave dwelling species by Nitzu et al. (2018) in Int. J. Speol., 47(1): 43-52.	International Journal of Speleology	PRIN T 0392-6672 E-ISSN: 1827-

						806X
17.	2019		Hoffmann, R., Ungureanu, M., Covaciu-Marcov, S.-D.	Finding answers in the dark: caves as models in ecology fifty years after Polson and White.	Ecography	1600-0587
18.	2019		Covaciu-Marcov, S.-D., Cupsa, D., Telcean, IC, Sas-Kovacs, I., Ferenti, S.	Genetic characterisation of European mudminnow (<i>Umbra krameri</i>) population from the Sava River system. Knowledge and Management of Aquatic Ecosystems	Knowledge And Management Of Aquatic Ecosystems	1961-9502
19.	2019		Kovacs, E.-H., Sas, I., Covaciu-Marcov, S.-D., Hartel, T., Cupsa, D., Groza M.	Trophic ecology of two <i>Pithecopus</i> species (Anura: Phyllomedusidae) living in syntopy in southern Bahia, Brazil.	Studies on Neotropical fauna and Environment	Print ISSN: 0165-0521 Online ISSN: 1744-5140
20.	2019		Kovacs, E.-H., Sas, I., Covaciu-Marcov, S.-D., Hartel, T., Cupsa, D., Groza M.	The diet of <i>Pelobates syriacus</i> BOTTGER, 1889, from the Ghorigol wetland, east Azerbaijan province, Iran.	Herpetozoa	2682–955X (online) 1013–4425 (print)
21.	2019		Kovacs, E.-H., Sas, I., Covaciu-Marcov, S.-D., Hartel, T., Cupsa, D., Groza M.	Dietary composition and selection in the stream-breeding anuran assemblage from a tropical wet forest in eastern Mexico	Acta Oecologica – International Journal of Ecology	1146-609X
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52.	2019		L. Marcu, T van Doorn, I. Olver	Cisplatin and radiotherapy in the treatment of locally advanced head and neck cancer: a review of their cooperation	ONCOLOGY LETTERS Volume: 18 Issue: 6 Pages: 6385-6396	
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61.	2019		R. Takam, E. Bezak, E. Yeoh, L. Marcu	Assessment of normal tissue complications following prostate cancer irradiation: comparison of radiation treatment modalities using NTCP models	FRONTIERS IN ONCOLOGY Volume: 9 Article Number: 940	
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85.	2019		L. Marcu, I. Olver	Tirapazamine: from bench to clinical trials	CHEMICAL RESEARCH IN TOXICOLOGY Volume: 32 Issue: 3 Special Issue: SI Pages: 348-361	
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89.	2019		P. Reid, P. Wilson, Y. Li, L. Marcu, E. Bezak	Current understanding of cancer stem cells: review of their radiobiology and role in head and neck cancers	INTERNATIONAL JOURNAL OF BIOLOGICAL SCIENCES Volume: 15 Issue: 2 Pages: 430-440	

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96.	2019		L. Marcu	Photons- radiobiological issues related to the risk of second malignancies	PHYSICA MEDICA-EUROPEAN JOURNAL OF MEDICAL PHYSICS Volume: 57 Pages: 100-106	
97.	2019		L. Marcu	Photons- radiobiological issues related to the risk of second malignancies	GENES Volume: 10 Issue: 1 Article Number: 37	
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100.	2019		E. Bezak, R. Takam, E. Yeoh, L. Marcu	The risk of second primary cancers due to peripheral photon and neutron doses received during prostate cancer external beam radiation therapy	CANCER MANAGEMENT AND RESEARCH Volume: 11 Pages: 1969-1983	
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103.	2019		P. Reid, P. Wilson, Y. Li, L. Marcu, A. Staudacher, M. Brown, E. Bezak	In vitro investigation of head and neck cancer stem cell proportions and their changes following X-ray irradiation as a function of HPV status	MATRIX BIOLOGY Volume: 78-79 Special Issue: SI Pages: 180-200	
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106.	2019		L. Marcu, E. Bezak, B. Allen	Global comparison of targeted alpha vs targeted beta therapy for cancer: in vitro, in vivo and clinical trials	JOURNAL OF MEDICAL IMAGING AND RADIATION SCIENCES Volume: 50 Issue: 4 Supplement: 1 Pages: S58-S65	
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119.	2019		M. Huynh, L. Marcu, E. Giles, M. Short, D. Matthews, E. Bezak	Current status of proton therapy outcome for paediatric cancers of the central nervous system – analysis of the published literature	CANCER COMMUNICATIONS Volume: 39 Issue: 1 Article Number: 61	
120.	2019		L. Marcu, L. Moghaddasi, E. Bezak	Imaging of tumour characteristics and molecular pathways with PET: developments over the last decade towards personalised cancer therapy	FRONTIERS IN MEDICINE Volume: 6 Article Number: 117	
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503.	2020		Cupşa D.,	Integrating expert opinion and traditional ecological knowledge in invasive alien species management: <i>Corbicula</i> in Eastern Europe as a model	Biological Invasions	1387-3547
504.	2020		Kohler H.-R., Sandu C., Scheil V., Nagy-Petrica E.M., Segner H., Telcean I., Stan G., Triebksorn R.	Quality screening of the Lagos lagoon sediment by assessing the cytotoxicity and toxicological responses of rat hepatoma H4IIE and fish PLHC-1 cell-lines using different extraction approaches	Environmental Research	0013-9351
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519.	2021		Cicort-Lucaciu, A.Ş., Cupşa, D., Sucea, F., Ferenti, S., Covaciu-Marcov, S.D.	A review of forest management effects on terrestrial leaf litter inhabiting arthropod.	Forests	1999- 4907
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528.	2021		A.Ş. Cicort-Lucaciu, D. Cupşa, D. Ilieş, A. Ilieş, Ş. Baiaş & I. Sas,	Diet and observations on natural history of <i>Gabohyla pauloalvini</i> (Bokermann 1973) (Amphibia: Hylidae), a poorly known species from cacao agroforestry in southern Bahia, Brazil.,	Tropical ecology	0564-3295
529.	2021		Covaciu-Marcov, S.-D., Ferentî, S., Urak, I., Sas-	A trade-off between latitude and elevation contributes to explain range segregation of	Journal of Zoological Systematics and Evolutionary Research	1439-0469

			Kovacs, E.-H., Cicort-Lucaci, A.-S., Sas-Kovacs, I	broadly distributed cave-dwelling spiders.		
530.	2021		Samuel, A.D.; Domuța, C.; Ciobanu, C.; Șandor, M.;	Stoichiometric analysis of an arable crop–soil–microbe system after repeated fertilizer and compost application for 10 years	Journal of soil and sediments	1439-0108
531.	2021		Samuel, A.D.; Domuța, C.; Ciobanu, G.; Șandor, M.; Ciobanu, C.; Brejea, R.;	Impact of Technogenic Saline Soils on Some Chemical Properties and on the Activity of Selected Enzymes	Energies	1996-1073
532.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Response of soil enzyme activity and bacterial community to copper hydroxide nanofertilizer and its ionic analogue under single versus repeated applications	Science of the total environment	0048-9697
533.	2021		Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.;	Response of soil enzyme activity and bacterial community to copper hydroxide nanofertilizer and its ionic analogue under single versus repeated applications	Science of the total environment	0048-9697
534.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Response of soil enzyme activity and bacterial community to copper hydroxide nanofertilizer and its ionic analogue under single versus repeated applications	Science of the total environment	0048-9697
535.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Soil Microbial and Nematode Community Response to the Field Application of Recycled Bio-Based Fertilisers in Irish Grassland	Sustainability	2071-1050
536.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Soil Microbial and Nematode Community Response to the Field Application of Recycled Bio-Based Fertilisers in Irish Grassland	Sustainability	2071-1050
537.	2021		Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.;	Soil Microbial and Nematode Community Response to the Field Application of Recycled Bio-Based Fertilisers in Irish Grassland	Sustainability	2071-1050
538.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Application of Native or Exotic Arbuscular Mycorrhizal Fungi Complexes and Monospecific Isolates from Saline Semi-Arid Mediterranean Ecosystems Improved Phoenix dactylifera's Growth and Mitigated Salt Stress Negative Effects	Plants	2223-7747
539.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Improving the Climate Resilience of Rice Farming in Flood-Prone Areas through Azolla Biofertilizer and Saline-Tolerant	Sustainability	2071-1050

				Varieties		
540.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Improving the Climate Resilience of Rice Farming in Flood-Prone Areas through Azolla Biofertilizer and Saline-Tolerant Varieties	Sustainability	2071-1050
541.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Heavy Metal Contents and Assessment of Soil Contamination in Different Land-Use Types in the Qaidam Basin	Sustainability	2071-1050
542.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Interactions between Biochar and Compost Treatment and Mycorrhizal Fungi to Improve the Qualitative Properties of a Calcareous Soil under Rhizobox Conditions	Agriculture	2077-0472
543.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Interactions between Biochar and Compost Treatment and Mycorrhizal Fungi to Improve the Qualitative Properties of a Calcareous Soil under Rhizobox Conditions	Agriculture	2077-0472
544.	2021		Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.;	Interactions between Biochar and Compost Treatment and Mycorrhizal Fungi to Improve the Qualitative Properties of a Calcareous Soil under Rhizobox Conditions	Agriculture	2077-0472
545.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Lime and Organic Manure Amendment: A Potential Approach for Sustaining Crop Productivity of the T. Aman-Maize-Fallow Cropping Pattern in Acidic Piedmont Soils	Sustainability	2071-1050
546.	2021		Samuel, A.D.; Bungau, S.; Fodor, I.K.; Tit,D.M.; Blidar C.F.; David A.T.; Melinte, E.C.	Lime and Organic Manure Amendment: A Potential Approach for Sustaining Crop Productivity of the T. Aman-Maize-Fallow Cropping Pattern in Acidic Piedmont Soils	Sustainability	2071-1050
547.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Lime and Organic Manure Amendment: A Potential Approach for Sustaining Crop Productivity of the T. Aman-Maize-Fallow Cropping Pattern in Acidic Piedmont Soils	Sustainability	2071-1050
548.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Volatile Fatty Acid Production from Food Waste Leachate Using Enriched Bacterial Culture and Soil Bacteria as Co-Digester	Sustainability	2071-1050
549.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Volatile Fatty Acid Production from Food Waste Leachate Using Enriched Bacterial Culture and Soil Bacteria as Co-Digester	Sustainability	2071-1050
550.	2021		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.;	Preliminary Results of Effect of Rotational Grazing of Farmed Red Deer (Cervus	Agronomy	2073-4395

			Cenusa, N.; Tit, D.;	elaphus) on the Biochemical Status of Soil		
551.	2021		Samuel, A.D.; Ciobanu, C.;	The influence of microbial inoculants on micro- and macronutrients on calcaric alluvial soil, Buzău, Romania	Romanian Agricultural Research	1222–4227
552.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Long-term organic fertilizer substitution increases rice yield by improving soil properties and regulating soil bacteria	Geoderma	0016-7061
553.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Effect of Zero and Minimum Tillage on Cotton Productivity and Soil Characteristics under Different Nitrogen Application Rates	Sustainability	2071-1050
554.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Analysis of Drought Characteristics and Its Effects on Crop Yield in Xinjiang in Recent 60 Years	Sustainability	2071-1050
555.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Essential Role of Potassium in Apple and Its Implications for Management of Orchard Fertilization	Plants	2223-7747
556.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Morphological and Molecular Characterization of Some Egyptian Six-Rowed Barley (<i>Hordeum vulgare</i> L.)	Plants	2223-7747
557.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Application of Granular and Non-Granular Organic Fertilizers in Terms of Energy, Environmental and Economic Efficiency	Sustainability	2071-1050
558.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Effects of Shade and Planting Methods on the Growth of <i>Heracleum moellendorffii</i> and <i>Adenophora divaricata</i> in Different Soil Moisture and Nutrient Conditions	Plants	2223-7747
559.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Analysis of Factors Influencing Plant–Microbe Combined Remediation of Soil Contaminated by Polycyclic Aromatic Hydrocarbons	Sustainability	2071-1050
560.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Understanding a Mechanistic Basis of ABA Involvement in Plant Adaptation to Soil Flooding: The Current Standing	Plants	2223-7747
561.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Application of Granular and Non-Granular Organic Fertilizers in Terms of Energy, Environmental and Economic Efficiency	Sustainability	2071-1050
562.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.;Melinte, E.C.; Purza, L.; Badea, G.E.;	Biological Indicators of Soil Quality under Different Tillage Systems in Retisol	Sustainability	2071-1050

563.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Assessing Multi-Micronutrients Deficiency in Agricultural Soils of India	Sustainability	2071-1050
564.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	A Systemic View of Carbohydrate Metabolism in Rice to Facilitate Productivity	Plants	2223-7747
565.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Removing of the Sulfur Compounds by Impregnated Polypropylene Fibers with Silver Nanoparticles-Cellulose Derivatives for Air Odor Correction	Membranes	2077-0375
566.	2021		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Tailings of enrichment of phosphorites of the Vyatka-Kama deposit as secondary material resources for the production of natural fertilizers	Theoretical and applied ecology	1995-4301
567.	2021		Samuel, A.D.; Bungau, S.; Fodor, I.K.; Tit, D.M.; Blidar C.F.; David A.T.; Melinte, E.C	Application of Granular and Non-Granular Organic Fertilizers in Terms of Energy, Environmental and Economic Efficiency	Sustainability	2071-1050
568.	2021		Samuel, A.D.; Bungau, S.; Fodor, I.K.; Tit, D.M.; Blidar C.F.; David A.T.; Melinte, E.C	Biological Indicators of Soil Quality under Different Tillage Systems in Retisol	Sustainability	2071-1050
569.	2021		Samuel, A.D.; Bungau, S.; Fodor, I.K.; Tit, D.M.; Blidar C.F.; David A.T.; Melinte, E.C	Assessing Multi-Micronutrients Deficiency in Agricultural Soils of India	Sustainability	2071-1050
570.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Analysis of Drought Characteristics and Its Effects on Crop Yield in Xinjiang in Recent 60 Years	Sustainability	2071-1050
571.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Essential Role of Potassium in Apple and Its Implications for Management of Orchard Fertilization	Plants	2223-7747
572.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Response of soil enzyme activity and bacterial community to copper hydroxide nanofertilizer and its ionic analogue under single versus repeated applications	Science of the total environment	0048-9697
573.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid,	Simulating the Long-Term Effects of Fertilizer and Water Management on Grain Yield and Methane Emissions of Paddy	Agriculture	2077-0472

			A.; Samuel, A.D	Rice in Thailand		
574.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Morphological and Molecular Characterization of Some Egyptian Six-Rowed Barley (<i>Hordeum vulgare</i> L.)	Plants	2223-7747
575.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Soil Microbial and Nematode Community Response to the Field Application of Recycled Bio-Based Fertilisers in Irish Grassland	Sustainability	2071-1050
576.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Application of Native or Exotic Arbuscular Mycorrhizal Fungi Complexes and Monospecific Isolates from Saline Semi-Arid Mediterranean Ecosystems Improved Phoenix dactylifera's Growth and Mitigated Salt Stress Negative Effects	Plants	2223-7747
577.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Heavy Metal Contents and Assessment of Soil Contamination in Different Land-Use Types in the Qaidam Basin	Sustainability	2071-1050
578.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	More Land, Less Pollution? How Land Transfer Affects Fertilizer Application	International journal of environmental research and public health	1660-4601
579.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Interactions between Biochar and Compost Treatment and Mycorrhizal Fungi to Improve the Qualitative Properties of a Calcareous Soil under Rhizobox Conditions	Agriculture	2077-0472
580.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Evaluating Metal(loid)s Contamination in Soil of a Typical In-Dustry Smelting Site in South Central China: Levels, Possible Sources and Human Health Risk Analysis	Sustainability	2071-1050
581.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Analysis of Factors Influencing Plant-Microbe Combined Remediation of Soil Contaminated by Polycyclic Aromatic Hydrocarbons	Sustainability	2071-1050
582.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Understanding a Mechanistic Basis of ABA Involvement in Plant Adaptation to Soil Flooding: The Current Standing	Plants	2223-7747

583.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Application of Granular and Non-Granular Organic Fertilizers in Terms of Energy, Environmental and Economic Efficiency	Sustainability	2071-1050
584.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Volatile Fatty Acid Production from Food Waste Leachate Using Enriched Bacterial Culture and Soil Bacteria as Co-Digester	Sustainability	2071-1050
585.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Biological Indicators of Soil Quality under Different Tillage Systems in Retisol	Sustainability	2071-1050
586.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Assessing Multi-Micronutrients Deficiency in Agricultural Soils of India	Sustainability	2071-1050
587.	2021		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Influence of Hydrocarbon-Oxidizing Bacteria on the Growth, Biochemical Characteristics, and Hormonal Status of Barley Plants and the Content of Petroleum Hydrocarbons in the Soil	Plants	2223-7747
588.	2021		Oprea, O.B.; Apostol, L.; Bungau, S.; Cioca, G.; Samuel, A.D.; Badea, M.; Gaceu, L.	Lime and Organic Manure Amendment: A Potential Approach for Sustaining Crop Productivity of the T. Aman-Maize-Fallow Cropping Pattern in Acidic Piedmont Soils	Sustainability	2071-1050
589.	2021		Oprea, O.B.; Apostol, L.; Bungau, S.; Cioca, G.; Samuel, A.D.; Badea, M.; Gaceu, L.	The influence of Cabernet Sauvignon wine grape pomace powder addition on the rheological and microstructural properties of wheat dough	Cyta – Journal of Food	1947-6345
590.	2021		Oprea, O.B.; Apostol, L.; Bungau, S.; Cioca, G.; Samuel, A.D.; Badea, M.; Gaceu, L.	Total phenolic content correlated with antioxidant activity of some grape pomace biomass hydroalcoholic extracts, white and red varieties	UPB Scientific Bulletin, Series B: Chemistry and Materials Science	1454-2331
591.	2021		Gitea, M.A.; Bungau, S.; Gitea, D.; Purza, L.; Nemeth, S.; Samuel A.D.; Badea, G.; Tit, D.	Overview of pesticide use in Moroccan apple orchards and its effects on the environment	Current opinion in environmental science and health	2468-5844
592.	2021		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.	Analysis of Drought Characteristics and Its Effects on Crop Yield in Xinjiang in Recent 60 Years	Sustainability	2071-1050

593.	2021		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.;	Essential Role of Potassium in Apple and Its Implications for Management of Orchard Fertilization	Plants	2223-7747
594.	2021		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.;	Understanding a Mechanistic Basis of ABA Involvement in Plant Adaptation to Soil Flooding: The Current Standing	Plants	2223-7747
595.	2021		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.;	Assessment of Tomato Peels Suitable for Producing Biomethane within the Context of Circular Economy: A GIS-Based Model Analysis	Sustainability	2071-1050
596.	2021		Dinca, L.; Onet, A.; Samuel, A.D.; (...) Caracciolo, A.B; Grenni, P.;	Some options for Climate-Smart Forestry in Europe's mountain regions	Canadian Journal of Forest Research	0045-5067
597.	2021		Dinca, L.; Onet, A.; Samuel, A.D.; (...) Caracciolo, A.B; Grenni, P.;	Spatial patterns of leaf shape variation in European beech (<i>Fagus sylvatica</i> L.) provenances	Trees - structure and function	1432-2285
598.	2021		Triebkorn, R., Telcean, I., Casper, H., Farkas, A., Sandu, C., Stan, G., Colarescu, O., Dori, T., Kohler, H.R.,	Bacterial Microbiomes in the Sediments of Lotic Systems Ecologic Drivers and Role: A Case Study from the Mures River, Transylvania, Romania	Water	2073-4441
599.	2021		Triebkorn, R., Telcean, I., Casper, H., Farkas, A., Sandu, C., Stan, G., Colarescu, O., Dori, T., Kohler, H.R.,	Swimming behaviour in two ecologically similar three-spined (<i>Gasterosteus aculeatus</i> L.) and nine-spined sticklebacks (<i>Pungitius pungitius</i> L.): a comparative approach for modelling the toxicity of metal mixtures	Environmental Science and Pollution Research	0944-1344
600.	2021		Triebkorn, R., Telcean, I., Casper, H., Farkas, A., Sandu, C., Stan, G., Colarescu, O., Dori, T., Kohler, H.R.,	Correlation between Heavy Metal-Induced Histopathological Changes and Trophic Interactions between Different Fish Species	Applied Sciences-Basel	2076-3417
601.	2021		Triebkorn, R., Telcean, I., Casper, H., Farkas, A., Sandu, C., Stan, G., Colarescu, O., Dori, T., Kohler, H.R.,	Bioaccumulation of heavy metals in water, sediment, and tissues of major fisheries from Adyar estuary, southeast coast of India: An ecotoxicological impact of a metropolitan city	Marine Pollution Bulletin	0025-326X
602.	2021		Triebkorn, R., Telcean, I., Casper, H., Farkas, A., Sandu, C., Stan, G., Colarescu, O., Dori, T., Kohler, H.R.,	HISTOPATHOLOGY ANALYSIS OF <i>Sciades herzbergii</i> (PISCES, ARIIDAE) AND <i>Bagre bagre</i> (PISCES, ARIIDAE) GILLS TO ASSESS ENVIRONMENTAL POLLUTION	Applied Ecology and Environmental Research	1589-1623

603.	2021		Koehler, HR., Sandu, C., Scheil, V., Nagy-Petrica, EM., Segner, H., Telcean, I., Stan, G., Tribskorn, R.,	Bacterial Microbiomes in the Sediments of Lotic Systems Ecologic Drivers and Role: A Case Study from the Mures River, Transylvania, Romania	Water	2073-4441
604.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	The Evolving Coordination Chemistry of Radiometals for Targeted Alpha Therapy	AUSTRALIAN JOURNAL OF CHEMISTRY	
605.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Neopentyl Glycol as a Scaffold to Provide Radiohalogenated Theranostic Pairs of High In Vivo Stability	JOURNAL OF MEDICINAL CHEMISTRY 64 (21) , pp.15846-15857	
606.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Medicinal chemistry and biomedical applications of bismuth-based compounds and nanoparticles	CHEMICAL SOCIETY REVIEWS 50 (21) , pp.12037-12069	
607.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Investigating the Bismuth Complexes with Benzoazacrown Tri- and Tetra-Acetates	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY 2021 (33) , pp.3344-3354	
608.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Why bother with alpha particles?	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING 49 (1) , pp.7-17	
609.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Pancreatic Ductal Adenocarcinoma: The Dawn of the Era of Nuclear Medicine?	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 (12)	
610.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Combination Therapy, a Promising Approach to Enhance the Efficacy of Radionuclide and Targeted Radionuclide Therapy of Prostate and Breast Cancer	PHARMACEUTICS 13 (5)	
611.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Evaluation of the PSMA-Binding Ligand Pb-212-NG001 in Multicellular Tumour Spheroid and Mouse Models of Prostate Cancer	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 (9)	
612.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Combined Radionuclide Therapy and Immunotherapy for Treatment of Triple Negative Breast Cancer	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 (9)	

613.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	CD38-Targeted Theranostics of Lymphoma with Zr-89/Lu-177-Labeled Daratumumab	ADVANCED SCIENCE 8 (10)	
614.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Prognostic and Theranostic Applications of Positron Emission Tomography for a Personalized Approach to Metastatic Castration-Resistant Prostate Cancer	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 (6)	
615.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Anti-Tumor Efficacy of PD-L1 Targeted Alpha-Particle Therapy in a Human Melanoma Xenograft Model	CANCERS 13 (6)	
616.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Glypican-3 targeted delivery of Zr-89 and Y-90 as a theranostic radionuclide platform for hepatocellular carcinoma	SCIENTIFIC REPORTS 11 (1)	
617.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Effect of microdistribution of alpha and beta-emitters in targeted radionuclide therapies on delivered absorbed dose in a GATE model of bone marrow	PHYSICS IN MEDICINE AND BIOLOGY 66 (3)	
618.	2021		Marcu L, Bezak E, Allen B. Global comparison of targeted alpha vs targeted beta therapy for cancer	Targeted Alpha Therapy: Progress in Radionuclide Production, Radiochemistry, and Applications	PHARMACEUTICS 13 (1)	
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623.	2021		Takam, Bezak, Marcu et al. Out-of-Field Neutron and Leakage Photon Exposures and the Associated Risk of Second Cancers in High-Energy Photon Radiotherapy	Development of a passive gold-foil Nested Neutron Spectrometer to validate the active current-mode He-3 measurements in a high neutron fluence rate radiotherapy environment	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 985	
624.	2021		Marcu L, van Doorn, Olver. Modelling of post-irradiation accelerated repopulation in squamous cell carcinomas	MS-275 (Entinostat) Promotes Radio-Sensitivity in PAX3-FOXO1 Rhabdomyosarcoma Cells	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 (19)	
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657.	2021		Marcu L. Photons - Radiobiological issues related to the risk of second malignancies	Evaluation of IGRT-Induced Imaging Doses and Secondary Cancer Risk for SBRT Early Lung Cancer Patients In Silico Study	TECHNOLOGY IN CANCER RESEARCH & TREATMENT 20	
658.	2021		Marcu, Reid, Bezak. The Promise of Novel Biomarkers for Head and Neck Cancer from an Imaging Perspective	Prognostic factor identification by screening changes in differentially expressed genes in oral squamous cell carcinoma	ORAL DISEASES	

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688.	2021		Morias, Marcu et al. Treatment-Related Adverse Effects in Lung Cancer Patients after Stereotactic Ablative Radiation Therapy	Can dosimetry affect local control and survival in patients with early-stage lung cancer treated with Stereotactic Ablative Radiotherapy (SABR)? An analysis of the UK's largest cohort of lung SABR patients	ACTA ONCOLOGICA 60 (4) , pp.505	

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691.	2021		Marcu, Chau, Bezak. How much is too much? Systematic review of cumulative doses	The cumulative radiation dose paradigm in pediatric imaging	BRITISH JOURNAL OF RADIOLOGY 94 (1126)	
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702.	2021		Marcu et al. Translational Research in FLASH Radiotherapy	Microbeam Radiotherapy-A Novel Therapeutic Approach to Overcome Radioresistance and Enhance Anti-Tumour Response in Melanoma	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 (14)	
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704.	2021		Marcu L. Imaging Biomarkers of Tumour Proliferation and Invasion	PET and SPECT Imaging of the EGFR Family (RTK Class I) in Oncology	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 (7)	
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708.	2021		Keller,...Moca. Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	Frustrated Kondo impurity triangle: A simple model of deconfinement	PHYSICAL REVIEW B 104 (11)	
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715.	2021		Keller,...Moca. Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	SO(5) Non-Fermi Liquid in a Coulomb Box Device	PHYSICAL REVIEW LETTERS 126 (14)	
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823.	2021		Cavalu et al. Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Magnetic Nanoparticles Used in Oncology	MATERIALS 14 (20)	
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833.	2021		Mates...Cavalu. Selenium nanoparticles: production, characterization and possible applications in biomedicine and food science	Production and use of eco-friendly selenium nanoparticles in the fortification of yoghurt	JOURNAL OF FOOD PROCESSING AND PRESERVATION 45 (6)	
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835.	2021		Cavalu et al. Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment	The Collagen Origin Influences the Degradation Kinetics of Guided Bone Regeneration Membranes	POLYMERS 13 (17)	

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838.	2021		Hozan...Cavalu. 32 Rapid Screening of Retrieved Knee Prosthesis Components by Confocal Raman Micro-Spectroscopy	Laser powder bed fusion of ultra-high molecular weight polyethylene (UHMWPE) using near-infrared ultrashort laser pulses	MATERIALS & DESIGN 210	
839.	2021		Hozan...Cavalu. 32 Rapid Screening of Retrieved Knee Prosthesis Components by Confocal Raman Micro-Spectroscopy	Restoring the Patient's Pre-Arthritic Posterior Slope Is the Correct Target for Maximizing Internal Tibial Rotation When Implanting a PCL Retaining TKA with Calipered Kinematic Alignment	JOURNAL OF PERSONALIZED MEDICINE 11 (6)	
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845.	2021		Ardelean, Toderas. Structural study of the Fe ₂ O ₃ -B ₂ O ₃ -BaO glass system by FTIR spectroscopy	Interactions of boron released from surface pre-reacted glass ionomer with enamel/dentin and its effect on pH	SCIENTIFIC REPORTS 11 (1)	
846.	2021		Ardelean, Toderas. Structural study of the Fe ₂ O ₃ -B ₂ O ₃ -BaO glass system by FTIR spectroscopy	Influence of Bi ₂ O ₃ /WO ₃ substitution on the optical, mechanical, chemical durability and gamma ray shielding properties of lithium-borate glasses	CERAMICS INTERNATIONAL 47 (4) , pp.5286-5299	
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848.	2021		Toderas, Filip. Structural study of the Fe ₂ O ₃ -B ₂ O ₃ -BaO glass system by FTIR spectroscopy	Optical and Mossbauer spectroscopy of lithium tetraborate glass doped with iron oxide	OPTICAL MATERIALS 112	
849.	2021		Ostlin...Beiușeanu. Ab initio typical medium theory of substitutional disorder	Application of the locally self-consistent embedding approach to the Anderson model with non-uniform random distributions	ANNALS OF PHYSICS 435	
850.	2021		Ostlin...Beiușeanu. Ab initio typical medium theory of substitutional disorder	Non-local corrections to the typical medium theory of Anderson localization	ANNALS OF PHYSICS 435	
851.	2021		Ostlin...Beiușeanu. Ab initio typical medium theory of substitutional disorder	Electronic correlations and Fermi liquid behavior of intermediate-band states in titanium-doped silicon	PHYSICAL REVIEW B 104 (20)	
852.	2021		Ostlin...Beiușeanu. Ab initio typical medium theory of substitutional disorder	Anderson localization effects on the doped Hubbard model	PHYSICAL REVIEW B 103 (24)	
853.	2022	30 September 2022	Cicort-Lucaciu, AS	Biodiversity of Coleoptera (Insecta) in Lipetsk Region (Russia).	Diversity-Basel	1424-2818
854.	2022	23 June 2022	Cicort-Lucaciu, AS	Dataset: Fauna of Adult Ground Beetles (Coleoptera, Carabidae) of the National Park "Smolny" (Russia).	Data	2306-5729
855.	2022	28 June 2022	Cicort-Lucaciu, AS	Vertical Stratification and Seasonal Dynamics of Coleoptera in Open Biotopes of Forest Ecosystems (Centre of European	Forests	1999-4907

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856.	2022	25 June 2022	Ianc, R; Cicort-Lucaciu, AS; Ilies, D; Kovacs, EH	Forecasting the Volume of Tourism Services in Uzbekistan	Sustainability	2071-1050
857.	2022	12 October 2022.	Cicort-Lucaciu, AS; Cupsa, D; Ilies, D; Ilies, A; Baias, S; Sas, I	Integrating forest windthrow assessment data in the process of windscape reconstruction: Case of the extratropical storms downscaled for the Gutai Mountains (Romania).	Frontiers in Environmental Science	2296-665X
858.	2022	27 April 2022	Cicort-Lucaciu, AS; Cupsa, D; Ilies, D; Ilies, A; Baias, S; Sas, I	Feeding ecology of the endangered Apennine Yellow-bellied Toad (<i>Bombina pachypus</i>) in central Italy.	Canadian Journal of Zoology	00084301, 14803283
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860.	2022	25 June 2022	Cicort-Lucaciu, AS; Cupsa, D; Ilies, D; Ilies, A; Baias, S; Sas, I	Forecasting the Volume of Tourism Services in Uzbekistan.	Sustainability	2071-1050
861.	2022	August 2022	Cicort-Lucaciu, AS; Cupsa, D; Ilies, D; Ilies, A; Baias, S; Sas, I	Old maps and the effectiveness of chitosan as antimicrobial agent.	Industria textila	12225347
862.	2022	May 9, 2022	Cicort-Lucaciu, AS; Cupsa, D; Ilies, D; Ilies, A; Baias, S; Sas, I	Comparative morphology and ecology of <i>the Pelophylax ridibundus</i> (Pallas, 1771) in two artificial lakes (Krupac and Slano) from Montenegro.	Russian Journal of Herpetology	1026-22962713-1467
863.	2022	May 9, 2022	Covaciu-Marcov, SD; Cicort-Lucaciu, AS; Sas, I; Cupşa, D; Kovács, EH; Ferenti S	Comparative morphology and ecology of <i>the Pelophylax ridibundus</i> (Pallas, 1771) in two artificial lakes (Krupac and Slano) from Montenegro.	Russian Journal of Herpetology	1026-22962713-1467
864.	2022	May 9, 2022	Bogdan, HV; Covaciu-Marcov, SD; Cupsa, D; Cicort-Lucaciu, AS; Sas, I	Comparative morphology and ecology of <i>the Pelophylax ridibundus</i> (Pallas, 1771) in two artificial lakes (Krupac and Slano) from Montenegro.	Russian Journal of Herpetology	1026-22962713-1467
865.	2022	May 9, 2022	Sas, I., Covaciu-Marcov, S.-D., Strugariu, A., David, A., Ilea, C.	Comparative morphology and ecology of <i>the Pelophylax ridibundus</i> (Pallas, 1771) in two artificial lakes (Krupac and Slano) from Montenegro.	Russian Journal of Herpetology	1026-22962713-1467

866.	2022	2022	Cicort-Lucaciu, AS; Cupsa, D; Ilies, D; Ilies, A; Baias, S; Sas, I	Lead content in soil, plants, rodents, and amphibians in the vicinity of a heating plant's ash waste.	Environmental Monitoring and Assessment	0167-6369 1573-2959
867.	2022	Mai 2022	Cicort-Lucaciu A.S.	A Late Autumn Feeding: Diet of <i>Salamandra salamandra</i> (Linnaeus, 1758) (Amphibia: Salamandridae) in October and November in the Iron Gates Natural Park, Romania.	Acta Zoologica Bulgarica	0324-0770 2603-3798
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869.	2022	2022-12-08	Gherghel, I; Strugariu, A; Ghiurca, D; Cicort-Lucaciu, AS	The cases of abnormal amplexus in Anura on the territory of the Chernivtsi Region, Ukraine.	Zoodiversity	2707-725X 2707-7268
870.	2022	25 November 2022	Covaciu-Marcov, SD; Ferenti, S; Urak, I; Sas-Kovacs, EH; Cicort-Lucaciu, AS; Sas-Kovacs, I	Soil Invertebrate Communities as Indicator of Ecological Conservation Status of Some Fertilised Grasslands from Romania.	Diversity-Basel	1424-2818
871.	2022	21 February 2022	Bogdan, HV; Ilies, D; Covaciu-Marcov, SD; Cicort-Lucaciu, AS; Sas, I	New records of <i>Darevskia praticola</i> at the northern limit of its distribution range in Romania.	Herpetozoa	1013-4425, 2682-955X
872.	2022	2022	Covaciu-Marcov, S.-D., Telcean, I.C., Ferenti, S.	Post-invasion spread of Chinese sleeper (<i>Perccottus glenii</i>) in the lower Danube Drainage (Budjak region of Ukraine).	Bioinvasions Records	2242-1300
873.	2022	2022	Tomescu, N., Teodor, L.A., Ferenti, S., Covaciu-Marcov, S.-D	<i>Trachelipus rathkii</i> (Brabdt, 1833) in Alberta, the first report of a terrestrial isopod from the Prairie Provinces Canada (Isopoda: Oniscidea).	Western North American Naturalist	1527-0904
874.	2022	2022	Hoffmann, R., Ungureanu, M., Covaciu-Marcov, S.-D.	Citizen science help uncover the secrets of a bat-friendly swimming pool in an urban environment.	Frontiers in Ecology and Evolution	2296-701X .
875.	2022	2022	Covaciu-Marcov, S.-D., Cupsa, D., Telcean, IC, Sas-Kovacs, I., Ferenti, S.	Stepping stone wetlands, last sanctuaries for the European mudminnow: how can the human impact, climate change, and non-native species drive a fish to the edge of extinction?	Sustainability	2071-1050

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877.	2022	2022	Kovacs, E.-H., Sas, I., Covaciu-Marcov, S.-D., Hartel, T., Cupsa, D., Groza, M.	Keeping the golden mantella golden: the effect of dietary carotenoid supplementation on UV provision on the colouration and growth of <i>Mantella aurantiaca</i> .	Journal of zoo and aquarium research	2214-7594
878.	2022	2022	Zielinski, P., Nadachowska-Brzyska, K., Wielstra, B., Szkotak, R., Covaciu-Marcov, S.-D., Cogalniceanu, D., Babik, W.	Day geckos (<i>Phelsuma</i>) in northern Madagascar: first step to resolve a paradoxical case of mitochondrial paraphyly and morphological differentiation.	Salamandra	0036-3375
879.	2022	2022	A.M. R. Maier, Cupşa D., Ferentî S., Cadar A. M.,	On the northern border of the range of <i>Darevskia pontica</i> (Lantz et Cyren, 1918) (Sauria: Lacertidae)	Current Studies in Herpetology	2542-1964 1814-6090
880.	2022	2022	Sas, I., Kovacs, E.-H., Covaciu-Marcov, S.D., Strugariu, A., Covaciu, R., <u>Ferentî, S.</u>	Seasonal and ontogenetic variation in the trophic spectrum of Anatolian water frogs, <i>Pelophylax ridibundus</i> group, in the eastern Mediterranean (Amphibia: Anura).	Zoology in the Middle East	2326-2680
881.	2022	2022	Maier, A.R.M., <u>Ferentî, S.</u> , Dumbrava, A.R., Cadar, A.M.	The trophic niche of two sympatric species of salamanders (Plethodontidae and Salamandridae) from Italy.	Animals	2076-2615
882.	2022	2022	<u>Ferentî S.</u> , David, A., Nagy, D.	Patterns of variation in dietary composition among four populations of alpine salamanders (<i>Salamandra atra prenjensis</i>).	Amphibia-Reptilia	0173 5373, 1568 5381
883.	2022	2022	<u>Ferentî S.</u> , David, A., Nagy, D.	COI metabarcoding provides insights into the highly diverse diet of a generalist Salamander, <i>Salamandra salamandra</i> (Caudata: Salamandridae).	Diversity	1424-2818
884.	2022	2022	Samuel, A.D.; Domuta, C.; Ciobanu, C.; Şandor, M.;	The Comparison of Soil Agrochemical and Biological Properties in the Multi-Cropping Farming Systems	<i>Plants</i>	2223-7747
885.	2022	2022	Samuel, A.D.; Brejea, R.; Domuţa, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Soil health indicators for monitoring forest ecological restoration: a critical review	<i>Restoration Ecology</i>	1526-100X

886.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Assessment of the Pollution of Soil Heavy Metal(loid)s and Its Relation with Soil Microorganisms in Wetland Soils	Sustainability	2071-1050
887.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Preservation and Recovery of Metal-Tolerant Fungi from Industrial Soil and Their Application to Improve Germination and Growth of Wheat	<i>Sustainability</i>	2071-1050
888.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Sustainable Production of Tomato Plants (<i>Solanum lycopersicum</i> L.) under Low-Quality Irrigation Water as Affected by Bio-Nanofertilizers of Selenium and Copper	<i>Sustainability</i>	2071-1050
889.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Urban Gardens' Potential to Improve Stormwater Management: A Comparative Analysis among Urban Soils in Sorocaba, São Paulo, Brazil	<i>Sustainability</i> ,	2071-1050
890.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	HEAVY METALS AND HEALTH RISK ASSESSMENT IN VEGETABLES GROWN IN THE VICINITY OF A FORMER NON-METALLIC FACILITY LOCATED IN ROMANIA	<i>Environmental Science and Pollution Research</i> ,	0944-1344 1614-7499
891.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	No thermal adaptation in soil extracellular enzymes across a temperate grassland region	<i>Soil Biology and Biochemistry</i>	0038-0717
892.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Integrated Fertilizers Synergistically Bolster Temperate Soybean Growth, Yield, and Oil Content	<i>Sustainability</i>	2071-1050
893.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D.;	Comparative Study on the Phenolic Fingerprint and Antioxidant Activity of Strawberry Tree (<i>Arbutus unedo</i> L.) Leaves and Fruits	<i>Plants</i> ,	2223-7747
894.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Chemical Composition and Antioxidant Activity of Ammi visnaga L. Essential Oil	Antioxidants, 11(2): 347	1523-0864

895.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D.	Comparison between the Biological Active Compounds in Plants with Adaptogenic Properties (<i>Rhaponticum carthamoides</i> , <i>Lepidium meyenii</i> , <i>Eleutherococcus senticosus</i> and <i>Panax ginseng</i>)	Plants, 11(1): 64	2223-7747
896.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D.	Matching of Nitrogen Enhancement and Photosynthetic Efficiency by Arbuscular Mycorrhiza in Maize (<i>Zea mays</i> L.) in Relation to Organic Fertilizer Type	Plants, 11(3): 369	2223-7747
897.	2022	2022	Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.	Analysis of Spatial Variability and Influencing Factors of Soil Nutrients in Western China: A Case Study of the Daliuta Mining Area	Sustainability, 14(5): 2793	2071-1050
898.	2022	2022	Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.	Effect of Long-Term Fertilization on Aggregate Size Distribution and Nutrient Accumulation in Aeolian Sandy Soil	Plants, 11(7): 909	2223-7747
899.	2022	2022	Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.	Distribution of Phosphorus Fractions in Orchard Soils in Relation to Soil Properties and Foliar P Contents	Sustainability, 14(7): 3966	2071-1050
900.	2022	2022	Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.	Composted Sewage Sludge Application in a Sugarcane Seedling Nursery: Crop Nutritional Status, Productivity, and Technological Quality Implications	Sustainability, 14(8): 4682	2071-1050
901.	2022	2022	Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.	Soil Organic Carbon Stocks under Different Land Utilization Types in Western Kenya	Sustainability, 14(14)	2071-1050
902.	2022	2022	Samuel, A.D.; Mondici, S.; Brejea, R.	THE RESPONSE OF RUNNER BEAN CROP TO IRRIGATION AND FERTILIZATION	Romanian Agricultural Research, 39: 1-13	1222-4227
903.	2022	2022	Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.	Efficient Water Use and Greenhouse Gas Emission Reduction in Agricultural Land Use-The Aspect of Land Consolidation	Sustainability, 14(22): 15453	2071-1050
904.	2022	2022	Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.	How Agricultural Extension Services Improve Farmers' Organic Fertilizer Use in China? The Perspective of Neighborhood	Sustainability, 14(12): 7166	2071-1050

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905.	2022	2022	Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Intensification in Olive Growing Reduces Global Warming Potential under Both Integrated and Organic Farming	Sustainability, 14(11): 6389	2071-1050
906.	2022	2022	Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Climate-Resilient Microbial Biotechnology: A Perspective on Sustainable Agriculture	Sustainability, 14(9): 5574	2071-1050
907.	2022	2022	Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Short-term legacy effects of rice season irrigation and fertilization on the soil bacterial community of the subsequent wheat season in a rice-wheat rotation system	Agricultural Water Management, 263	0378-3774
908.	2022	2022	Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	An Assessment of the Phytoremediation Potential of Planted and Spontaneously Colonized Woody Plant Species on Chronosequence Fly Ash Disposal Sites in Serbia-Case Study	Plants, 11(1): 110	2223-7747
909.	2022	2022	Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Impact of NPK fertilization on hazelnut yield and soil chemical-microbiological properties of Hazelnut Orchards in Western Georgia	Eurasian Journal of Soil Science, 11(3): 206-215	2147-4249
910.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D	Lime and Organic Manure Amendment: A Potential Approach for Sustaining Crop Productivity of the T. Aman-Maize-Fallow Cropping Pattern in Acidic Piedmont Soils	Sustainability, 13(17): 9808	2071-1050
911.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Fighting Obesity-Related Micronutrient Deficiencies through Biofortification of Agri-Food Crops with Sustainable Fertilization Practices	Plants, 11(24): 3477	2223-7747
912.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Spatial Distribution and Estimation Model of Soil pH in Coastal Eastern China	International Journal of Environmental Research Public Health, 19(24):16855	1660-4601
913.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Root-Shoot Nutrient Dynamics of Huanglongbing-Affected Grapefruit Trees	Plants, 11(23): 3226	2223-7747
914.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid,	Intraspecific Leaf Trait Variation across and within Five Common Wine Grape Varieties	Plants, 11(20): 2792	2223-7747

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915.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D.	Altering microbial community for improving soil properties and agricultural sustainability during a 10-year maize-green manure intercropping in Northwest China	Journal of Environmental Management, 321: 115859	0301-4797
916.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Assessing the Ability of Agricultural Socialized Services to Promote the Protection of Cultivated Land among Farmers	Land, 11(8):1338	2073-445X
917.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Climatic Factors Determine the Distribution Patterns of Leaf Nutrient Traits at Large Scales	Plants, 11(16): 2171	2223-7747
918.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D.	Functional Nanohybrids and Nanocomposites Development for the Removal of Environmental Pollutants and Bioremediation	Molecules, 27(15): 4856	1420-3049
919.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Risk assessment and driving factors of trace metal(loid)s in soils of China	Environmental Pollution, 309:119772	0269-7491
920.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Phytochemical investigation, physicochemical characterization, and antimicrobial activities of Ethiopian propolis	Arabian Journal of Chemistry, 15(7): 103931	1878-5352
921.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Nitrate and Dissolved Organic Carbon Release in Sandy Soils at Different Liquid/Solid Ratios Amended with Graphene and Classical Soil Improvers	Applied Sciences, 12(12): 6220	2076-3417
922.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Heritage Building Preservation in the Process of Sustainable Urban Development: The Case of Brasov Medieval City, Romania	Sustainability, 14(12): 6959	2071-1050
923.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D.	The Effects of Hydro-Priming and Colonization with Piriformospora indica and Azotobacter chroococcum on Physio-Biochemical Traits, Flavonolignans and Fatty Acids Composition of Milk Thistle (Silybum marianum) under Saline	Plants, 11(10): 1281	2223-7747

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924.	2022	2022	Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenusa, N.; Tit, D	Urban Gardens' Potential to Improve Stormwater Management: A Comparative Analysis among Urban Soils in Sorocaba, Sao Paulo, Brazil	Sustainability, 14(5): 2965	2071-1050
925.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Bio-Evaluation of the Wound Healing Activity of Artemisia judaica L. as Part of the Plant's Use in Traditional Medicine; Phytochemical, Antioxidant, Anti-Inflammatory, and Antibiofilm Properties of the Plant's Essential Oils	Antioxidants, 11(2): 332	2076-3417
926.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	History of Grape in Anatolia and Historical Sustainable Grape Production in Erzincan Agroecological Conditions in Turkey	Sustainability, 14(3): 1496	2071-1050
927.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Phytochemical Composition and Antioxidant Activity of Passiflora spp. Germplasm Grown in Ecuador	Plants, 11(3): 328	2223-7747
928.	2022	2022	Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Evaluating the Impacts of Rice Technological Innovation on the Social Economy	Sage, 12(4)	2158-2440
929.	2022	2022	Oprea, O.B.; Apostol, L.; Bungau, S.; Cioca, G.; Samuel, A.D.; Badea, M.; Gaceu, L.	Polyphenols and atherosclerosis: A critical review of clinical effects on LDL oxidation	Pharmacological Research, 184	1043-6618
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1036.	2022		Keller, A.J., Amasha, S., Weymann I., (...) Moca P et al	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	<i>Scipost Physics 13(2)</i>	
1037.	2022		Keller, A.J., Amasha, S., Weymann I., (...) Moca P et al	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	<i>JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 55(26)</i>	
1038.	2022		Keller, A.J., Amasha, S., Weymann I., (...) Moca P et al	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	<i>Physical Rev B 105(24)</i>	
1039.	2022		Keller, A.J., Amasha, S., Weymann I., (...) Moca P et al	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	<i>Scientific Reports 12(1)</i>	
1040.	2022		Keller, A.J., Amasha, S., Weymann I., (...) Moca P et al	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	<i>Nanomaterials 12(9)</i>	
1041.	2022		Keller, A.J., Amasha, S.,	Emergent SU(4) Kondo physics in a spin-	<i>PHYSICA B-CONDENSED MATTER 636</i>	

			Weymann I., (...) Moca P et al	charge-entangled double quantum dot		
1042.	2022		Keller, A.J., Amasha, S., Weymann I., (...) Moca P et al	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	<i>PHYSICAL REVIEW RESEARCH</i> 4(1)	
1043.	2022		Keller, A.J., Amasha, S., Weymann I., (...) Moca P et al	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	<i>Physical Rev B</i> 105(7)	
1044.	2022		Keller, A.J., Amasha, S., Weymann I., (...) Moca P et al	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	<i>Physical Rev B</i> 105(3)	
1045.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>PHYSICAL REVIEW LETTERS</i> 129(22)	
1046.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>Physical Rev B</i> 105(24)	
1047.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>Scientific Reports</i> 12(1)	
1048.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>Physical Rev B</i> 105(19)	
1049.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS</i> 556	
1050.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>Nanomaterials</i> 12(9)	
1051.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>PHYSICAL REVIEW LETTERS</i> 128(14)	
1052.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>Physical Rev B</i> 105(13)	
1053.	2022		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	<i>PHYSICAL REVIEW LETTERS</i> 128(2)	
1054.	2022		Toth, A. I.; Moca, C. P.; Legeza, Oe.; et al.	Density matrix numerical renormalization group for non-Abelian symmetries	<i>PHYSICAL REVIEW LETTERS</i> 129(22)	
1055.	2022		Toth, A. I.; Moca, C. P.; Legeza, Oe.; et al.	Density matrix numerical renormalization group for non-Abelian symmetries	<i>Physical Rev B</i> 106(15)	
1056.	2022		Toth, A. I.; Moca, C. P.; Legeza, Oe.; et al.	Density matrix numerical renormalization group for non-Abelian symmetries	<i>Molecular Physics</i>	
1057.	2022		Toth, A. I.; Moca, C. P.; Legeza, Oe.; et al.	Density matrix numerical renormalization group for non-Abelian symmetries	<i>Physical Rev B</i> 106(8)	
1058.	2022		Shapir, I.; Hamo, A.; Pecker, S.; Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>Physical Rev B</i> 106(23)	
1059.	2022		Shapir, I.; Hamo, A.; Pecker, S.; Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>Scientific Reports</i> 12(1)	
1060.	2022		Shapir, I.; Hamo, A.; Pecker, S.; Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>Advanced Materials</i> 35(2)	

1061.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>Physical Rev B 106(20)</i>	
1062.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>JOURNAL OF CHEMICAL PHYSICS 157(17)</i>	
1063.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>NanoLetters</i>	
1064.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>PHYSICAL REVIEW LETTERS 129(16)</i>	
1065.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>JOURNAL OF COMPUTATIONAL PHYSICS 468</i>	
1066.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 144 (34) , pp.14657-14667</i>	
1067.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>Physical Rev B 105(24)</i>	
1068.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>JOURNAL OF MATHEMATICAL PHYSICS 63(6)</i>	
1069.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>Physical Rev B 105(19)</i>	
1070.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>JETP Letters 115 (10) , pp.608-614</i>	
1071.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>Scientific Reports 12(1)</i>	
1072.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>NanoLetters 22 (3) , pp.1190-1197</i>	
1073.	2022		Shapir, I.; Hamo, A.; Pecker, S.;Moca et al.	Imaging the electronic Wigner crystal in one dimension	<i>Advanced Materials 34(25)</i>	
1074.	2022		Mora, C., Moca, C.P., Von Delft, J., Zaránd, G.	Fermi-liquid theory for the single-impurity Anderson model	<i>PHYSICAL REVIEW LETTERS 129(22)</i>	
1075.	2022		Mora, C., Moca, C.P., Von Delft, J., Zaránd, G.	Fermi-liquid theory for the single-impurity Anderson model	<i>Physical Rev B 106(16)</i>	
1076.	2022		Mora, C., Moca, C.P., Von Delft, J., Zaránd, G.	Fermi-liquid theory for the single-impurity Anderson model	<i>PHYSICAL REVIEW LETTERS 128(14)</i>	
1077.	2022		Mora, C., Moca, C.P., Von Delft, J., Zaránd, G.	Fermi-liquid theory for the single-impurity Anderson model	<i>Physical Rev B 105(11)</i>	
1078.	2022		Mora, C., Moca, C.P., Von Delft, J., Zaránd, G.	Fermi-liquid theory for the single-impurity Anderson model	<i>Physical Rev B 105(8)</i>	
1079.	2022		Mora, C., Moca, C.P., Von Delft, J., Zaránd, G.	Fermi-liquid theory for the single-impurity Anderson model	<i>Physical Rev B 105(4)</i>	
1080.	2022		Kanasz-Nagy, M; Ashida, Y; Shi, T; Moca, CP; et al.	Exploring the anisotropic Kondo model in and out of equilibrium with alkaline-earth	<i>Physical Rev B 106(11)</i>	

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1081.	2022		Kanasz-Nagy, M; Ashida, Y; Shi, T; Moca, CP; et al.	Exploring the anisotropic Kondo model in and out of equilibrium with alkaline-earth atoms	<i>Physical Rev B 106(7)</i>	
1082.	2022		Kanasz-Nagy, M; Ashida, Y; Shi, T; Moca, CP; et al.	Exploring the anisotropic Kondo model in and out of equilibrium with alkaline-earth atoms	<i>COMMUNICATIONS IN THEORETICAL PHYSICS 74(6)</i>	
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1084.	2022		Kanasz-Nagy, M; Ashida, Y; Shi, T; Moca, CP; et al.	Exploring the anisotropic Kondo model in and out of equilibrium with alkaline-earth atoms	<i>PHYSICA B-CONDENSED MATTER 636</i>	
1085.	2022		Kanasz-Nagy, M; Ashida, Y; Shi, T; Moca, CP; et al.	Exploring the anisotropic Kondo model in and out of equilibrium with alkaline-earth atoms	<i>FRONTIERS OF PHYSICS 17(1)</i>	
1086.	2022		Yao, N. Y., Moca C. P.; Weymann, I.; et al.	Phase diagram and excitations of a Shiba molecule	<i>Physical Rev B 105(15)</i>	
1087.	2022		Yao, N. Y., Moca C. P.; Weymann, I.; et al.	Phase diagram and excitations of a Shiba molecule	<i>NanoLetters</i>	
1088.	2022		Yao, N. Y., Moca C. P.; Weymann, I.; et al.	Phase diagram and excitations of a Shiba molecule	<i>Physical Rev B 105(23)</i>	
1089.	2022		Yao, N. Y., Moca C. P.; Weymann, I.; et al.	Phase diagram and excitations of a Shiba molecule	<i>NATURE COMMUNICATIONS 13(1)</i>	
1090.	2022		Yao, N. Y., Moca C. P.; Weymann, I.; et al.	Phase diagram and excitations of a Shiba molecule	<i>PHYSICAL REVIEW LETTERS 128(3)</i>	
1091.	2022		Weymann, I; Chirla, R; Trocha, P; Moca, CP	SU(4) Kondo effect in double quantum dots with ferromagnetic leads	<i>Physical Rev B 106(19)</i>	
1092.	2022		Weymann, I; Chirla, R; Trocha, P; Moca, CP	SU(4) Kondo effect in double quantum dots with ferromagnetic leads	<i>Physical Rev B 106(12)</i>	
1093.	2022		Weymann, I; Chirla, R; Trocha, P; Moca, CP	SU(4) Kondo effect in double quantum dots with ferromagnetic leads	<i>PHYSICA B-CONDENSED MATTER 636</i>	
1094.	2022		Weymann, I; Chirla, R; Trocha, P; Moca, CP	SU(4) Kondo effect in double quantum dots with ferromagnetic leads	<i>JOURNAL OF MAGNETISM AND MAGNETIC MATER 546;Krychowski et al</i>	
1095.	2022		Weymann, I; Chirla, R; Trocha, P; Moca, CP	SU(4) Kondo effect in double quantum dots with ferromagnetic leads	<i>JOURNAL OF MAGNETISM AND MAGNETIC MATER 546;Tulewicz et al</i>	
1096.	2022		Weymann, I; Chirla, R; Trocha, P; Moca, CP	SU(4) Kondo effect in double quantum dots with ferromagnetic leads	<i>ANNALEN DER PHYSIK 534(4)</i>	

1097.	2022		Dora, B; Moca, P	Quantum Quench in PT-Symmetric Luttinger Liquid	<i>Physical Rev B 106(23)</i>	
1098.	2022		Dora, B; Moca, P	Quantum Quench in PT-Symmetric Luttinger Liquid	<i>ACTA PHYSICA SINICA 71(17)</i>	
1099.	2022		Dora, B; Moca, P	Quantum Quench in PT-Symmetric Luttinger Liquid	<i>Physical Rev B 106(12)</i>	
1100.	2022		Dora, B; Moca, P	Quantum Quench in PT-Symmetric Luttinger Liquid	<i>Physical Rev B 105(20)</i>	
1101.	2022		Dora, B; Moca, P	Quantum Quench in PT-Symmetric Luttinger Liquid	<i>SCIPOST PHYSICS 12(5)</i>	
1102.	2022		Dora, B; Moca, P	Quantum Quench in PT-Symmetric Luttinger Liquid	<i>PHYSICAL REVIEW RESEARCH 4(1)</i>	
1103.	2022		Moca, C.P., Weymann, I., Werner, M.A., Zaránd, G.	Kondo Cloud in a Superconductor.	<i>Physical Rev B 106(19)</i>	
1104.	2022		Moca, C.P., Weymann, I., Werner, M.A., Zaránd, G.	Kondo Cloud in a Superconductor.	<i>Physical Rev B 106(12)</i>	
1105.	2022		Moca, C.P., Weymann, I., Werner, M.A., Zaránd, G.	Kondo Cloud in a Superconductor.	<i>CHINESE PHYSICS B 31(10)</i>	
1106.	2022		Moca, C.P., Weymann, I., Werner, M.A., Zaránd, G.	Kondo Cloud in a Superconductor.	<i>PHYSICAL REVIEW LETTERS 129(1)</i>	
1107.	2022		Moca, C.P., Weymann, I., Werner, M.A., Zaránd, G.	Kondo Cloud in a Superconductor.	<i>JOURNAL OF CHEMICAL PHYSICS 156(22)</i>	
1108.	2022		Moca, C.P., Weymann, I., Werner, M.A., Zaránd, G.	Kondo Cloud in a Superconductor.	<i>Physical Rev B 105(5)</i>	
1109.	2022		Bacsi, A., Moca, C.P., Zarand, G., Dora, B.	Vaporization Dynamics of a Dissipative Quantum Liquid	<i>COMMUNICATIONS PHYSICS 5(1)</i>	
1110.	2022		Bacsi, A., Moca, C.P., Zarand, G., Dora, B.	Vaporization Dynamics of a Dissipative Quantum Liquid	<i>REPORTS ON PROGRESS IN PHYSICS 85(11)</i>	
1111.	2022		Bacsi, A., Moca, C.P., Zarand, G., Dora, B.	Vaporization Dynamics of a Dissipative Quantum Liquid	<i>Physical Rev B 105(20)</i>	
1112.	2022		Bacsi, A., Moca, C.P., Zarand, G., Dora, B.	Vaporization Dynamics of a Dissipative Quantum Liquid	<i>SCIPOST PHYSICS 12(3)</i>	
1113.	2022		Bacsi, A., Moca, C.P., Zarand, G., Dora, B.	Vaporization Dynamics of a Dissipative Quantum Liquid	<i>JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 55(7)</i>	
1114.	2022		Sticlet, Doru ; Dora, Balazs ; Moca, Catalin Pascu	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity	<i>Physical Rev B 106(13)</i>	
1115.	2022		Sticlet, Doru ; Dora, Balazs ; Moca, Catalin Pascu	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity	<i>ACTA PHYSICA SINICA 71(17)</i>	
1116.	2022		Sticlet, Doru ; Dora, Balazs ; Moca, Catalin Pascu	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity	<i>PRX QUANTUM 3(3)</i>	

1117.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Seonu, SY; Kim, MJ; Lee, MW EVIDENCE- BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1118.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Ali, A; Mashwani, ZUR; Ahmad, I; Raja, NI; Mohammad, S; Khan, SU FRONTIERS IN ENDOCRINOLOGY	
1119.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Fan, DS; Lu, JQ; Yu, NJ; Xie, YJ; Zhen, L EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1120.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Khalil, HE; Abdelwahab, MF; Ibrahim, HIM; AlYahya, KA; Mohamed, AA; Radwan, AS; Waz, S MOLECULES	
1121.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Khalil, HE; Abdelwahab, MF; Ibrahim, HIM; AlYahya, KA; Altaweel, AA; Alasoom, AJ; Burshed, HA; et al LIFE-BASEL	
1122.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Safdar, R; Thanabalan, M JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	
1123.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Arif, MA; Inam-ur-Raheem, M; Khalid, W; et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1124.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Zhang, MX; Liu, J; Zhang, XZ; Zhang, SM; et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1125.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Wang, D; Bi, CR; Jiang, HY; Li, YJ; Zhang, WP; Liu, Y; Liu, YJ EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1126.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Dai, J; Hu, Y; Si, Q; Gu, YF; Xiao, ZQ; Ge, Q; Sha, RY MOLECULES	
1127.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Islam, F; Mitra, S; Bin Emran, T; Khan, Z; Nath, N; Das, R; Sharma, R; Al Awadh, AA; Park, MN; Kim, B MOLECULES	
1128.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Rahman, MM; Islam, MR; Akash, S; Harun- Or-Rashid, M; Ray, TK; Rahaman, MS; et al BIOMEDICINE & PHARMACOTHERAPY	
1129.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Shaaban, AA; Abdelhamid, AM; Shaker, ME; Cavalu, S; Maghiar, AM; Alsayegh, AA; et al BIOMEDICINE & PHARMACOTHERAPY	

1130.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Liu, Z; Zhao, HQ; Liu, J; Han, YS; Wang, YH EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1131.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Lesa, KN; Khandaker, MU; Iqbal, FMR; Sharma, R; Islam, F; Mitra, S; Bin Emran, T JOURNAL OF FOOD QUALITY	
1132.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Shohag, S; Akhter, S; Islam, S; Sarker, T; Sifat, MK; Rahman, MM; Islam, MR; Sharma, R OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	
1133.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Liu, LP; Chen, YP; Wu, Q; Shu, AM; Sun, JH EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1134.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Das, R; Rauf, A; Mitra, S; Emran, TB; Hossain, MJ; Khan, Z; Naz, S; et al CHEMICO- BIOLOGICAL INTERACTIONS	
1135.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Fang, YH; Zhang, LL; Wang, Z; Wang, RY; Liang, SS FRONTIERS IN PHARMACOLOGY	
1136.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Wang, Y; Rao, YF; Lin, ZJ; Sa, R; Yin, YL; Zhang, XM; Zhang, B OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	
1137.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Arya, AK; Durgapal, M; Bachheti, A; Joshi, et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1138.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Rahman, MM; Islam, MR; Rahman, F; Rahaman, MS; Khan, MS; Abrar, S; Ray, TK; et al BIOENGINEERING-BASEL	
1139.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Pardeshi, S; Damiri, F; Zehravi, M; Joshi, R; Kapare, H; Prajapati, MK; Munot, N; Berrada, et al POLYMERS	
1140.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Zheng, ZH; Xian, YS; Jin, Z; Yao, F; Liu, YZ; Deng, Y; Wang, B; Chen, DL; Yang, JJ; Ren, LX; Lin, R PHYTOMEDICINE	
1141.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Su, XJ; Ren, RR; Yang, LL; Su, C; Wang, et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1142.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Ahemad, AIAT; Aejazuddin, QMA; Khan, GJ; Alsayari, A; Wahab, S; Khan, SL; Akter, NJ; Islam, MR; Roy, A; Islam, F BIOMED RESEARCH INTERNATIONAL	

1143.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Rahman, MM; Mim, SA; Tumpa, MAA; Sarker, MT; Ahmed, M; Alghamdi, BS; Hafeez, A; Alexiou, A; Perveen, A; Ashraf, GM CYTOKINE	
1144.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Zhang, YQ; Jin, D; Zhou, RR; Yang, CQ; Zhang, YH; Lian, FM; Tong, XL EVIDENCE- BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1145.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Granados-Guzman, G; Alanis-Garza, B; Castro- Rios, R; Waksman-Minsky, N; Salazar-Aranda, R QUIMICA NOVA	
1146.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Islam, F; Khadija, JF; Islam, MR; Shohag, S; et al. EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1147.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Wang, LL; Hu, RC; Dai, AG EVIDENCE- BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1148.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Quazi, A; Patwekar, M; Patwekar, F; et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1149.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Fu, Y; Yuan, JY; Sang, F; Shao, MY; et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1150.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Shi, M; Gu, JY; Wu, HJ; Rauf, A; Emran, TB; Khan, Z; Mitra, S; Aljohani, ASM; et al. ANTIOXIDANTS	
1151.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Yassir, M; Ben Bakrim, W; Mahmoud, MF; Drissi, B; Kouisni, L; Sobeh, M OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	
1152.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Sathyanarayanan, S; Sreeja, PS; Arunachalam, K; Parimelazhagan, T EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1153.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Quazi, A; Patwekar, M; Patwekar, F; Alghamdi, S; Rajab, BS; Babalghith, AO; Islam, F EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1154.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Mitra, S; Islam, F; Das, R; Urmee, H; Akter, A; Idris, AM; Khandaker, MU; Almikhlaifi, MA; Sharma, R; Emran, TB BIOMED RESEARCH	

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1155.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Zhu, MM; Zhang, BX; Zhang, JH; Ge, SQ; Liu, MY EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1156.	2022		Rahman, Md Mominur ; Islam, Md Rezaul ; (...); Cavalu, Simona	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review	Xiong, ZL; Huo, MH; Jia, YZ; Zhou, C; Ma, XL; Yin, H; Jiang, XW; Yu, WH EVIDENCE- BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1157.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Kanojia, N; Thapa, K; Kaur, G; Sharma, A; Puri, V; Verma, N JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	
1158.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Wang, ZY; Sun, XM; Zhao, Y; Ga, LB; Li, Q; Li, Q; Wang, XT; Yang, CJ FRONTIERS IN PHARMACOLOGY	
1159.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Khannanov, A; Burmatova, A; Ignatyeva, K; Vagizov, F; et al INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	
1160.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Puri, V; Kanojia, N; Sharma, A; Huanbutta, K; Dheer, D; Sangnim, T FRONTIERS IN PHARMACOLOGY	
1161.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Rahman, MM; Wang, XY; Islam, MR; Akash, S; et al FRONTIERS IN PHARMACOLOGY	
1162.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Paramanick, D; Singh, VD; Singh, VK JOURNAL OF CONTROLLED RELEASE	
1163.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Nakao, A; Hu, AL; Yamaguchi, T; Tabuchi, et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1164.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Nguyen, LTH; Choi, MJ; Shin, HM; Yang, IJ EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1165.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Mumtaz, I; Ayaz, MO; Khan, MS; Manzoor, U; Ganayee, MA; et al FRONTIERS IN AGING NEUROSCIENCE	
1166.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Jangra, A; Verma, M; Kumar, D; Chandrika; Rachamalla, M; Dey, A; Dua, K; Jha, SK; Ojha, S; et al NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS	

1167.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Rauf, A; Rahman, MM FRONTIERS IN PHARMACOLOGY	
1168.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Sharma, RK; Bibi, S; Chopra, H; Khan, MS; Aggarwal, N; Singh, I; Ahmad, SU; Hasan, et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1169.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Arora, D; Bhatt, S; Kumar, M; Verma, R; Taneja, Y; Kaushal, N; Tiwari, A; Tiwari, V; et al FRONTIERS IN AGING NEUROSCIENCE	
1170.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Sharma, R; Singla, RK; Banerjee, S; Sinha, B; Shen, BR; Sharma, R NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS	
1171.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Rahman, MM; Islam, MR; Rahman, F; Rahaman, MS; Khan, MS; Abrar, S; Ray, TK; et al BIOENGINEERING-BASEL	
1172.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Rahman, MM; Mim, SA; Tumpa, MAA; Sarker, MT; Ahmed, M; Alghamdi, BS; et al CYTOKINE	
1173.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Chugh, RM; Mittal, P; Mp, N; Arora, T; Bhattacharya, T; Chopra, H; Cavalu, S; Gautam, RK FRONTIERS IN PHARMACOLOGY	
1174.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Chopra, H; Bibi, S; Goyal, R; Gautam, RK; Trivedi, R; Upadhyay, TK; Mujahid, MH; et al FRONTIERS IN ONCOLOGY	
1175.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Yuan, B; Zhao, XD; Shen, JD; Chen, SJ; Huang, HY; et al OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	
1176.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Khandia, R; Saeed, M; Alharbi, AM; Ashraf, et al FRONTIERS IN NEUROSCIENCE	
1177.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Martano, S; De Matteis, V; Cascione, M; Rinaldi, R NANOMATERIALS	
1178.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Pandey, J; Dubey, R; Kate, A; Prasad, B; Sinha, A; Mishra, MS DRUG RESEARCH	
1179.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Rahman, MM; Bibi, S; Rahaman, MS; Rahman, F; Islam, F; Khan, MS; et al BIOMEDICINE & PHARMACOTHERAPY	

1180.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Rahman, M; Islam, R; Shohag, S; Hossain, E; et al ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	
1181.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Rahman, MM; Islam, F; Mim, SA; Khan, MS; et al JOURNAL OF NANOMATERIALS	
1182.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Wang, F; Zhang, K; Zhai, MY; Lin, X; Hu, et al PHYTOMEDICINE	
1183.	2022		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	Rahman, MM; Mim, SA; Islam, MR; Parvez, A; Islam, F; Uddin, et al CURRENT MEDICINAL CHEMISTRY	
1184.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Oksuz, AE; Yurddaskal, M; Doluel, EC; Kartal, U; Dikici, T SURFACE AND INTERFACE ANALYSIS	
1185.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Zeghoud, S; Hemmami, H; Ben Seghir, B; Ben Amor, I; et al MATERIALS TODAY COMMUNICATIONS	
1186.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Sherif, RM; Talat, D; Alaidaroos, BA; Farsi, RM; Hassoubah, SA; et al ANNALS OF ANIMAL SCIENCE	
1187.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Kurhade, P; Kodape, S; Junghare, K; Wankhade, A BIOMASS CONVERSION AND BIOREFINERY	
1188.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Busila, M; Musat, V; Dinica, R; Tutunaru, D; Pantazi, A; Dorobantu, D; Culita, DC; Enachescu, M MATERIALS	
1189.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Rahmah, MI; Qasim, HB APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	
1190.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Habeeb, M; Kareem, TA; Deepthi, KL; Khot, VS; Woon, YH; Pawar, SS JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	
1191.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Zhang, HS; Zhang, SN; Guo, WK; He, SH EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1192.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Michael, A; Singh, A; Roy, A; Islam, MR BIOINORGANIC CHEMISTRY AND APPLICATIONS	

1193.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Mandal, AK; Katuwal, S; Tettey, F; Gupta, A; Bhattarai, S; et al NANOMATERIALS	
1194.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Islam, F; Bepary, S; Nafady, MH; Islam, MR; Bin Emran, T; et al OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	
1195.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Patwekar, M; Patwekar, F; Alghamdi, S; Kamal, M; et al BIOMED RESEARCH INTERNATIONAL	
1196.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Hu, XZ; Hong, B; Sun, MH EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1197.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Krasil'nikov, VN; Tyutyunnik, AP; Zhukov, VP; Baklanova, IV; Gyrdasova, OI; Chulkov, EV JOURNAL OF ALLOYS AND COMPOUNDS	
1198.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Mawed, SA; Marini, C; Alagawany, M; Farag, MR; Reda, RM; et al ANTIOXIDANTS	
1199.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Mustafa, G; Miyagawa, S; Hasan, M; Yamaguchi, H; Hitachi, K; Tsuchida, K; Komatsu, S JOURNAL OF PLANT GROWTH REGULATION	
1200.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Bawazeer, S; Rauf, A; Emran, TB; Aljohani, ASM; Alhumaydhi, FA; et al JOURNAL OF NANOMATERIALS	
1201.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Marica, A; Sipos, L; Iurcov, R; Stefanescu, T; Ciavoi, G; Lucan, AI; Miere, F ROMANIAN JOURNAL OF ORAL REHABILITATION	
1202.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Picasso, C; Salinas, Y; Bruggemann, O; Scharber, MC; et al NANOMATERIALS	
1203.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Torres-Ramos, MI; Martin-Camacho, UJ; Gonzalez, JL; Yet al INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	
1204.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Khalid, A; Ahmad, P; Khan, A; Muhammad, S; Khandaker, MU; et al BIOINORGANIC CHEMISTRY AND APPLICATIONS	
1205.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Bekele, ET; Sintayehu, YD; Murthy, HCA; Shume, MS; et al CHEMICAL PAPERS	

1206.	2022		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	Rakgotho, T; Ndou, N; Mulaudzi, T; Iwuoha, E; Mayedwa, N; Ajayi, RF AGRICULTURE-BASEL	
1207.	2022		Cavalu et al.	Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Hathout, RM ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	
1208.	2022		Cavalu et al.	Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Indra, A; Hamid, I; Farenza, J; Handra, N; Subardi, A; Subardi, A JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS	
1209.	2022		Cavalu et al.	Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Oliveira, AS; Silva, JC; Figueiredo, L; Ferreira, FC; et al BIOMATERIALS SCIENCE	
1210.	2022		Cavalu et al.	Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Wang, Y; Zhang, D; Jia, M; Zheng, X; Liu, Y; et al JOURNAL OF DRUG TARGETING	
1211.	2022		Cavalu et al.	Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Li, W; Shu, SJ; Nooraei, A; Abadifard, E; Younus, MD; Gao, HW JOURNAL OF BIOMEDICAL NANOTECHNOLOGY	
1212.	2022		Cavalu et al.	Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Radulescu, DM; Neacsu, IA; Grumezescu, AM; Andronescu, E POLYMERS	
1213.	2022		Cavalu et al.	Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Adelnia, H; Ensandoost, R; Moonshi, SS; Gavgani, JN; Vasafi, EI; Ta, HT EUROPEAN POLYMER JOURNAL	
1214.	2022		Cavalu et al.	Novel Hybrid Composites Based on PVA/SeTiO ₂ Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications	Miere, F; Ganea, M; Teodorescu, AG; Fritea, Let al PHARMACOPHORE	
1215.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Zhang, HS; Zhang, SN; Guo, WK; He, SH EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1216.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Wei, ZZ; Zhou, J; Yu, H; Pu, YZ; Cheng, YL; Zhang, Y; Ji, Q; Zhu, HR EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE	

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1217.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Zhang, GF; Liu, C; Zhang, RT FRONTIERS IN NUTRITION	
1218.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Anjum, J; Mitra, S; Das, R; Alam, R; Mojumder, A; et al PHARMACOLOGICAL RESEARCH	
1219.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Islam, F; Mitra, S; Bin Emran, T; Khan, Z; Nath, N; et al MOLECULES	
1220.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Khan, Z; Nath, N; Rauf, A; Bin Emran, T; Mitra, S; et al CHEMICO-BIOLOGICAL INTERACTIONS	
1221.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Mitra, S; Das, R; Emran, TB; Labib, RK; Noor-E-Tabassum; et al FRONTIERS IN PHARMACOLOGY	
1222.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Islam, F; Bepary, S; Nafady, MH; Islam, MR; Bin Emran, T; et al OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	
1223.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Das, R; Rauf, A; Mitra, S; Emran, TB; Hossain, MJ; et al CHEMICO-BIOLOGICAL INTERACTIONS	
1224.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Hu, XZ; Hong, B; Sun, MH EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1225.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Bonucci, M; Geraci, A; Pero, D; Villiva, C; Cordella, et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1226.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Mitra, S; Emran, TB; Chandran, D; Zidan, BMRM; et al FRONTIERS IN NUTRITION	
1227.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Ghoran, SH; Calcaterra, A; Abbasi, M; Taktaz, F; Nieselt, K; Babaei, E MOLECULES	
1228.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Dhondrup, R; Zhang, XK; Feng, XM; Lobsang, D; et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	

1229.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Ahemad, AIAT; Aejaazuddin, QMA; Khan, GJ; et al BIOMED RESEARCH INTERNATIONAL	
1230.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Wang, YC; Zhang, RH; Hu, SC; Zhang, H; Yang, D; et al MOLECULES	
1231.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Gao, RJ; Lv, Y EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1232.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Islam, F; Khadija, JF; Islam, MR; Shohag, S; Mitra, S; et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1233.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Naeem, M; Iqbal, MO; Khan, H; Ahmed, MM; et al MOLECULES	
1234.	2022		Islam, Md Rezaul ; Islam, Fahadul ; (...); Cavalu, Simona	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint	Mitra, S; Islam, F; Das, R; Urmee, H; Akter, A; et al BIOMED RESEARCH INTERNATIONAL	
1235.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Kanojia, N; Thapa, K; Kaur, G; Sharma, A; Puri, V; Verma, N JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	
1236.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Stan, C; Nenciu, F; Muscalu, A; Vladut, VN; et al DIVERSITY-BASEL	
1237.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Farias, C; Cisternas, C; Morales, G; Munoz, L; Valenzuela, R REVISTA CHILENA DE NUTRICION	
1238.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Mehring, A; Zayed, A; Salem, MA; Alseekh, S; Fernie, AR; Ulber, R INDUSTRIAL CROPS AND PRODUCTS	
1239.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Tursun, AO SAUDI JOURNAL OF BIOLOGICAL SCIENCES	
1240.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense	Kacaniyova, M; Galovicova, L; Borotova, P; et al PLANTS-BASEL	

				Extracts in Terms of Phytochemical Profile and Pharmacological Effects		
1241.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Ali, R; Khamis, T; Enan, G; El-Didamony, G; Sitohy, B; Abdel-Fattah, G MOLECULES	
1242.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Goyal, A; Sharma, A; Kaur, J; Kumari, S; Garg, M; et al MOLECULES	
1243.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Aminian, AR; Mohebbati, R; Boskabady, MH FRONTIERS IN PHARMACOLOGY	
1244.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Faskhutdinova, ER; Sukhikh, AS; Le, VM; et al FOODS AND RAW MATERIALS	
1245.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Perrine, KTA; Moise, AAA; Claver, KA; Tet al ENTOMOLOGY AND APPLIED SCIENCE LETTERS	
1246.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Cicalau, GIP; Miere, F; Mandal, AK; et al PHARMACOPHORE	
1247.	2022		Antonescu...Cavalu	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	Kleszken, E; Timar, AV; Memete, AR; Miere, GF; Vicas, SI PHARMACOPHORE	
1248.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Kumar, A; Kumar, A; Vats, et al FRONTIERS IN SUSTAINABLE FOOD SYSTEMS	
1249.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Mazur, O; Baldysz, S; Warowicka, A; Nawrot, R FRONTIERS IN PLANT SCIENCE	
1250.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Miola, M; Multari, C; Verne, E MATERIALS	
1251.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Fouda, A; Hassan, SE; Eid, AM; Awad, et al GREEN PROCESSING AND SYNTHESIS	
1252.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Aklilu, M; Aderaw, T JOURNAL OF NANOMATERIALS	

1253.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Arif, S; Nawaz, M; Siddique, S; Ayub, R; Saleem, S MATERIALS TODAY COMMUNICATIONS	
1254.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Mateo, EM; Jimenez, M ANTIBIOTICS-BASEL	
1255.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Godoy-Colin, E; Corona-Avendano, S; et al JOURNAL OF THE ELECTROCHEMICAL SOCIETY	
1256.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Sharma, RK; Bibi, S; Chopra, H; Khan, MS; et al EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	
1257.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Wang, Y; Rao, YF; Lin, ZJ; Sa, OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	
1258.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Bawazeer, S; Rauf, A; Emran, TB; Aljohani, A et al JOURNAL OF NANOMATERIALS	
1259.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Saka, A; Enkosa, E; Jule, LT; et al BIOMASS CONVERSION AND BIOREFINERY	
1260.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Marica, A; Sipos, L; Iurcov, R; Stefanescu, T; et al ROMANIAN JOURNAL OF ORAL REHABILITATION	
1261.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Khalid, A; Ahmad, P; Khan, A; Muhammad, S; et al BIOINORGANIC CHEMISTRY AND APPLICATIONS	
1262.	2022		Chopra, Hitesh ; Bibi, Shabana (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	Yassin, MT; Mostafa, AAF; Al-Askar, AA; Al-Otibi, FO CRYSTALS	
1263.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Synthesis of 1,3,4-Thiadiazole Derivatives and Their Anticancer Evaluation	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 24(24)	1422-0067
1264.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Synthesis, biological evaluation and in silico studies of some new analogues of 3,5-disubstituted thiazolidin-2,4-dione	FUTURE MEDICINAL CHEMISTRY 15(24)	1756-8927
1265.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Effect of the substituents on luminescent behaviors of the salts based on 4,4'-(4-amino-4H-1,2,4-triazole-3,5-diyl)diphenol	JOURNAL OF MOLECULAR STRUCTURE 1293	1872-8014
1266.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Docking Study, Synthesis, Characterization and Preliminary Cytotoxic Evaluation of New 1,3,4-Thiadiazole Derivatives	JOURNAL OF CONTEMPORARY MEDICAL SCIENCES 9(4)	2413-0516

1267.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Synthesis and crystal structure studies of 5-(trifluoromethyl)-1,3,4-thiadiazol-2(3H)-one at 180 K	ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE 79	1600-5368
1268.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Synthesis, Molecular Docking, and Antitumor Activity of 1,3,4-Thiadiazole-Based Heterocycles against Hepatocellular Carcinoma	CHEMISTRYSELECT 8(20)	2365-6549
1269.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Synthesis, antiproliferative and 4D-QSAR studies of thiadiazole derivatives bearing acrylamide moiety as EGFR inhibitors	SAR AND QSAR IN ENVIRONMENTAL RESEARCH 34(4)	1029-046X
1270.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Synthesis and Antimicrobial Evaluation of 3-Carbonyl-(pyrid-4-yl)-5-hepta-O-benzoyl- β -D-lactosylimino-2-arylimino-1,3,4-thiadiazolidines	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY 33(2)	0971-1627
1271.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Thiadiazole-A promising structure in design and development of anti-Alzheimer agents	INTERNATIONAL IMMUNOPHARMACOLOGY 118	1567-5769
1272.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Design, synthesis, and antibacterial activity of a new series of ciprofloxacin-thiadiazole hybrid	JOURNAL OF MOLECULAR STRUCTURE 1282	1872-8014
1273.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Design, Synthesis, Biological Activity Evaluation and Action Mechanism of Myricetin Derivatives Containing Thiazolebisamide	CHEMISTRY & BIODIVERSITY 20(3)	1612-1880
1274.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Identification of 2-Aminoacyl-1,3,4-thiadiazoles as Prostaglandin E2 and Leukotriene Biosynthesis Inhibitors	ACS MEDICINAL CHEMISTRY LETTERS 14(1)	1948-5875
1275.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Recent Developed Nitrogen/Sulfur Heterocyclic Compounds with Marked and Selective Antiviral Activities (Microreview)	CURRENT ORGANIC CHEMISTRY 27(9)	1385-2728
1276.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Harvesting and processing medicinal plants for antibacterial testing	ADVANCES IN BOTANICAL RESEARCH 106	2162-5948
1277.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban,	Synthesis and In Vitro Anti-Bacterial Screening of N -Arylidene-5-Aryl-	LATIN AMERICAN JOURNAL OF PHARMACY 42(2)	2362-3853

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1278.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	1,3,4-Thiadiazole: A Versatile Pharmacophore of Medicinal Significance	MEDICINAL CHEMISTRY 19(8)	1454-8120
1279.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Cytotoxic Activity of Unique Synthesized Five-membered Heterocyclic Compounds Coordinated with Tiopronin Monovalent	CURRENT PHARMACEUTICAL DESIGN 29(12)	1873-4286
1280.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Pyrazole as an Anti-Microbial Scaffold: A Comprehensive Review	MINI-REVIEWS IN ORGANIC CHEMISTRY 20(6)	1570-193X
1281.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Synthesis of gallic acid amide derivatives containing 1,3,4-thiadiazole and their inhibitory activity on <i>Vibrio harveyi</i>	PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES 36(1)	1011-601X
1282.	2023		Georgeta Șerban, Oana Stănășel, Eugenia Șerban, Sanda Bota	Current scenario of quinolone hybrids with potential antibacterial activity against ESKAPE pathogens	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY 247	0223-5234
1283.	2023		Oana Stănășel, Aurel Iovi, Hrefna Kristmannsdottir, Iulian Stănășel	75 localities with geothermal water in Bihor County (Romania) and the potential for the sustainability of balneology	PRESENT ENVIRONMENT AND SUSTAINABLE DEVELOPMENT	2284-7820
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1288.	2023		Dulamita, N, Maicaneanu, A, Sayle, DC, Stanca, M, Craciun, R, Olea, M, Afloroaei, C, Fodor, A	Insights into promotional effects for ethylbenzene dehydrogenation to styrene with steam over Fe-K, Fe-K-Ce and Fe-K-Ce-Mo mixed oxide catalysts	APPLIED CATALYSIS A-GENERAL 666	0926 860x
1289.	2023		Dragan, F, Lestyan, M, Lupu, VV, Marcu, FM, Cozma, A, Fodor, K, Ciubara, A, Moisa, CF, Teaha, D, Lupu, A	Nature's toolbox against tau aggregation: An updated review of current research	AGEING RESEARCH REVIEWS 87	1568-1637
1290.	2023		L. Marcu, E. Bezak, B. Allen	Global comparison of targeted alpha vs targeted beta therapy for cancer: in vitro, in vivo and clinical trials	DALTON TRANSACTIONS Volume: 53 Issue: 3 Pages: 1141-1155	
1291.	2023		L. Marcu, E. Bezak, B. Allen	Global comparison of targeted alpha vs targeted beta therapy for cancer: in vitro, in vivo and clinical trials	CHEMICAL REVIEWS Volume: 123 Issue: 20 Pages: 12004-12035	
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1299.	2023		L. Marcu, E. Bezak, B. Allen	Global comparison of targeted alpha vs targeted beta therapy for cancer: in vitro, in vivo and clinical trials	PHARMACEUTICS Volume: 15 Issue: 4 Article Number: 1051	
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1430.	2023		Keller,...Moca.	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	PHYSICAL REVIEW RESEARCH Volume: 5 Issue: 4 Article Number: 043177	
1431.	2023		Keller,...Moca.	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	PHYSICAL REVIEW B Volume: 108 Issue: 14 Article Number: 144307	
1432.	2023		Keller,...Moca.	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	COMMUNICATIONS PHYSICS Volume: 6 Issue: 1 Article Number: 313	
1433.	2023		Keller,...Moca.	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	ANNALS OF PHYSICS Volume: 456 Article Number: 169231	
1434.	2023		Keller,...Moca.	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	PHYSICAL REVIEW B Volume: 108 Issue: 4 Article Number: 045426	
1435.	2023		Keller,...Moca.	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	SCIPOST PHYSICS Volume: 15 Issue: 1	

1436.	2023		Keller,...Moca.	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	PHYSICAL REVIEW LETTERS Volume: 130 Issue: 14	
1437.	2023		Keller,...Moca.	Emergent SU(4) Kondo physics in a spin-charge-entangled double quantum dot	ANNALEN DER PHYSIK Volume: 535 Issue: 3	
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1439.	2023		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	PHYSICAL REVIEW B Volume: 108 Issue: 14 Article Number: 144307	
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1443.	2023		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	PHYSICAL REVIEW B Volume: 107 Issue: 20 Article Number: L201401	
1444.	2023		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	PHYSICAL REVIEW LETTERS Volume: 130 Issue: 18 Article Number: 186301	
1445.	2023		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	PHYSICAL REVIEW B Volume: 107 Issue: 16 Article Number: L161108	
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1447.	2023		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	PHYSICAL REVIEW LETTERS Volume: 130 Issue: 13 Article Number: 136201	
1448.	2023		Keller, A. J.; Peeters, L.; Moca, C. P.; et al.	Universal Fermi liquid crossover and quantum criticality in a mesoscopic system	PHYSICAL REVIEW B Volume: 107 Issue: 11 Article Number: 115149	
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1451.	2023		Shapir, I., Hamo, A., Pecker, S., (...), Zarand, G., Ilani, S.	Imaging the electronic Wigner crystal in one dimension	PHYSICAL REVIEW A Volume: 108 Issue: 6 Article Number: 063320	
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1454.	2023		Shapir, I., Hamo, A., Pecker, S., (...), Zarand, G., Ilani, S.	Imaging the electronic Wigner crystal in one dimension	PHYSICAL REVIEW B Volume: 108 Issue: 15 Article Number: 155131	
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1466.	2023		Kanasz-Nagy, Marton; Ashida, Yuto; Shi, Tao; Moca et al.	Exploring the anisotropic Kondo model in and out of equilibrium with alkaline-earth atoms	PHYSICAL REVIEW A Volume: 108 Issue: 4 Article Number: L041302	
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1468.	2023		Kanasz-Nagy, Marton; Ashida, Yuto; Shi, Tao; Moca et al.	Exploring the anisotropic Kondo model in and out of equilibrium with alkaline-earth atoms	PHYSICAL REVIEW B Volume: 107 Issue: 20 Article Number: L201115	
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1480.	2023		Dóra, B., Moca, C.P.	Quantum Quench in P T -Symmetric Luttinger Liquid	PHYSICAL REVIEW B Volume: 107 Issue: 2 Article Number: L020403	
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1491.	2023		Scherubl, Moca.	Large spatial extension of the zero-energy Yu-Shiba-Rusinov state in a magnetic field	COMMUNICATIONS PHYSICS Volume: 6 Issue: 1 Article Number: 190	
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1499.	2023		Sticlet, Doru ; Dora, Balazs ; Moca, Catalin Pascu	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity	REPORTS ON PROGRESS IN PHYSICS Volume: 86 Issue: 12 Article Number: 124501	
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1501.	2023		Sticlet, Doru ; Dora, Balazs ; Moca, Catalin Pascu	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity	JOURNAL OF PHYSICS-CONDENSED MATTER Volume: 35 Issue: 33 Article Number: 333001	
1502.	2023		Sticlet, Doru ; Dora, Balazs ; Moca, Catalin Pascu	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity	PHYSICAL REVIEW A Volume: 107 Issue: 4 Article Number: 043315	
1503.	2023		Sticlet, Doru ; Dora, Balazs ; Moca, Catalin Pascu	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity	PHYSICAL REVIEW A Volume: 107 Issue: 2 Article Number: 022202	
1504.	2023		Dora, Balazs ; Sticlet, Doru ; Moca, Catalin Pascu	Correlations at PT-Symmetric Quantum Critical Point	REPORTS ON PROGRESS IN PHYSICS Volume: 86 Issue: 12 Article Number: 124501	
1505.	2023		Dora, Balazs ; Sticlet, Doru ; Moca, Catalin Pascu	Correlations at PT-Symmetric Quantum Critical Point	MODERN PHYSICS LETTERS A Volume: 38 Issue: 3	
1506.	2023		Dora, Balazs ; Sticlet, Doru ; Moca, Catalin Pascu	Correlations at PT-Symmetric Quantum Critical Point	SCIPOST PHYSICS Volume: 14 Issue: 5 Article Number: 138	

1507.	2023		Dora, Balazs ; Sticlet, Doru ; Moca, Catalin Pascu	Correlations at PT-Symmetric Quantum Critical Point	PHYSICAL REVIEW B Volume: 107 Issue: 15 Article Number: 155430	
1508.	2023		Dora, Balazs ; Sticlet, Doru ; Moca, Catalin Pascu	Correlations at PT-Symmetric Quantum Critical Point	OPTICS EXPRESS Volume: 31 Issue: 6 Pages: 9236-9250	
1509.	2023		Dora, Balazs ; Sticlet, Doru ; Moca, Catalin Pascu	Correlations at PT-Symmetric Quantum Critical Point	PHYSICAL REVIEW B Volume: 107 Issue: 2 Article Number: L020403	
1510.	2023		Dora, Balazs ; Sticlet, Doru ; Moca, Catalin Pascu	Correlations at PT-Symmetric Quantum Critical Point	PHYSICAL REVIEW B Volume: 107 Issue: 4 Article Number: 045110	
1511.	2023		Moca, C.P., Izumida, W., Dóra, B., (...), Asbóth, J.K., Zaránd, G.	Topologically Protected Correlated End Spin Formation in Carbon Nanotubes	JOURNAL OF CHEMICAL THEORY AND COMPUTATION Volume: 20 Issue: 1 Pages: 87-102	
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1513.	2023		Moca, C.P., Izumida, W., Dóra, B., (...), Asbóth, J.K., Zaránd, G.	Topologically Protected Correlated End Spin Formation in Carbon Nanotubes	JOURNAL OF MATERIALS CHEMISTRY C DOI: 10.1039/D3TC03029F	
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1516.	2023		Moca P, Dora B	Universal conductance of a PT-symmetric Luttinger liquid after a quantum quench	SCIPOST PHYSICS Volume: 14 Issue: 5 Article Number: 138	
1517.	2023		Moca P, Dora B	Universal conductance of a PT-symmetric Luttinger liquid after a quantum quench	PHYSICAL REVIEW B Volume: 107 Issue: 2 Article Number: L020403	
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1519.	2023		Tichai, A., Knecht, S., Kruppa, A.T., (...), Werner, M.A., Zarand, G.	Combining the in-medium similarity renormalization group with the density matrix renormalization group: Shell structure and information	JOURNAL OF CHEMICAL THEORY AND COMPUTATION Volume: 20 Issue: 1 Pages: 87-102	
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1522.	2023		Dora B, Moca PC	Full counting statistics in the many-body Hatano-Nelson model	REPORTS ON PROGRESS IN PHYSICS Volume: 86 Issue: 12 Article Number: 124501	
1523.	2023		Dora B, Moca PC	Full counting statistics in the many-body Hatano-Nelson model	ANNALEN DER PHYSIK Volume: 535 Issue: 11	
1524.	2023		Dora B, Moca PC	Full counting statistics in the many-body Hatano-Nelson model	FRONTIERS OF PHYSICS Volume: 18 Issue: 5 Article Number: 53605	
1525.	2023		Dora B, Moca PC	Full counting statistics in the many-body Hatano-Nelson model	PHYSICAL REVIEW B Volume: 108 Issue: 3 Article Number: 035104	
1526.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS Volume: 37 Issue: 12 Pages: 6731-6741	
1527.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	FOOD AND CHEMICAL TOXICOLOGY Volume: 182 Article Number: 114177	
1528.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY DOI: 10.1007/s12010-023-04781-7	
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1531.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 30 Issue: 56 Pages: 118830-118854	
1532.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 30 Issue: 54 Pages: 114779-114821	
1533.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward	BIOMASS CONVERSION AND BIOREFINERY DOI: 10.1007/s13399-	

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1534.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	MOLECULES Volume: 28 Issue: 22 Article Number: 7620	
1535.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 24 Issue: 21 Article Number: 15629	
1536.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	HERITAGE SCIENCE Volume: 11 Issue: 1 Article Number: 221	
1537.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	BIOMASS CONVERSION AND BIOREFINERY DOI: 10.1007/s13399-023-04954-8	
1538.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	RESULTS IN ENGINEERING Volume: 20 Article Number: 101479	
1539.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	CHEMOSENSORS Volume: 11 Issue: 10 Article Number: 528	
1540.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	SUSTAINABILITY Volume: 15 Issue: 20 Article Number: 14792	
1541.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	ACS APPLIED BIO MATERIALS Volume: 6 Issue: 10 Pages: 4208-4216	
1542.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	BIOLOGICAL TRACE ELEMENT RESEARCH DOI: 10.1007/s12011-023-03832-8	
1543.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	OPEN CHEMISTRY Volume: 21 Issue: 1 Article Number: 20230113	
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1545.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	PHARMACEUTICS Volume: 15 Issue: 9 Article Number: 2349	

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1549.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	NANOMATERIALS Volume: 13 Issue: 17 Article Number: 2425	
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1551.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	ADVANCES IN NATURAL SCIENCES-NANOSCIENCE AND NANOTECHNOLOGY Volume: 14 Issue: 3 Article Number: 035001	
1552.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	CHEMISTRY AFRICA-A JOURNAL OF THE TUNISIAN CHEMICAL SOCIETY Volume: 7 Issue: 1 Pages: 219-228	
1553.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	INORGANICS Volume: 11 Issue: 8 Article Number: 328	
1554.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	INORGANIC AND NANO-METAL CHEMISTRY DOI: 10.1080/24701556.2023.2240759	
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1556.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	BIOMASS CONVERSION AND BIOREFINERY DOI: 10.1007/s13399-023-04652-5	
1557.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	OPTICAL MATERIALS Volume: 142 Article Number: 114099	

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1559.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	NANOMATERIALS Volume: 13 Issue: 13 Article Number: 2019	
1560.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY Volume: 39 Issue: 7 Article Number: 193	
1561.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	JOURNAL OF MATERIALS SCIENCE Volume: 58 Issue: 26 Pages: 10576-10599	
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1563.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	HELIYON Volume: 9 Issue: 6 Article Number: e17326	
1564.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	ACS APPLIED BIO MATERIALS DOI: 10.1021/acsabm.3c00223	
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1574.	2023		Islam, Fahadul ; Shohag, Sheikh ; (...); Cavalu, Simona	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications	WATER Volume: 15 Issue: 7 Article Number: 1427	
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1604.	2023		Bhattacharya, Tanima ; Soares, Giselle Amanda Borges e ; (...); Cavalu, Simona	Applications of Phyto-Nanotechnology for the Treatment of Neurodegenerative Disorders	PHYSICA SCRIPTA Volume: 98 Issue: 12 Article Number: 125022	
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1651.	2023		Chopra, Hitesh ; Bibi, Shabana ; (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	SUSTAINABILITY Volume: 15 Issue: 15 Article Number: 11858	
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1657.	2023		Chopra, Hitesh ; Bibi, Shabana ; (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	ENVIRONMENTAL POLLUTION Volume: 327 Article Number: 121483	
1658.	2023		Chopra, Hitesh ; Bibi, Shabana ; (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	PHARMACEUTICALS Volume: 16 Issue: 4 Article Number: 581	
1659.	2023		Chopra, Hitesh ; Bibi, Shabana ; (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	CRYSTALS Volume: 13 Issue: 3 Article Number: 472	
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1661.	2023		Chopra, Hitesh ; Bibi, Shabana ; (...); Cavalu, Simona	Green Metallic Nanoparticles: Biosynthesis to Applications	PHARMACEUTICS Volume: 15 Issue: 2 Article Number: 306	

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1667.	2023		Rahman, MM; Islam, F; (...); Cavalu, S	The Gut Microbiota (Microbiome) in Cardiovascular Disease and Its Therapeutic Regulation	POLISH JOURNAL OF MICROBIOLOGY Volume: 72 Issue: 4 Pages: 355-363	
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1853.	2023		Fadeeva, IV; Goldberg, MA; (...); Cavalu S, Rau, JV	Improved cytocompatibility and antibacterial properties of zinc-substituted brushite bone cement based on β -tricalcium phosphate	CERAMICS INTERNATIONAL Volume: 49 Issue: 11 Pages: 19249-19264	
1854.	2023		Fadeeva, IV; Goldberg, MA; (...); Cavalu S, Rau, JV	Improved cytocompatibility and antibacterial properties of zinc-substituted brushite bone cement based on β -tricalcium phosphate	BIOLOGICAL TRACE ELEMENT RESEARCH Volume: 201 Issue: 12 Pages: 5640-5651	
1855.	2023		Fadeeva, IV; Goldberg, MA; (...); Cavalu S, Rau, JV	Improved cytocompatibility and antibacterial properties of zinc-substituted brushite bone cement based on β -tricalcium phosphate	MENDELEEV COMMUNICATIONS Volume: 33 Issue: 1 Pages: 83-85	
1856.	2023		Fadeeva, IV; Goldberg, MA; (...); Cavalu S, Rau, JV	Improved cytocompatibility and antibacterial properties of zinc-substituted brushite bone cement based on β -tricalcium phosphate	MINERALS Volume: 13 Issue: 2 Article Number: 147	
1857.	2023		Fadeeva, IV; Goldberg, MA; (...); Cavalu S, Rau, JV	Improved cytocompatibility and antibacterial properties of zinc-substituted brushite bone cement based on β -tricalcium phosphate	COATINGS Volume: 13 Issue: 1 Article Number: 36	
1858.	2023		Fadeeva, IV; Goldberg, MA; (...); Cavalu S, Rau, JV	Improved cytocompatibility and antibacterial properties of zinc-substituted brushite bone cement based on β -tricalcium phosphate	MOLECULES Volume: 28 Issue: 1 Article Number: 352	

1859.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY Volume: 21 Issue: 2 Pages: 373-385	
1860.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	CHEMIE IN UNSERER ZEIT DOI: 10.1002/ciuz.202300005	
1861.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	BMC BIOTECHNOLOGY Volume: 23 Issue: 1 Article Number: 28	
1862.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	MOLECULES Volume: 28 Issue: 15 Article Number: 5711	
1863.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	FOOD & FUNCTION Volume: 14 Issue: 15 Pages: 7156-7175	
1864.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	COLLOIDS AND SURFACES B-BIOINTERFACES Volume: 225 Article Number: 113270	
1865.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY Volume: 195 Issue: 7 Pages: 4447-4468	
1866.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	INTERNATIONAL JOURNAL OF PHARMACOLOGY Volume: 19 Issue: 4 Pages: 466-484	
1867.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	PHARMACOPHORE Volume: 14 Issue: 1 Pages: 45-55	
1868.	2023		Miere F, Vicas SI, (...) Cavalu S, Dobjanschi L	Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications	APPLIED SCIENCES-BASEL Volume: 13 Issue: 2 Article Number: 1041	

1869.	2023		Cavalu, Simona; Prokisch, Jozsef; Laslo, Vasile; et al.	Preparation, structural characterisation and release study of novel hybrid microspheres entrapping nanoselenium, produced by green synthesis	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY Volume: 39 Issue: 9 Article Number: 230	
1870.	2023		Cavalu, Simona; Prokisch, Jozsef; Laslo, Vasile; et al.	Preparation, structural characterisation and release study of novel hybrid microspheres entrapping nanoselenium, produced by green synthesis	PHARMACEUTICS Volume: 15 Issue: 8 Article Number: 2126	
1871.	2023		Cavalu, Simona; Prokisch, Jozsef; Laslo, Vasile; et al.	Preparation, structural characterisation and release study of novel hybrid microspheres entrapping nanoselenium, produced by green synthesis	JOURNAL OF APPLIED TOXICOLOGY Volume: 44 Issue: 1 Pages: 4-16	
1872.	2023		Cavalu, Simona; Prokisch, Jozsef; Laslo, Vasile; et al.	Preparation, structural characterisation and release study of novel hybrid microspheres entrapping nanoselenium, produced by green synthesis	BIOTECH Volume: 13 Issue: 3 Article Number: 79	
1873.	2023		Antonescu AI, Miere F, (...), Cavalu S	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY Volume: 70 Issue: 6 Pages: 2038-2051	
1874.	2023		Antonescu AI, Miere F, (...), Cavalu S	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	GRANA Volume: 62 Issue: 5-6 Pages: 331-341	
1875.	2023		Antonescu AI, Miere F, (...), Cavalu S	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	JOURNAL OF CHEMISTRY Volume: 2023 Article Number: 3848998	
1876.	2023		Antonescu AI, Miere F, (...), Cavalu S	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	ACS OMEGA Volume: 8 Issue: 12 Pages: 10747-10756	
1877.	2023		Antonescu AI, Miere F, (...), Cavalu S	Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects	PHARMACOPHORE Volume: 14 Issue: 1 Pages: 45-55	
1878.	2023		Cavalu S, Bisboaca S, (...) Vicas S	Novel Formulation Based on Chitosan-Arabic Gum Nanoparticles Entrapping Propolis Extract Production, physico-chemical and structural characterization	APPLIED SCIENCES-BASEL Volume: 13 Issue: 21 Article Number: 11610	

1879.	2023		Cavalu S, Bisboaca S, (...) Vicas S	Novel Formulation Based on Chitosan-Arabic Gum Nanoparticles Entrapping Propolis Extract Production, physico-chemical and structural characterization	BRAZILIAN JOURNAL OF CHEMICAL ENGINEERING DOI: 10.1007/s43153-023-00386-z	
1880.	2023		Cavalu S, Bisboaca S, (...) Vicas S	Novel Formulation Based on Chitosan-Arabic Gum Nanoparticles Entrapping Propolis Extract Production, physico-chemical and structural characterization	LWT-FOOD SCIENCE AND TECHNOLOGY Volume: 181 Article Number: 114738	
1881.	2023		Cavalu S, Bisboaca S, (...) Vicas S	Novel Formulation Based on Chitosan-Arabic Gum Nanoparticles Entrapping Propolis Extract Production, physico-chemical and structural characterization	PHARMACEUTICALS Volume: 16 Issue: 3 Article Number: 450	
1882.	2023		Cavalu S, Bisboaca S, (...) Vicas S	Novel Formulation Based on Chitosan-Arabic Gum Nanoparticles Entrapping Propolis Extract Production, physico-chemical and structural characterization	POLYMERS Volume: 15 Issue: 5 Article Number: 1271	
1883.	2023		Cavalu, S; Antoniac, IV; (...); Mohan, A	Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 30 Issue: 54 Pages: 114779-114821	
1884.	2023		Cavalu, S; Antoniac, IV; (...); Mohan, A	Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating	MATERIALS Volume: 16 Issue: 14 Article Number: 5034	
1885.	2023		Cavalu, S; Antoniac, IV; (...); Mohan, A	Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating	CRYSTALS Volume: 13 Issue: 3 Article Number: 472	
1886.	2023		Cavalu, S; Antoniac, IV; (...); Mohan, A	Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 24 Issue: 5 Article Number: 4312	
1887.	2023		Cavalu, S; Antoniac, IV; (...); Mohan, A	Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating	ANTIBIOTICS-BASEL Volume: 12 Issue: 2 Article Number: 298	
1888.	2023		Cavalu, S; Antoniac, IV; (...); Mohan, A	Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE Volume: 85 Issue: 4 Pages: 317-330	
1889.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation	CNS NEUROSCIENCE & THERAPEUTICS DOI: 10.1111/cns.14525	

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1890.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	BMC BIOINFORMATICS Volume: 24 Issue: 1 Article Number: 375	
1891.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	AGEING RESEARCH REVIEWS Volume: 91 Article Number: 102075	
1892.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	BIOCHEMICAL PHARMACOLOGY Volume: 216 Article Number: 115794	
1893.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	MOLECULAR AND CELLULAR BIOCHEMISTRY DOI: 10.1007/s11010- 023-04816-x	
1894.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	MOLECULAR AND CELLULAR BIOCHEMISTRY DOI: 10.1007/s11010- 023-04793-1	
1895.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 24 Issue: 13 Article Number: 10449	
1896.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	CHINESE MEDICINE Volume: 18 Issue: 1 Article Number: 41	
1897.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	IMMUNITY INFLAMMATION AND DISEASE Volume: 11 Issue: 4 Article Number: e838	
1898.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	IMMUNITY INFLAMMATION AND DISEASE Volume: 11 Issue: 4 Article Number: e786	
1899.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation	INFLAMMOPHARMACOLOGY Volume: 31 Issue: 2 Pages: 673-688	

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1900.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	IMMUNITY INFLAMMATION AND DISEASE Volume: 11 Issue: 3 Article Number: e798	
1901.	2023		Alorabi, Mohammed ; Cavalu, Simona ; (...); Batiha, Gaber El-Saber	Pentoxifylline and berberine mitigate diclofenac-induced acute nephrotoxicity in male rats via modulation of inflammation and oxidative stress	OXIDATIVE MEDICINE AND CELLULAR LONGEVITY Volume: 2023 Article Number: 6144967	
1902.	2023		Cavalu, S; Antoniac, IV; (...); Semenescu, A	Nanoparticles and Nanostructured Surface Fabrication for Innovative Cranial and Maxillofacial Surgery	FRONTIERS IN MATERIALS Volume: 10 Article Number: 1213163	
1903.	2023		Cavalu, S; Antoniac, IV; (...); Semenescu, A	Nanoparticles and Nanostructured Surface Fabrication for Innovative Cranial and Maxillofacial Surgery	MATERIALS Volume: 16 Issue: 14 Article Number: 5034	
1904.	2023		Cavalu, S; Antoniac, IV; (...); Semenescu, A	Nanoparticles and Nanostructured Surface Fabrication for Innovative Cranial and Maxillofacial Surgery	JOURNAL OF MATERIALS RESEARCH Volume: 38 Issue: 14 Pages: 3504-3518	
1905.	2023		Cavalu, S; Antoniac, IV; (...); Semenescu, A	Nanoparticles and Nanostructured Surface Fabrication for Innovative Cranial and Maxillofacial Surgery	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 24 Issue: 5 Article Number: 4312	
1906.	2023		Vicas, SI; Cavalu, S; (...); Moldovan, L	Growth, Photosynthetic Pigments, Phenolic, Glucosinolates Content and Antioxidant Capacity of Broccoli Sprouts in Response to Nanoselenium Particles Supply	JOURNAL OF SOIL SCIENCE AND PLANT NUTRITION DOI: 10.1007/s42729-023-01570-3	
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1908.	2023		Vicas, SI; Cavalu, S; (...); Moldovan, L	Growth, Photosynthetic Pigments, Phenolic, Glucosinolates Content and Antioxidant Capacity of Broccoli Sprouts in Response to Nanoselenium Particles Supply	CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION DOI: 10.1080/10408398.2023.2181311	
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1910.	2023		Cavalu, S; Kamel, E; (...); Vicas, S	Eco-friendly, Facile and Rapid Way for Synthesis of Selenium Nanoparticles	MATERIALS Volume: 16 Issue: 14 Article Number: 5034	

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1911.	2023		Cavalu, S; Kamel, E; (...); Vicas, S	Eco-friendly, Facile and Rapid Way for Synthesis of Selenium Nanoparticles Production, structural and morphological characterisation	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 24 Issue: 5 Article Number: 4312	
1912.	2023		Cavalu, S; Kamel, E; (...); Vicas, S	Eco-friendly, Facile and Rapid Way for Synthesis of Selenium Nanoparticles Production, structural and morphological characterisation	FRONTIERS IN IMMUNOLOGY Volume: 14 Article Number: 1116223	
1913.	2023		Cavalu, S; Kamel, E; (...); Vicas, S	Eco-friendly, Facile and Rapid Way for Synthesis of Selenium Nanoparticles Production, structural and morphological characterisation	PARTICULATE SCIENCE AND TECHNOLOGY Volume: 41 Issue: 7 Pages: 990-1002	
1914.	2023		Cavalu, S; Kamel, E; (...); Vicas, S	Eco-friendly, Facile and Rapid Way for Synthesis of Selenium Nanoparticles Production, structural and morphological characterisation	APPLIED SCIENCES-BASEL Volume: 13 Issue: 2 Article Number: 1041	
1915.	2023		Cavalu, S; Banica, F; (...); Simon, V	Microscopic and spectroscopic investigation of bioactive glasses for antibiotic controlled release	JOURNAL OF FUNCTIONAL BIOMATERIALS Volume: 14 Issue: 7 Article Number: 364	
1916.	2023		Cavalu, S; Banica, F; (...); Simon, V	Microscopic and spectroscopic investigation of bioactive glasses for antibiotic controlled release	JOURNAL OF FUNCTIONAL BIOMATERIALS Volume: 14 Issue: 6 Article Number: 331	
1917.	2023		Cavalu, S; Banica, F; (...); Simon, V	Microscopic and spectroscopic investigation of bioactive glasses for antibiotic controlled release	PLANTS-BASEL Volume: 12 Issue: 11 Article Number: 2128	
1918.	2023		Cavalu, S; Banica, F; (...); Simon, V	Microscopic and spectroscopic investigation of bioactive glasses for antibiotic controlled release	JOURNAL OF MATERIALS CHEMISTRY B Volume: 11 Issue: 5 Pages: 955-973	
1919.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance of Cancer Cells and the Vital Role of P-Glycoprotein	INTERNATIONAL JOURNAL OF PHARMACEUTICS Volume: 650 Article Number: 123718	
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1921.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance of Cancer Cells and the Vital Role of P-Glycoprotein	MOLECULAR CANCER THERAPEUTICS Volume: 22 Issue: 8 Pages: 962-975	

1922.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance of Cancer Cells and the Vital Role of P-Glycoprotein	CANCER AND METASTASIS REVIEWS Volume: 42 Issue: 3 Special Issue: SI Pages: 959-1020	
1923.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance of Cancer Cells and the Vital Role of P-Glycoprotein	JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY Volume: 37 Issue: 9	
1924.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance of Cancer Cells and the Vital Role of P-Glycoprotein	MEMBRANES Volume: 13 Issue: 6 Article Number: 568	
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1927.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance of Cancer Cells and the Vital Role of P-Glycoprotein	PHARMACEUTICS Volume: 15 Issue: 4 Article Number: 1041	
1928.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance of Cancer Cells and the Vital Role of P-Glycoprotein	JOURNAL OF MOLECULAR MODELING Volume: 29 Issue: 4 Article Number: 113	
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1949.	2023		Cavalu, S; Damian, G and Dânsoreanu, M	EPR study of non-covalent spin labeled serum albumin and hemoglobin	JOURNAL OF CLINICAL MEDICINE Volume: 12 Issue: 5 Article Number: 1799	
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2105.	2023		Laslo, V; Pinzaru, SC; (...); Cavalu, S	Synergic effect of selenium nanoparticles and lactic acid bacteria in reduction cadmium toxicity	SUSTAINABILITY Volume: 15 Issue: 1 Article Number: 876	
2106.	2023		Popoviciu, MS; Kaka, N; (...); Cavalu, S	Type 1 Diabetes Mellitus and Autoimmune Diseases: A Critical Review of the Association and the Application of Personalized Medicine	FRONTIERS IN IMMUNOLOGY Volume: 14 Article Number: 1289104	
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2121.	2023		Tewari, AK; Upadhyay, SC; (...); Cavalu, S	Insights on Development Aspects of Polymeric Nanocarriers: The Translation from Bench to Clinic	DRUG DELIVERY Volume: 30 Issue: 1 Pages: 1-8	
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2126.	2023		Tewari, AK; Upadhyay, SC; (...); Cavalu, S	Insights on Development Aspects of Polymeric Nanocarriers: The Translation from Bench to Clinic	PHARMACIA Volume: 70 Issue: 3 Pages: 449-463	
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2128.	2023		Tewari, AK; Upadhyay, SC; (...); Cavalu, S	Insights on Development Aspects of Polymeric Nanocarriers: The Translation from Bench to Clinic	MARINE DRUGS Volume: 21 Issue: 3 Article Number: 147	
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2130.	2023		Tewari, AK; Upadhyay, SC; (...); Cavalu, S	Insights on Development Aspects of Polymeric Nanocarriers: The Translation	PHARMACEUTICS Volume: 15 Issue: 3 Article Number: 775	

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2132.	2023		Soares, GABE; Bhattacharya, T; (...); Cavalu, S	Exploring Pharmacological Mechanisms of Essential Oils on the Central Nervous System	MICROORGANISMS Volume: 11 Issue: 8 Article Number: 1890	
2133.	2023		Soares, GABE; Bhattacharya, T; (...); Cavalu, S	Exploring Pharmacological Mechanisms of Essential Oils on the Central Nervous System	MOLECULES Volume: 28 Issue: 15 Article Number: 5903	
2134.	2023		Soares, GABE; Bhattacharya, T; (...); Cavalu, S	Exploring Pharmacological Mechanisms of Essential Oils on the Central Nervous System	HELIYON Volume: 9 Issue: 7 Article Number: e18380	
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2137.	2023		Soares, GABE; Bhattacharya, T; (...); Cavalu, S	Exploring Pharmacological Mechanisms of Essential Oils on the Central Nervous System	PHARMACY Volume: 11 Issue: 1 Article Number: 33	
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2139.	2023		Onikanni, AS; Lawal, B; (...); Cavalu S, Batiha, GE	Therapeutic efficacy of Clompanus pubescens leaves fractions via downregulation of neuronal cholinesterases/Na ⁺ -K ⁺ ATPase/IL-1 β , and improving the neurocognitive and antioxidants status of streptozotocin-induced diabetic rats	INTERNATIONAL IMMUNOPHARMACOLOGY Volume: 127 Article Number: 111290	
2140.	2023		Onikanni, AS; Lawal, B; (...); Cavalu S, Batiha, GE	Therapeutic efficacy of Clompanus pubescens leaves fractions via downregulation of neuronal cholinesterases/Na ⁺ -K ⁺ ATPase/IL-1 β , and improving the neurocognitive and antioxidants status of streptozotocin-induced diabetic rats	JOURNAL OF FOOD QUALITY Volume: 2023 Article Number: 5236509	

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2142.	2023		Onikanni, AS; Lawal, B; (...); Cavalu S, Batiha, GE	Therapeutic efficacy of <i>Clompanus pubescens</i> leaves fractions via downregulation of neuronal cholinesterases/Na ⁺ -K ⁺ ATPase/IL-1 β , and improving the neurocognitive and antioxidants status of streptozotocin-induced diabetic rats	BIOMED RESEARCH INTERNATIONAL Volume: 2023 Article Number: 6820338	
2143.	2023		Onikanni, AS; Lawal, B; (...); Cavalu S, Batiha, GE	Therapeutic efficacy of <i>Clompanus pubescens</i> leaves fractions via downregulation of neuronal cholinesterases/Na ⁺ -K ⁺ ATPase/IL-1 β , and improving the neurocognitive and antioxidants status of streptozotocin-induced diabetic rats	BIOMEDICINE & PHARMACOTHERAPY Volume: 162 Article Number: 114582	
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2145.	2023		Onikanni, AS; Lawal, B; (...); Cavalu S, Batiha, GE	Therapeutic efficacy of <i>Clompanus pubescens</i> leaves fractions via downregulation of neuronal cholinesterases/Na ⁺ -K ⁺ ATPase/IL-1 β , and improving the neurocognitive and antioxidants status of streptozotocin-induced diabetic rats	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY Volume: 195 Issue: 7 Pages: 4447-4468	
2146.	2023		Onikanni, AS; Lawal, B; (...); Cavalu S, Batiha, GE	Therapeutic efficacy of <i>Clompanus pubescens</i> leaves fractions via downregulation of neuronal cholinesterases/Na ⁺ -K ⁺ ATPase/IL-1 β , and improving the neurocognitive and antioxidants status of streptozotocin-	AMERICAN JOURNAL OF TRANSLATIONAL RESEARCH Volume: 15 Issue: 10 Pages: 5997-6014	

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2147.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	AAPS PHARMSCITECH Volume: 24 Issue: 8 Article Number: 246	
2148.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	FOOD BIOSCIENCE Volume: 56 Article Number: 103372	
2149.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY Volume: 90 Article Number: 105128	
2150.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	ENVIRONMENTAL SCIENCE-WATER RESEARCH & TECHNOLOGY Volume: 10 Issue: 1 Pages: 29-84	
2151.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	JOURNAL OF FUNCTIONAL BIOMATERIALS Volume: 14 Issue: 7 Article Number: 366	
2152.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	JOURNAL OF FUNCTIONAL BIOMATERIALS Volume: 14 Issue: 5 Article Number: 288	
2153.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	JOURNAL OF FUNCTIONAL BIOMATERIALS Volume: 14 Issue: 5 Article Number: 260	
2154.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	PHARMACEUTICS Volume: 15 Issue: 4 Article Number: 1047	
2155.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 24 Issue: 8 Article Number: 7023	
2156.	2023		Kulkarni, D; Musale, S; (...); Cavalu, S	Surface Functionalization of Nanofibers: The Multifaceted Approach for Advanced Biomedical Applications	NANOMATERIALS Volume: 13 Issue: 4 Article Number: 747	
2157.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells	TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE Volume: 260 Issue: 4 Pages: 305-314	
2158.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells	BIOMEDICAL SIGNAL PROCESSING AND CONTROL Volume: 86 Article Number: 105221	
2159.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells	BREAST CANCER RESEARCH AND TREATMENT Volume: 200 Issue: 3 Pages: 305-321	

2160.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY Volume: 85 Article Number: 104615	
2161.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells	BIOMEDICINES Volume: 11 Issue: 2 Article Number: 418	
2162.	2023		Karthika, C; Sureshkumar, R; (...); Cavalu, S	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells	APPLIED SCIENCES-BASEL Volume: 13 Issue: 4 Article Number: 2667	
2163.	2023		Cavalu, S; Roiu, G; (...); Costea, CF	Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment: Histological, AFM and FTIR Spectroscopy Evidence	COATINGS Volume: 13 Issue: 6 Article Number: 1105	
2164.	2023		Cavalu, S; Roiu, G; (...); Costea, CF	Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment: Histological, AFM and FTIR Spectroscopy Evidence	MATERIALS Volume: 16 Issue: 10 Article Number: 3765	
2165.	2023		Cavalu, S; Roiu, G; (...); Costea, CF	Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment: Histological, AFM and FTIR Spectroscopy Evidence	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY Volume: 84 Article Number: 104504	
2166.	2023		Cavalu, S; Roiu, G; (...); Costea, CF	Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment: Histological, AFM and FTIR Spectroscopy Evidence	ARTIFICIAL ORGANS Volume: 47 Issue: 8 Pages: 1267-1284	
2167.	2023		Cavalu, S; Roiu, G; (...); Costea, CF	Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment: Histological, AFM and FTIR Spectroscopy Evidence	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES Volume: 235 Article Number: 123766	
2168.	2023		Cavalu, S; Roiu, G; (...); Costea, CF	Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment: Histological, AFM and FTIR Spectroscopy Evidence	RSC ADVANCES Volume: 13 Issue: 6 Pages: 3635-3642	
2169.	2023		Youssef, ME; Yahya, G; (...); Cavalu S, Saber, S	Unlocking the Full Potential of SGLT2 Inhibitors: Expanding Applications beyond Glycemic Control	FRONTIERS IN ENDOCRINOLOGY Volume: 14 Article Number: 1267699	
2170.	2023		Youssef, ME; Yahya, G; (...); Cavalu S, Saber, S	Unlocking the Full Potential of SGLT2 Inhibitors: Expanding Applications beyond Glycemic Control	JOURNAL OF CLINICAL MEDICINE Volume: 12 Issue: 23 Article Number: 7260	
2171.	2023		Youssef, ME; Yahya, G; (...); Cavalu S, Saber, S	Unlocking the Full Potential of SGLT2 Inhibitors: Expanding Applications beyond	JOURNAL OF CLINICAL MEDICINE Volume: 12 Issue: 20 Article Number: 6561	

				Glycemic Control		
2172.	2023		Youssef, ME; Yahya, G; (...); Cavalu S, Saber, S	Unlocking the Full Potential of SGLT2 Inhibitors: Expanding Applications beyond Glycemic Control	FRONTIERS IN ENDOCRINOLOGY Volume: 14 Article Number: 1263365	
2173.	2023		Youssef, ME; Yahya, G; (...); Cavalu S, Saber, S	Unlocking the Full Potential of SGLT2 Inhibitors: Expanding Applications beyond Glycemic Control	JOURNAL OF DIABETES AND ITS COMPLICATIONS Volume: 37 Issue: 10 Article Number: 108586	
2174.	2023		Youssef, ME; Yahya, G; (...); Cavalu S, Saber, S	Unlocking the Full Potential of SGLT2 Inhibitors: Expanding Applications beyond Glycemic Control	CELLS Volume: 12 Issue: 18 Article Number: 2221	
2175.	2023		Youssef, ME; Yahya, G; (...); Cavalu S, Saber, S	Unlocking the Full Potential of SGLT2 Inhibitors: Expanding Applications beyond Glycemic Control	DIABETES METABOLIC SYNDROME AND OBESITY Volume: 16 Pages: 2345-2354	
2176.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	MEDYCYN VETERINARY JOURNAL- VETERINARY MEDICINE-SCIENCE AND PRACTICE Volume: 79 Issue: 11 Pages: 573-581	
2177.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	PATHOLOGY RESEARCH AND PRACTICE Volume: 251 Article Number: 154857	
2178.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	FRONTIERS IN PHARMACOLOGY Volume: 14 Article Number: 1239025	
2179.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	PATHOLOGY RESEARCH AND PRACTICE Volume: 250 Article Number: 154833	
2180.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY Volume: 87 Article Number: 104831	
2181.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	PHARMACEUTICALS Volume: 16 Issue: 7 Article Number: 953	
2182.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the	METHODS Volume: 10 Article Number: 102158	

				rectal therapy of ulcerative colitis		
2183.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 24 Issue: 7 Article Number: 6039	
2184.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	BIOMEDICINE & PHARMACOTHERAPY Volume: 161 Article Number: 114553	
2185.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	WORLD JOURNAL OF GASTROENTEROLOGY Volume: 29 Issue: 6 Pages: 1026-1053	
2186.	2023		Nasr, M; Cavalu, S; (...); Mohammed, OA	Canagliflozin-loaded chitosan-hyaluronic acid microspheres modulate AMPK/NF- κ B/NLRP3 axis: A new paradigm in the rectal therapy of ulcerative colitis	BIOMEDICINE & PHARMACOTHERAPY Volume: 159 Article Number: 114228	
2187.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to apoptosis: A new treatment option for treating ulcerative colitis	PATHOLOGY RESEARCH AND PRACTICE Volume: 253 Article Number: 155044	
2188.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to apoptosis: A new treatment option for treating ulcerative colitis	ACS OMEGA Volume: 8 Issue: 46 Pages: 44250-44264	
2189.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to apoptosis: A new treatment option for treating ulcerative colitis	FRONTIERS IN PHARMACOLOGY Volume: 14 Article Number: 1239025	
2190.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to apoptosis: A new treatment option for treating ulcerative colitis	PATHOLOGY RESEARCH AND PRACTICE Volume: 250 Article Number: 154833	
2191.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 24 Issue: 18 Article Number: 13852	

				apoptosis: A new treatment option for treating ulcerative colitis		
2192.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to apoptosis: A new treatment option for treating ulcerative colitis	PHARMACEUTICALS Volume: 16 Issue: 8 Article Number: 1080	
2193.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to apoptosis: A new treatment option for treating ulcerative colitis	CHILDREN-BASEL Volume: 10 Issue: 7 Article Number: 1210	
2194.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to apoptosis: A new treatment option for treating ulcerative colitis	PHARMACEUTICALS Volume: 16 Issue: 7 Article Number: 953	
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2196.	2023		Cavalu, S; Sharaf, H; (...); Mohammed, OA	Ambroxol, a mucolytic agent, boosts HO-1, suppresses NF- κ B, and decreases the susceptibility of the inflamed rat colon to apoptosis: A new treatment option for treating ulcerative colitis	ACTA OTO-LARYNGOLOGICA Volume: 143 Issue: 2 Pages: 170-175	
2197.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	JOURNAL OF CANCER PREVENTION Volume: 28 Issue: 4 Pages: 160-174	
2198.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	FOOD RESEARCH INTERNATIONAL Volume: 175 Article Number: 113770	
2199.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer	HELIYON Volume: 9 Issue: 12 Article Number: e22892	

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2200.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	BIOMEDICINE & PHARMACOTHERAPY Volume: 166 Article Number: 115283	
2201.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	NUTRIENTS Volume: 15 Issue: 14 Article Number: 3136	
2202.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	AAPS PHARMSCITECH Volume: 24 Issue: 6 Article Number: 147	
2203.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	PHARMACEUTICS Volume: 15 Issue: 6 Article Number: 1656	
2204.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	JOURNAL OF LIPOSOME RESEARCH Volume: 34 Issue: 1 Pages: 44-59	
2205.	2023		Munot, N; Kandekar, U; (...); Cavalu, S	A Comparative Study of Quercetin-Loaded Nanocochleates and Liposomes: Formulation, Characterization, Assessment of Degradation and In Vitro Anticancer Potential	ARABIAN JOURNAL OF CHEMISTRY Volume: 16 Issue: 8 Article Number: 104881	
2206.	2023		Shaaban, AA; Abdelhamid, AM; (...); Cavalu S, Saber, S	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management paradigm for ulcerative colitis	FRONTIERS IN PHARMACOLOGY Volume: 14 Article Number: 1322181	
2207.	2023		Shaaban, AA; Abdelhamid, AM; (...); Cavalu S, Saber, S	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management	PATHOLOGY RESEARCH AND PRACTICE Volume: 251 Article Number: 154857	

				paradigm for ulcerative colitis		
2208.	2023		Shaaban, AA; Abdelhamid, AM; (...); Cavalu S, Saber, S	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management paradigm for ulcerative colitis	FRONTIERS IN PHARMACOLOGY Volume: 14 Article Number: 1239025	
2209.	2023		Shaaban, AA; Abdelhamid, AM; (...); Cavalu S, Saber, S	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management paradigm for ulcerative colitis	PATHOLOGY RESEARCH AND PRACTICE Volume: 250 Article Number: 154833	
2210.	2023		Shaaban, AA; Abdelhamid, AM; (...); Cavalu S, Saber, S	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management paradigm for ulcerative colitis	PHARMACEUTICALS Volume: 16 Issue: 8 Article Number: 1123	
2211.	2023		Shaaban, AA; Abdelhamid, AM; (...); Cavalu S, Saber, S	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management paradigm for ulcerative colitis	PHARMACEUTICALS Volume: 16 Issue: 8 Article Number: 1080	
2212.	2023		Shaaban, AA; Abdelhamid, AM; (...); Cavalu S, Saber, S	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management paradigm for ulcerative colitis	METHODSX Volume: 10 Article Number: 102158	
2213.	2023		Shaaban, AA; Abdelhamid, AM; (...); Cavalu S, Saber, S	Combining the HSP90 inhibitor TAS-116 with metformin effectively degrades the NLRP3 and attenuates inflammasome activation in rats: A new management paradigm for ulcerative colitis	ACTA MEDICA MEDITERRANEA Volume: 39 Issue: 3 Pages: 643-648	
2214.	2023		Cicort-Lucaciu, AS	Scarabaeoidea (Coleoptera) Fauna of the Republic of Mordovia (Russia)	DIVERSITY 15(6): 745	1424-2818
2215.	2023		Ianc, R; Cicort-Lucaciu, AS; Ilies, D; Kovacs, EH	Environmental constraints affect underground reproduction of the common toad (<i>Bufo bufo</i>).	AMPHIBIA REPTILIA 44(3): 363-374	1568-5381
2216.	2023		Cicort-Lucaciu, AS; Cupsa, D; Ilies, D; Ilies, A; Baias, S; Sas, I	Monitoring Forest Cover Dynamics Using Orthophotos and Satellite Imagery.	REMOTE SENSING 15(12): 3168	2072-4292

2217.	2023		Pop, DR; Dordea, DN; Cicort-Lucaciu, AS; Covaciu-Marcov, SD; Ferenti, S	Urbanization decreases species richness, and increases abundance in dry climates whereas decreases in wet climates: A global meta-analysis.	SCIENCE OF THE TOTAL ENVIRONMENT 859: e160145	0048-9697
2218.	2023		Telcean, IC; Cupsa, D; Sas-Kovacs, I; Cicort-Lucaciu, AS; Covaciu-Marcov, SD	Current status and length–weight relation of the European mudminnow, <i>Umbra krameri</i> (Actinopterygii: Esociformes: Umbridae), from Jieț River, Dolj County, southwestern Romania.	ACTA ICHTHYOLOGICA ET PISCATORIA 53(1): 19-26	1734-1515
2219.	2023		Telcean, IC; Cupsa, D; Sas-Kovacs, I; Cicort-Lucaciu, AS; Covaciu-Marcov, SD	Distribution and diversity of fishes and lampreys in Transylvania (Romania): a complete survey and suggestions for new protected areas.	ZOOKEYS 1166: 351-373.	1313-2970
2220.	2023		Bogdan, HV; Covaciu-Marcov, SD; Cupsa, D; Cicort-Lucaciu, AS; Sas, I	Functional and temporal facets of predation by marsh frogs across the aquatic–terrestrial ecotone of ponds and implications in the context of biological invasions.	FRESHWATER BIOLOGY 68(12): 2184-2196.	0046-5070
2221.	2023		Covaciu-Marcov, S.-D., Telcean, I.C., Ferenti, S.	Distribution and diversity of fishes and lampreys in Transylvania (Romania): a complete survey and suggestions for new protected areas.	Zookeys 1166: 351-373.	1313-2970
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2223.	2023		Ferenti, S., Covaciu-Marcov, S.-D	Are breeding phenology and nest site selection in the Little Bittern <i>Ixobrychus minutus</i> (Linnaeus, 1766) (Pelecaniformes: Ardeidae) conditioned by the habitat structure of the wetland? Answers from a diverse wetland complex in Transylvania, Romania.	Acta Zoologica Bulgarica 75(2): 235-242.	2603-3798

2224.	2023		Covaciu-Marcov, S.-D., Puskas, A., Pop, A.N., Tart, A., Ferenti, S.	Road or railway: wich is more deadly for the fauna? A puzzling answer from western Romania.	North-Western Journal of Zoology 19(1): 62-70.	1584- 9074
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2226.	2023		Covaciu-Marcov, S.-D., Puskas, A., Pop, A.N., Tart, A., Ferenti, S.	Spatiotemporal patterns and road mortality hotspots of herpetofauna on a Mediterranean Island.	Diversity-Basel 15(4): 478	1424- 2818
2227.	2023		Covaciu-Marcov, S.-D., Cupsa, D., Telcean, IC, Sas-Kovacs, I., Ferenti, S.	Current status and length-weight relation of the european mudminnow, <i>Umbra krameri</i> (Actinopterygii: Esociformes: Umbridae) from Jiet River, Dolj County, southwestern Romania.	Acta Ichthyologica et Piscatoria 53: 19-26.	1734- 1515
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2229.	2023		Teodor, LA., Ferenti, S., Covaciu-Marcov, SD.,	Protected areas and the future of insect conservation.	Trends in Ecology & Evolution 38(1): 85- 95.	0169- 5347 (1872 8383)
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2231.	2023		Ile, G.A., Maier, A.R.M., Cadaru, A.M., Covaciu- Marcov, S.D., Ferenti, S.	Road or railway: wich is more deadly for the fauna? A puzzling answer from western Romania.	North-Western Journal of Zoology 19(1): 62-70.	1584- 9074
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2233.	2023		Covaciu-Marcov, S.-D., Lucaci, B.I., Maier, A.-R.- M., Cadar, A.-M., Ile, G.- A., Dumbravă, A.-R., Ferenți, S.	Road or railway: wich is more deadly for the fauna? A puzzling answer from western Romania.	North-Western Journal of Zoology 19(1): 62-70.	1584- 9074
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2235.	2023		Kovacs, E.-H., Sas, I., Covaciu-Marcov, S.-D., Hartel, T., Cupsa, D., Groza, M.	Trade-off between ecomorphology and autoecology enable the coexistence of tree frogs (Hylidae, Boana ssp.) during the dry season in an Atlantic forest area of northeastern Brazil.	South American Journal of Herpetology 28: 1-15.	Print 1808- 9798
2236.	2023		Zielinski, P., Nadachowska-Brzyska, K., Wielstra, B., Szkotak, R., Covaciu-Marcov, S.- D., Cogalniceanu, D., Babik, W.	Different patterns of introgression in a three species hybrid zone among european cave salamanders.	Ecology and Evolution 13(8): e10437	Print ISSN: 2045- 7758
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2238.	2023		Covaciu-Marcov, S.-D., Ghira, I., Ardeleanu, A., Cogalniceanu, D.	Late Pleistocene to Holocene Paleohydrological History of the therma-spring-feed Lake Peța (NW Romania) reveled by radiocarbon dating and complex sedimentological investigations.	Quaternary 6(2): 37	2571- 550X
2239.	2023		Covaciu-Marcov, S.D., Ghira, I., Cicort-Lucaciu, A.S., Sas, I., Strugariu, A., Bogdan, H.V.	Genotyping the phenotypic diversity in Aegean <i>Natrix natrix</i> moreotica (Bedriaga, 1882) (Reptilia, Serpentes, Natricidae).	ZooKeys 1169: 87-94.	1313- 2970

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2241.	2023		Covaciu-Marcov, S.D., Sas, I., Cicort-Lucaciu, A.S., Bogdan, H.V., Kovacs, E.H., Maghiar, C.	Are breeding phenology and nest site selection in the Little Bittern <i>Ixobrychus minutus</i> (Linnaeus, 1766) (Pelecaniformes: Ardeidae) conditioned by the habitat structure of the wetland? Answers from a diverse wetland complex in Transylvania, Romania.	Acta Zoologica Bulgarica 75(2): 235-242.	2603- 3798
2242.	2023		Covaciu-Marcov, S.D., Cicort-Lucaciu, A.S., Ferenczi, I., Kovács, É.H., Ferenti, S., Sas, I.	Defining evolutionary conservation units in the Macedonian crested newt, <i>Triturus macedonicus</i> (Amphibia, Salamandridae) in a biodiversity hotspot.	Diversity 15: 671.	1424- 2818
2243.	2023		Maier, A.R.M., Cadar, A.M., Covaciu-Marcov S.D.	Natural diet of european green lizards, <i>Lacerta viridis</i> (Squamata: Lacertidae) a comparison of macroscopic and molecular identification methods.	Herpetologica 79(3): 135-143.	1938- 5099
2244.	2023		Cupşa, D., Telcean, I.C., Cicort-Lucaciu, A.Ş., Sas- Kovacs, I., Ferenti, S., Covaciu-Marcov, S.D.	Are breeding phenology and nest site selection in the Little Bittern <i>Ixobrychus minutus</i> (Linnaeus, 1766) (Pelecaniformes: Ardeidae) conditioned by the habitat structure of the wetland? Answers from a diverse wetland complex in Transylvania, Romania.	Acta Zoologica Bulgarica 75(2): 235-242.	2603- 3798
2245.	2023		Strugariu A., Gherghel I., Ghira I., Covaciu-Marcov S.D., Mebert K.	Nothing else eaten! The fish diet of <i>Natrix tessellata</i> in the Danube Gorge, Romania.	Herpetological Conservation and Biology 18(1): 30-37.	1931- 7603, 2151- 0733
2246.	2023		Groza, M. I., Cupsa, D., Lovrencic, L., Maguire, I.,	Headwater refuges: Flow protects <i>Austropotamobius</i> crayfish from <i>Faxonius limosus</i> invasion,	Neobiota, 89: 71-94.	1314- 2488

2247.	2023		Telcean I., Cupșa D.	Which factors influence spatio–temporal changes in the distribution of invasive and native species of genus <i>Carassius</i> ?..	Aquatic Invasions, 18(2), 219-230	1818-5487 (online) 1798-6540 (print)
2248.	2023		Telcean I., Cupșa D.	Identification and environmental background of <i>Chara</i> remains in the Holocene sequence of Lake Pețea (Nw Romania) and the possibilities of using the results in archaeobotany.	Archeometria Műhely XX (2): 119-125.	1786-271X
2249.	2023		Telcean I., Cupșa D.	Late Pleistocene to Holocene Palaeohydrological History of the Thermal-Spring-Fed Lake Pețea (NW Romania) Revealed by Radiocarbon Dating and Complex Sedimentological Investigations.	Quaternary, 6(2), 37.	2571-550X
2250.	2023		Samuel, A.D.; Domuța, C.; Ciobanu, G.; Șandor, M.; Ciobanu, C.; Brejea, R.;	The Impact of Municipal Waste on Seasonal and Spatial Changes in Selected Macro- and Micro-Nutrient Contents on the Background of Soil Biological Activity—A Case Study	MINERALS, 13(1):47	2075-163X
2251.	2023		Samuel, A.D.; Brejea, R.; Domuța, C.; Bungau, S.; Cenușă, N.; Tit, D.;	Antimicrobial and Apoptotic Efficacy of Plant-Mediated Silver Nanoparticles	MOLECULES, 28(14): 5519	1420-3049
2252.	2023		Samuel, A.D.; Tit, D.M.; Melinte, C.E.; Iovan, C.; Purza, L.; Gitea, M.; Bungau, S.;	Dynamic Monitoring of Nutrition Inputs and Fertility Evaluation during a Decade in the Main Peach-Producing Areas of Shandong Province, China	PLANTS, 12(8): 1725	2223-7747
2253.	2023		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Effects of Wind–Water Erosion and Topographic Factor on Soil Properties in the Loess Hilly Region of China	PLANTS, 12(15): 2779	2223-7747
2254.	2023		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Short-Term Co-Application of Organic and Chemical Fertilizer Benefits Topsoil Properties and Maize	AGRONOMY, 13(3): 944	2073-4395

				Productivity in a Medium-Productivity Meadow-Cinnamon Soil		
2255.	2023		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Application of Synthetic Consortia for Improvement of Soil Fertility, Pollution Remediation, and Agricultural Productivity: A Review	AGRONOMY, 13(3): 643	2073-4395
2256.	2023		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Effects of Long-Term Application of Earthworm Bio-Organic Fertilization Technology on Soil Quality and Organo-Mineral Complex in Tea Garden	FORESTS, 14(2): 225	1999-4907
2257.	2023		Samuel, A.D.; Bungau, S.; Tit, D.M.; Melinte, E.C.; Purza, L.; Badea, G.E.;	Effects of tea oil camellia (<i>Camellia oleifera</i> Abel.) shell-based organic fertilizers on the physicochemical property and microbial community structure of the rhizosphere soil	FRONTIERS IN MICROBIOLOGY	1664-302X
2258.	2023		Samuel, A.D.; Bungau, S.; Fodor, I.K.; Tit, D.M.; Blidar C.F.; David A.T.; Melinte, E.C.;	Responses of Pea (<i>Pisum sativum</i> L.) to Single and Consortium Bio-Fertilizers in Clay and Newly Reclaimed Soils	PLANTS, 12(23):3931	2223-7747
2259.	2023		Samuel, A.D.; Bungau, S.; Fodor, I.K.; Tit, D.M.; Blidar C.F.; David A.T.; Melinte, E.C.;	Efficiency of Using Superabsorbent Polymers in Reducing Mineral Fertilizer Rates Applied in Autumn Royal Vineyards	HORTICULTURAE, 9(4): 451	2311-7524
2260.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Responses of Pea (<i>Pisum sativum</i> L.) to Single and Consortium Bio-Fertilizers in Clay and Newly Reclaimed Soils	PLANTS, 12(23):3931	2223-7747
2261.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Recent Trends in Cereal- and Legume-Based Protein-Mineral Complexes: Formulation Methods, Toxicity, and Food Applications	FOODS, 12(21): 3898	2304-8158
2262.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza,	Unlocking secrets of microbial ecotoxicology: recent achievements and future challenges	FEMS MICROBIOLOGY ECOLOGY, 99(10),fiad102	1574-6941

			A.L.; Abid, A.; Samuel, A.D			
2263.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	L-Tryptophan-Dependent Auxin-Producing Plant-Growth-Promoting Bacteria Improve Seed Yield and Quality of Carrot by Altering the Umbel Order	HORTICULTURAE, 9(9): 954	2311-7524
2264.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A	Response of Rice Grain Yield and Soil Fertility to Fertilization Management under Three Rice-Based Cropping Systems in Reclaimed Soil	AGRONOMY, 13(7):1840	2073-4395
2265.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.	Growth and Physiological Characteristics of Sour Jujube Seedlings in Different Substrate Formulations	AGRONOMY, 13(7):1797	2073-4395
2266.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.	Effects of Wind–Water Erosion and Topographic Factor on Soil Properties in the Loess Hilly Region of China	PLANTS, 12(13): 2568	2223-7747
2267.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Promising Strains of Hydrocarbon-Oxidizing Pseudomonads with Herbicide Resistance and Plant Growth-Stimulating Properties for Bioremediation of Oil-Contaminated Agricultural Soils	AGRICULTURE (Switzerland), 13(6): 1111	2077-0472
2268.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.	Efficiency of Using Superabsorbent Polymers in Reducing Mineral Fertilizer Rates Applied in Autumn Royal Vineyards	HORTICULTURAE, 9(4): 451	2311-7524
2269.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.D	Effects of Long-Term Application of Earthworm Bio-Organic Fertilization Technology on Soil Quality and Organo-Mineral Complex in Tea Garden	FORESTS, 14(2): 225	2311-7524
2270.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza,	Evaluating heavy metal pollution risks and enzyme activity in soils with intensive hazelnut cultivation under	ENVIRONMENTAL MONITORING AND ASSESSMENT, 195(2): 331	0167-6369

			A.L.; Abid, A.; Samuel, A.	humid ecological conditions		
2271.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.	Aluminum in plant: Benefits, toxicity and tolerance mechanisms	FRONTIERS IN PLANT SCIENCE, 13:1085998	1664-462X
2272.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.	Frankia-actinorhizal symbiosis: a non-chemical biological assemblage for enhanced plant growth, nodulation and reclamation of degraded soils	SYMBIOSIS (article in press)	0334-5114
2273.	2023		Bungau, S.; Behl, T.; Aleya L.; Bourgeade P.; Aloui-Sosse, B.; Purza, A.L.; Abid, A.; Samuel, A.	Exploring drought tolerance in melon germplasm through physiochemical and photosynthetic traits	Plant Growth Regulation, 2023, № 3, p. 603-618	1435-8107
2274.	2023		Oprea, O.B.; Apostol, L.; Bungau, S.; Cioca, G.; Samuel, A.D.; Badea, M.; Gaceu, L.	Antimicrobial and Apoptotic Efficacy of Plant-Mediated Silver Nanoparticles	MOLECULES, 28(14): 5519	1420-3049
2275.	2023		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.	Integrated soil-fruit-climate management system to improve apple production stability	SCIENCE OF THE TOTAL ENVIRONMENT, 905: 167840	0048-9697
2276.	2023		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.	Effects of regulated deficit irrigation and foliar kaolin application on quality parameters of almond [<i>Prunus dulcis</i> (Mill.) D.A. Webb]	SCIENCE OF FOOD AND AGRICULTURE, 103(14): 7227-7240	Print 0022-5142
2277.	2023		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.	Adapting Almond Production to Climate Change through Deficit Irrigation and Foliar Kaolin Application in a Mediterranean Climate	ATMOSPHERE, 14(10): 1593	2073-4433
2278.	2023		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.	1-Methylcyclopropene Estimating the Physicochemical and Antioxidant Properties of Hardy Kiwi (<i>Actinidia arguta</i>) Treated with 1-Methylcyclopropene during Storage	AGRICULTURE (Switzerland), 13(9): 1665	2077-0472

2279.	2023		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.;	Reviewing the Adverse Climate Change Impacts and Adaptation Measures on Almond Trees (<i>Prunus dulcis</i>)	AGRICULTURE (Switzerland), 13(7): 1423	2077-0472
2280.	2023		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.;	Dynamic Monitoring of Nutrition Inputs and Fertility Evaluation during a Decade in the Main Peach-Producing Areas of Shandong Province, China	PLANTS, 12(8): 1725	2223-7747
2281.	2023		Gitea, M.A.; Gitea, D.; Tit, D.M.; Purza, L.; Samuel, A.D.; Bungau, S.; Badea, G.E.; Lotfi, A.;	Exploring drought tolerance in melon germplasm through physiochemical and photosynthetic traits	Plant Growth Regulation, 2023, № 3, p. 603-618	1435-8107
2282.	2023		Dinca, L.; Onet, A.; Samuel, A.D.; (...) Caracciolo, A.B; Grenni, P.;	Preliminary Study on the Diversity of Soil Oribatid Mite (Acari: Oribatida) Community Reveals Both Longitudinal and Latitudinal Patterns in Paddy Fields along the Middle and Lower Reaches of Yangtze River, China	AGRONOMY, 13(11):2718	2073-4395
2283.	2023		Dinca, L.; Onet, A.; Samuel, A.D.; (...) Caracciolo, A.B; Grenni, P.;	Microbial carbon use efficiency in different ecosystems: A meta-analysis based on a biogeochemical equilibrium model	GLOBAL CHANGE BIOLOGY, 29(17):4758-4774.	Print 1354-1013
2284.	2023		R. Triebkorn, I. Telcean, H. Casper, A. Farkas, C. Sandu, Gh. Stan, O. Colarescu, T. Dori, H-R. Kohler	Pollution of Fishing Waters of the Western Balkan: Potentially Toxic Elements and Their Impact on the Ecological Sustainability of Fish Resources.	Fish & Fisheries Series, vol 43. Springer, Cham.	Online 1467-2979
2285.	2023		R. Triebkorn, I. Telcean, H. Casper, A. Farkas, C. Sandu, Gh. Stan, O. Colarescu, T. Dori, H-R. Kohler	Bioaccumulation of Metals in Some Fish Species from the Romanian Danube River: A Review.	Fishes. 2023; 8(8):387.	2410-3888
2286.	2023		R. Triebkorn, I. Telcean, H. Casper, A. Farkas, C. Sandu, Gh. Stan, O. Colarescu, T. Dori, H-R. Kohler	Acute toxicity of palm oil mill effluent on zebrafish (<i>Danio rerio</i> Hamilton-Buchanan, 1822): Growth performance, behavioral responses and histopathological lesions,	Chemosphere,	0045-6535

2287.	2023		R. Triebkorn, I. Telcean, H. Casper, A. Farkas, C. Sandu, Gh. Stan, O. Colarescu, T. Dori, H-R. Kohler	Template free synthesis of mesoporous carbon from fire cracker waste and designing of ZnO-Mesoporous carbon photocatalyst for dye (MO) degradation.	Inorganic Chemistry Communications, 147, 110242.	1387-7003
2288.	2023		R. Triebkorn, I. Telcean, H. Casper, A. Farkas, C. Sandu, Gh. Stan, O. Colarescu, T. Dori, H-R. Kohler	Integrated physiological, biochemical, and transcriptomic analysis of thallium toxicity in zebrafish (Danio rerio) larvae.	Science of The Total Environment, 859, 160265	0048-9697
2289.	2023		R. Triebkorn, I. Telcean, H. Casper, A. Farkas, C. Sandu, Gh. Stan, O. Colarescu, T. Dori, H-R. Kohler	Study on histo-biochemical biomarkers of chromium induced toxicity in Labeo rohita.	Emerging Contaminants, 100204	2831-2597
2290.	2023		Tomulescu, Ioana Mihaela; Radoviciu, Edith Mihaela; Merca, Vasilica Viorica; Tuduce, Adela Dana	Stress-mitigating behavior of glycine betaine to enhance growth performance by suppressing the oxidative stress in Pb-stressed barley genotypes.	<i>Environmental Science and Pollution Research</i>	0944-1344
2291.	2023		Tomulescu, Ioana Mihaela, Radoviciu, Edith Mihaela, Merca Vasilica	Nanoparticles Stabilized with Methionine on Germination of Barley Seeds (<i>Hordeum vulgare</i> L.).	<i>Nanomaterials</i> . 2023; 13(9):1577	2079-4991
2292.	2023		Roseanu, G., Marian, M., Tomulescu, Ioana Mihaela, Pusta, C.T	The Relationship Between Time Perspective and Dispositional Mindfulness with Respect to Well-Being: A Systematic Review of Cross-Sectional Studies.	Mindfulness 14, 2553–2582	1868-8535

Total punctaj număr de citări în reviste de specialitate cotate ISI (Punctaj = nr. citări în reviste ISI (fără autocitări) x 30):

2292 x 30 = 68.760

ANEXA 4.2. Brevete de invenție

Nr.crt	An	Autor(i)	Titlul brevetului	Nr. brevet
1.	2019	Gavriș Georgeta, Cărăban Alina	Metodă de epurare recuperativă a ionului de cadmiu din soluții reziduale	OSIM NR.130507-30.07.2019

Total punctaj brevete: $x 30 = 1 x 30 = 30$

ANEXA 4.3.1 Număr de produse, tehnologii, studii, servicii:

Nr. crt.	Data acordării		Tip (produs, tehnologie, studiu, serviciu)	Denumire	Instituția utilizatoare	Numarul contractului
	An	Luna				
1.	2019		Metodologie	Metodă de epurare recuperativă a ionului de cadmiu din soluții reziduale	Universitatea din Oradea	OSIM NR.130507-30.07.2019

Total punctaj produse/tehnologii: $x 20 = 1 x 20 = 20$

5. CRITERII SECUNDARE DE PERFORMANȚĂ

5.1. LUCRĂRI PUBLICATE ÎN REVISTE DE SPECIALITATE FĂRĂ COTAȚIE ISI (Punctaj = nr. lucrări x 5):

Punctaj: 325 puncte

5.2. LUCRĂRI ȘTIINȚIFICE PREZENTATE LA CONFERINȚE INTERNAȚIONALE CU COMITET DE PROGRAM (Punctaj = nr. prezentări x 5):

Punctaj: 105 puncte

5.3. MODELE, PROTOTIPURI NORMATIVE, PROCEDURI (Punctaj = nr. proceduri x 5): **0 x 5**

Punctaj: 0

Total punctaj cap. 5: 430 puncte

Punctaj cap. 5 (criterii secundare de performanță) / membru centru:

$$430 / 30 = 14,3 \text{ puncte}$$

ANEXA 5.1 Lucrări publicate în reviste de specialitate fără cotație ISI:

Tabel 5.1.1. Lucrări publicate în ultimii 5 ani în reviste cotate BDI

Nr. crt.	Data publicării (An)	Autor(i)	Titlul lucrării	Revista	ISSN	Tipul revistei
1.	2019	Ganea Mariana, Ghitea Timea Claudia, Moisa Corina, Bota Sanda	Thin-Layer Chromatographic Method for Identifying Vitamin C in Fruits and Drugs	Annals of the University of Oradea, Fascicle of Environmental Protection	1224-6255	BDI
2.	2019	Alexandrina Fodor, Anda Ioana Grațîela Petrehele, Claudia Morgovan, Teodora Soca	Iron (II) Spectrofotometric Determination in Spinach (<i>Spinacia Oleracea</i>) Fresh Leaves and Spirulina (<i>Arthrospira Platensis</i>) Powder	Analele Universității din Oradea-Fascicula Chimie	1224-7626	BDI
3.	2019	Covaciu-Marcov, S.-D., Ferenti, S.	An endemic species in a protected area: Euscorpius carpathicus (L., 1767) in the Cozia National Park, Romania (Scorpiones, Euscorpiidae).	Euscorpius 279: 1-6	1536-9307	Zoological Records
4.	2019	Pop, D.-R., Lucaciu, B.I., Covaciu-Marcov, S.D.	Notes on the prezenze of Bombina variegata (Amphibia) in southern Romanian Moldavia	Herpetology Notes	2071-5773	Scopus
5.	2019	Pal, A.M., Cicort-Lucaciu A.S., Covaciu-Marcov, S.D., Ferenti, S.	Terrestrial isopods from Carei town (north-western Romania): Differences from the region native fauna	South-Western Journal of Horticulture, Biology and Environment	Print: 2067-9874 E: 2068-7958	Scopus
6.	2019	Telcean I.C. Cupșa D.,	Captive fishes population from Vida Valley (Upper Crișul Negru / Fekete Koros) upstream the dam lake from Lunca Sprie (Bihar County, Romania)	Pisces Hungarici	1789-1329	Zoological Records
7.	2019	Sas-Kovacs I., Sas-Kovacs E.H.	Occurrence of Acrida ungarica in the Romanian part of the lowland course of Crișul Repede River	South-Western Journal of Horticulture, Biology and Environment	Print: 2067-9874 E: 2068-7958	Scopus
8.	2020	Blidar, C.F., Gligor, R.Ș., Tripon, I.M., Gilău, L.,	The current distribution stage of <i>Nymphaea lotus</i> L. var. <i>thermalis</i> (DC) Tuzson, a plant	Analele Universității din Oradea, Fascicula Biologie	Print-ISSN: 1224-5119	Scopus

		Bota, S.R., Hodișan, S., Stănășel, O.D.	species that is threatened with extinction in Europe		CD-ISSN: 1842-6433	
9.	2020	Maier, A.R.M., Cadar, A.M., Covaciu-Marcov S.D.	Last meal: fod composition of road-killed <i>Lacerta viridis</i> (Reptilia: Lacertidae) from Romania	Studia, Universitatis Babeș-Bolyai, Biologia	ISSN (print): 1221-8103	Scopus
10.	2020	Cupșa, D., Telcean, I.C., Cicort-Lucaciu, A.Ș., Sas-Kovacs, I., Ferenti, S., Covaciu-Marcov, S	Newts and fish in the remnants of former wetlands from north-western Romania in front of the same enemy.	Oltenia, Studii și Comunicări, Științele Naturii	1454-6914	Zoological Records
11.	2020	Telcean I.C. Cupșa D.,	The thermal brook Peța (Pece) as shelter for wintering of fish species in lower Crisul Repede (Sebes-Körös) River Basin	Pisces Hungarici	1789-1329	Zoological Records
12.	2020	Cupșa D., Cirle A., Maier A. R. M., Cadar A. M., Telcean I. C.,	Macrozoobenthic invertebrate assemblages in rivers Șușița and Sohodol (Gorj County, Romania) and their indicator value for the water quality characterization	Studia Univ. Babeș-Bolyai	ISSN (print): 1221-8103 ISSN (online): 2065-9512	Scopus
13.	2020	Ferenti, S., Cadar, A.M., Maier, A.R.M.	New distribution records of an endemic terrestrial isopod species (<i>Trachelipus trilobatus</i>) in the Romanian Southern Carpathians	Ecologia Balkanica	1314-0213, 1313-9940	Scopus
14.	2020	Creț A., Chiș C., Șipoș M.,	The allelopathic effects of some essential oil on the biotest species <i>Sinapis alba</i> L.	Analele Univ. Oradea, Fascicula Protectia Mediului	1224-6255	CABI
15.	2020	Aurelian ILIE, Lorena ILIE, Oana STĂNĂȘEL, Sanda BOTA	Analysis of the therapeutic water resources from Tinca	Analele Universității din Oradea-Fascicula Chimie	1224-7626	BDI
16.	2020	Cristian Felix BLIDAR, Renata Ștefania GLIGOR, Ioana Maria TRIPON, Ludovic GILĂU, Sanda Rodica BOTA, Sorin HODIȘAN, Oana Delia STĂNĂȘEL	The current distribution stage of <i>Nymphaea lotus</i> L. var. <i>thermalis</i> (DC) Tuzson, a plant species that is threatened with extinction in Europe	Analele Universității din Oradea-Fascicula Chimie	1224-7626	BDI
17.	2020	Gabriela Elena BADEA, Mioara SEBEȘAN, Sorin HODIȘAN, Gheorghe Constantin IONESCU,	Monitoring of nitrate concentration in drinking water- a case study	Analele Universității din Oradea-Fascicula Chimie	1224-7626	BDI

		George Lucian IONESCU, Nicolae HODUȚ				
18.	2020	Violeta Teodora AVRAM, Alexandrina FODOR, Anda Ioana Gratiela PETREHELE, Claudia Mona MORGOVAN	SPECTROPHOTOMETRIC DETERMINATION OF Fe II IN AGRICULTURE SOIL FOR TOMATOES CROP	Analele Universității din Oradea- Fascicula Chimie	1224-7626	BDI
19.	2020	Claudia Mona MORGOVAN, Anda Ioana Gratiela PETREHELE, Alexandrina FODOR, Mariana CIPLEU	INFLUENCE OF MANGANESE IONS OF CHLOROPHYL CONCENTRATION FROM WHEAT GRASS	Analele Universității din Oradea- Fascicula Chimie	1224-7626	BDI
20.	2020	Ghitea, T.C., Corb Aron, R.A., Lazar, L., Bungău, S.	The influence of dietary interventions on paraclinical parameters in patients with metabolic syndrome	Arch Balk Med Union	2558-815X	BDI
21.	2020	Baidog, A., Bungău, S., Behl, T., Ratiu, I., Corb Aron, R.A., Ursu, F., Lazar, L., Vesa, C.M.	Interrelationships between hyperuricemia, metabolic syndrome and chronic kidney disease in patients with diabetes mellitus	Arch Balk Med Union	2558-815X	BDI
22.	2021	Blidar, C.F., Pocioian, D.S.,	The evaluation of allelopathic interactions of cucumber on maize germination.	Studia Universitatis "Vasile Goldiș", Seria Științele Vieții,	1584-2363	Scopus
23.	2021	Blidar, C.F., Chis, R.S., Bota, S.R., Șerban, G., Stănășel, O.D.,	Effect of light quality on <i>in vitro</i> germination, seedling growth and photosynthetic pigments production in wheat (<i>Triticum aestivum</i> L.)	African Journal of Biotechnology	1684-5315	Chemical Abstracts
24.	2021.	Covaciu-Marcov, S.-D., Sucea, F.-N.	Altered breeding behaviour in some amphibians from an artificial habitat in the Jiu Gorge National Park, Romania.	Herpetology Notes	2071-5773	Scopus
25.	2021	Pop D. R., Lucaci B. I., Cupșa D	.Preliminary data upon fauna railway mortality in Dobruja (Romania) indicate a possible impact on spur-thighed tortoise, <i>Testudo graeca</i>	Oltenia - Studii și Comunicări Științele Naturii	1454-6914	Zoological Record
26.	2021	Cadar A.-M., Cupșa D., Manea A.-M., Maier A.-R.- M.,	The diet of two <i>Salamandra salamandra</i> (Amphibia) populations from the Domogled - Valea Cernei National Park, Romania.,	Oltenia - Studii și Comunicări Științele Naturii	1454-6914	Zoological Record
27.	2021	Pop, D.-R., Cadar, A.-M., Maier, A.-R.-M., Ferenti, S.,	Preliminary data on terrestrial isopods from some railways in Dobruja, eastern Romania.	Studia, Universitatis Babeș-Bolyai Biologia	2065-9512	Scopus

28.	2021	Petruș-Vancea, A., Știrb, L.,	Preliminary study regarding optimization of knowledge, attitudes and healthy practical skills in oral health, at middle school pupils, from rural environment.	Acta Didactica Napocensia	2065-1430	Doaj Proquest Copernicus
29.	2021	Petruș-Vancea, A., Csabai, J., Fodor, A.,	The effect of activated charcoal and vessels size on in vitro growth of <i>Asparagus officinalis</i> L.	South Western Journal of Horticulture, Biology and Environment	2067-9874	Scopus
30.	2021	Gâtea D., Raț I., Man P., Gâtea D., Șipoș M.,	Secretory structures and some active principles at <i>Ambrosia artemisiifolia</i> L.,	Natural Resources and Sustainable Development	2601-5676	Doaj Copernicus
31.	2021	Mioara SEBEȘAN, Oana Delia STĂNĂȘEL, Radu SEBEȘAN, Sorin HODIȘAN	TOXICITY ANALYSIS OF ANIONIC AND CATIONIC DETERGENTS	Analele Universității din Oradea-Fascicula Chimie	1224-7626	BDI
32.	2021	Sorin HODIȘAN, Alexandrina FODOR, Sanda BOTA, Mioara SEBEȘAN	Zn II, Cu II, Pb II, Hg II, Ni II SURVEY AND THE SURFACE WATERS QUALITY EVALUATION IN THE BARCĂU RIVER BASIN (WEST ROMANIA)	Analele Universității din Oradea-Fascicula Chimie	1224-7626	BDI
33.	2021	Anda Ioana Grațîela PETREHELE, Alexandrina FODOR, Claudia Mona MORGOVAN, Brenda PITTMAN	INDIRECT SYNTHESIS OF KEGGIN POLYOXOMETALATES WITH TUNGSTEN AND VANADIUM ADDENDA	Analele Universității din Oradea-Fascicula Chimie	1224-7626	BDI
34.	2021	Anda Ioana Grațîela PETREHELE, Claudia MORGOVAN, Alexandrina FODOR, Ileana SACALÎȘ	EVOLUTION OF ASCORBIC ACID CONCENTRATION FROM ROSA CANINA AND HIPPOPHAE RHAMNOIDES FRUITS TO JAM	Analele Universității din Oradea, Fascicula Protecția Mediului	1224-6255	BDI
35.	2022	Cupșa, D; Costea, TO; Cicort-Lucaciu, AȘ; Covaciu-Marcov, SD; Ferenți, S	Cuticle structure of Carpathian endemic species: <i>Trachelipus trilobatus</i> (Crustacea, Isopoda, Oniscidea) described with the scanning electron microscope.	STUDIA UNIVERSITATIS BABEȘ-BOLYAI BIOLOGIA	2065-9512	Scopus
36.	2022	Cupșa D., Bandi M. D., Telcean I. C.	Notes on the reproduction particularities of <i>A Viviparus acerosus</i> (Linnaeus, 1758) (Gastropoda, Viviparidae) population from Southern Romania (Dolj County, Oltenia Region)	South-west Journal of Horticulture Biology and Environment	2067-9874 2068-7958	Scopus

37.	2022	Ilies-Lulusa, C.F., Petrus-Vancea A.,	Data on the effect of zinc on the germination and growth of <i>Zea mays</i> L.	South Western Journal of Horticulture, Biology and Environment	2067-9874 2068-7958	Scopus
38.	2022	M Frize, V Tsapaki, L Lhotska, AM Marques da Silva, (...) LG Marcu	Women in Medical Physics and Biomedical Engineering: past, present and future	Health & Technology 12:655-662		Emerging sources citation index
39.	2022	Lovas, Izabella ; Kiss, Annamaria ; (...); Moca P Zarand, Gergely	Quantum Coulomb glass on the Bethe lattice	Phys Rev Research		Emerging sources citation index
40.	2022	Fritea, Luminita ; Sipponen, Maruzella ; (...); Domuta, Maria	RELATIONSHIP BETWEEN PRE-EXISTING CONDITIONS IN COVID-19 PATIENTS AND INFLAMMATION	Pharmacophore		Emerging sources citation index
41.	2022	Mintas, Andreea-Ina Antonescu ; Antonescu, Angela ; (...); Cavalu, Simona	NOVEL TOPICAL FORMULATIONS BASED ON O. BASILICUM AND T. PRATENSE: ANTIOXIDANT, ANTIMICROBIAL, AND ANTI-INFLAMMATORY EFFECT	Pharmacophore		Emerging sources citation index
42.	2022	Khalil, Rania ; Yahya, Galal ; (...); Cavalu, Simona	Emerging Approach for the Application of Hibiscus sabdariffa Extract Ointment in the Superficial Burn Care	Scientia pharmaceutica		WoS (no IF)
43.	2022	Claudia Mona Morgovan, Anda Ioana Grațîela Petrehele, Oana Delia Stănășel, Marius Iulian Jurcă	<i>DETERMINATION OF ANTIOXIDANTS FROM FOENICULUM VULGARE AND CUMINUM CYMINUM SEEDS</i>	Analele Universității din Oradea-Fascicula Chimie, Vol. XXIX (29)	1224-7626	BDI
44.	2022	Alexandrina Fodor, Anda Ioana Gratiela Petrehele, Ioana Teodora Gombos	<i>EVALUATION OF HEMIC AND NON-HEMIC Fe CONTENT IN DIFFERENT KIND OF CHICKEN EGG YOLK</i>	Analele Universității din Oradea-Fascicula Chimie, Vol. XXIX (29)	1224-7626	BDI
45.	2022	Anda Ioana Gratiela Petrehele, Claudia Mona Morgovan, Alina Maria Cărăban, Alexandrina Fodor, Camelia Ionaș	<i>THE STUDY OF THE PROPERTIES AND RESISTANCE TO DEGRADATION OF MILK PROCESSED BY DIFFERENT TECHNIQUES</i>	Analele Universității din Oradea-Fascicula Chimie, Vol. XXIX (29)	1224-7626	BDI
46.	2022	Marian E., Morgovan C. M., Vicaș L. G., Jurcă T.,	<i>DETERMINATION OF THE TOTAL CONTENT OF POLYPHENOLS,</i>	Romanian Journal of Pharmaceutical	2066-5563	BDI

		Pallag A., Mureșan M., Frent O. D.	<i>FLAVONOIDS AND THE ANTIOXIDANT CAPACITY OF EXTRACTS FROM VIOLA X WITTROCKIANA FLOWERS</i>	Practice, Vol. XV, No. 1 (59)		
47.	2022	Dan Noje, Alina Cărăban, Ovidiu Gheorghe Moldovan, Octavian Alin Moldovan, Dan Crăciun	<i>DEVELOPMENT OF DS18B20 TEMPERATURE SENSOR IOT DEVICE USING SECURE API CONNECTION</i>	Nonconventional Technologies Review/Revista de Tehnologii Neconvenționale 26 (3)	2359-8646	BDI
48.	2022	G.E. Badea, S. Bota, S. Dzițac, C. Ionaș, P.G. Badea, C.M. Stănășel	<i>DATABASE WITH ECO-INHIBITORS OF CORROSION FOR CARBON STEEL IN ACID ENVIRONMENT</i>	Analele Universității din Oradea- Fascicula Chimie, Vol. XXIX (29)	1224-7626	BDI
49.	2022	Pavel, F.M., Tit, D.M., Bungau, A.F., Behl, T., Tarce, A.G., Bungău S.	<i>EFFECT OF DIETARY PROBIOTICS ON INTESTINAL MICROBIOTA IN PATIENTS WITH CROHN'S DISEASE</i>	<i>Arch Balk Med Union</i> 57(1)	1584-9244	BDI
50.	2023	Oana Delia Stănășel, Mioara Sebeșan, Camelia Daniela Țicărat (Ionaș), Mirela Ardelean	Studies on Kinetic Parameters of a Second- Order Reaction of Hydrolysis	Analele Universității din Oradea - Fascicula Chimie, AUOFC Vol.XXX (30)	1224-7626	BDI
51.	2023	Andrei Rîșteiu, Anda Ioana Grațîela Petrehele, Oana Delia Stănășel, Claudia Mona Morgovan, Camelia Porumb	Studies on the Composition of Surface Water and Spring Waters from the Vicinity of a Copper Mining Operation	Analele Universității din Oradea - Fascicula Chimie, AUOFC Vol.XXX (30)	1224-7626	BDI
52.	2023	Mioara Sebeșan, Horea Sebeșan, Gabriela Elena Badea, Radu Sebeșan, Sorin Hodișan	The Study Complexation of β -Cyclodextrin with Salicylic Acid	Analele Universității din Oradea - Fascicula Chimie, AUOFC Vol.XXX (30)	1224-7626	BDI
53.	2023	Alexandrina Fodor, Mirabela-Maria Vațlavic, Claudia Mona Morgovan	Spectrophotometric Determination of Paracetamol in Pharmaceutical Products	Analele Universității din Oradea - Fascicula Chimie, AUOFC Vol.XXX (30)	1224-7626	BDI
54.	2023	Alexandrina Fodor, Anda Ioana Grațîela	Comparative Study of Ca Content from Almond, Chia and Sesame Seeds	Analele Universității din Oradea - Fascicula Chimie, AUOFC	1224-7626	BDI

		Petrehele		Vol.XXX (30)		
55.	2023	Sorin Hodişan, Rares Mihnea Hodişan, Mioara Sebeşan, Csaba Nandor Pelle	Identification and Separation of Some Flavonoids from Blueberry Leaves by Chromatographic Separation	Analele Universităţii din Oradea - Fascicula Chimie, AUOFC Vol.XXX (30)	1224-7626	BDI
56.	2023	Anda Ioana Graţiela Petrehele, Alexandrina Fodor, Gabriela Elena Badea, Lenuţa Iuliana Lukacs, Camelia Ionaş	Comparative Study of Enzyme Activity and Fat Concentration from Diferent Types of Dehydrated Oilseeds	Analele Universităţii din Oradea - Fascicula Chimie, AUOFC Vol.XXX (30)	1224-7626	BDI
57.	2023	Codrin Balea, Anda Ioana Graţiela Petrehele, Alexandrina Fodor, Claudia Mona Morgovan	Determination of Copper and Iron in Waste Water from Copper Mining	Analele Universităţii din Oradea - Fascicula Chimie, AUOFC Vol.XXX (30)	1224-7626	BDI
58.	2023	Negru, A.P., Bungau, S.G., Behl, T., Fitero, A., Tarce, A.G.	Exploring Potential Therapeutic Agents for the Treatment of COVID-19 via in-silico Methods.	Rev. Chim., 74(2), 2023, 1-9	2668-8212	BDI
59.	2023	Blidar, C.F., Egyed, I., Tomulescu, I.M., Tripon, I.M., Gostin, I.N.	Physical nature substrate influence on <i>in vitro</i> germination of <i>Ipomoea tricolor</i> Cav	Analele Universităţii din Oradea, Fascicula Biologie, 30(2): 166-172.	ISSN: 1224-5119, e-ISSN: 1844-7589	SCOPUS
60.	2023	Ferenţi, S., Covaciu-Marcov, S.-D.,	. A new distribution record of <i>Darevskia praticola</i> (Reptilia) in the Poiana Ruscă Mountains (Romania): a connection between the previously known populations.	Oltenia, Studii şi Comunicări, Ştiinţele Naturii 39(2): 135-138.	1454-6914	Zoo Records
61.	2023	Covaciu-Marcov, S.-D., Pop, D.-M., Sucea, F.-N., Ile, G.-A., Cicort-Lucaciu, A.-Ş., Ferenţi, S.	Good news from newts: distribution, population size, and dynamics of two protected newt species in the Jiu Gorge National Park, Romania.	Studia, Universitatis Babeş-Bolyai, Biologia 68(2): 219-234.	2065-9512	Scopus
62.	2023	Dobai, R.-S., Covaciu-Marcov, S.-D., Cupşa, D., Cicort, A., Moş, A.-	Data on the food composition of four lizard species (Reptilia: Lacertidae) acidentally fallen in pitfall traps in western Romania	Oltenia, Studii şi Comunicări, Ştiinţele Naturii 39(1): 153-160	1454-6914	Zoo Records

		S., Ferenți, S.				
63	2023	Cupșa, D., Pascar, B., Covaciu-Marcov, S.-D., Ferenți, S., Telcean, I.C.	Macrozoobenthic invertebrate assemblages in the Cozla area, Iron Gates Natural Park, Romania.	Oltenia, Studii și Comunicări, Științele Naturii 39(2): 72-81.	1454-6914	Zoo Records
64	2023	Petrus-Vancea A., Pop D.N., Sucea F.N., Dumbrava A.R., Mos A.S., Cicort A., Cupsa D.	Morpho-anatomical aspects of foliar lamina and beech nut quality of Fagus sylvatica L. from two natural protected areas in the Romanian Carpathians	Oltenia - Studii și Comunicări Științele Naturii. 39 (1) : 82-91.	1454-6914	Zoo Records
65	2023	Șipoș M., Borza I., Pușcaș G.,	The effect produced by naturally and synthetically allyl isothiocyanate on some varieties of wheat,	Natural Resources and Sustainable Development, Vol. 13 (1) , pp.99-106	eISSN 2601-5676 Print ISSN-L 2066-6276	Index Copernicus

Total punctaj număr lucrări publicate în reviste de specialitate fără cotație ISI (Punctaj = nr. lucrări x 5):
65 x 5 = 325 puncte

ANEXA 5.2 Lucrări științifice prezentate la conferințe internaționale cu comitet de program:

Nr. crt.	Data publicării		Autor(i)	Titlul lucrării	Conferința
	An	Luna			
1.	2019		P. Reid, A.H. Staudacher, L.G. Marcu , I. Olver, L. Moghaddasi, Y. Li, E. Bezak	Changes to radiosensitivity of head and neck cancers by HPV status following repeated irradiation	The 5 th International Symposium on the System of Radiological Protection ICRP, Adelaide, Australia, 17-21 Nov
2.	2019		P. Reid, A.H. Staudacher, L.G. Marcu , I. Olver, L. Moghaddasi, Y. Li, E. Bezak	Differential in changes to radiosensitivity among head and neck cancer cell lines by HPV status following fractionated dose	The 65 th Annual Meeting of the Radiation Research Society, San Diego, 3-6 Nov
3.	2019		E. Bezak, P. Reid, A.H. Staudacher, L.G. Marcu , I. Olver, L. Moghaddasi	Changing radiosensitivity in head and neck cancers following fractionated dose: radiation response by HPV status	EPSM & AOCMP 19 th Asia-Oceania Congress of Medical Physics, Perth, Australia, 28-30 Oct
4.	2019		R. Tomse, D. Rahota, C. Marcu, A.M. Miere, L. Marcu	Radioactivity monitoring in foodstuff and drinking water in Bihor county	TIM19 Physics Conference, Timisoara 29-31 May
5.	2019		A. Dinu, T. Flonta, L. Marcu	The impact of breast irradiation using thermoplastic mask on quality of life	ESTRO 38, Milano, Italy, 26-30 April
6.	2019		E. Bezak, L. Marcu , C. Boyd	Feeding the data monster: data science for personalised therapy	International Conference on Biomedical & Health Informatics (ICBHI 2019), Taipei, Taiwan, 17-20 April 2019
7.	2020		P. Reid, A. Staudacher, L.G. Marcu , I. Olver, L. Moghaddasi, E. Bezak	<i>Comparisons of DNA damage in HPV negative and positive head and neck cancer cell lines following fractionated irradiation</i>	20th Asia-Oceania Congress on Medical Physics (AOCMP) Thailand, Online, 3 – 5 Dec (2020)
8.	2020		P. Reid, A. Staudacher, L.G. Marcu , I. Olver, L. Moghaddasi, E. Bezak	<i>Resolution of γH2AX in head and neck cancers following fractionated irradiation: comparison by HPV status</i>	Engineering and Physical Sciences in Medicine Conference, International, Online, 1 – 4 Nov (2020)

9.	2020		P. Reid, A. Staudacher, L.G. Marcu , I. Olver, L. Moghaddasi, E. Bezak	<i>Accumulation of DNA damage in head and neck cancer cell lines with fractionated irradiation: comparison by HPV status</i>	Radiation Research Society (RRS) Annual Meeting, International, Online, 18 – 21 Oct (2020)
10.	2020		P. Reid, A. Staudacher, L.G. Marcu , I. Olver, L. Moghaddasi, E. Bezak	<i>DNA damage and repair in head and neck cancers in response to fractional irradiation</i>	Australian Radiation Protection Society (ARPS) Symposium, Adelaide, Australia, 1-2 Oct (2020)
11.	2020		M. Frize, E. Bezak, L. Lhotska, L. Marcu , et al	<i>Gender and work from home during COVID19: Preliminary results for STEM fields</i>	Gender Summit, Seoul, Korea, 19-20 Aug (2020)
12.	2021	mai	Șuşman-Bîrle, I. A.,	Stresul abiotic în germinație	Sesiunea Națională de Comunicări Științifice a Studenților și a Cadrelor Didactice din Învățământul Preuniversitar
13.	2021	mai	Ilieș-Lulușă F. C., Petruș Vancea A.,	Studii privind efectul zincului asupra germinației la <i>Phaseolus vulgaris</i> L.	Sesiunea Națională de Comunicări Științifice a Studenților și a Cadrelor Didactice din Învățământul Preuniversitar
14.	2021	mai	Știrb-Gavriliuț L. C., ., Petruș Vancea A.,	Efectul manganului asupra plantulelor de <i>Pisum sativum</i> L., în primele etape ale dezvoltării	Sesiunea Națională de Comunicări Științifice a Studenților și a Cadrelor Didactice din Învățământul Preuniversitar
15.	2021	mai	Căpuș F., Șipoș M.	Efectul alelopatic al izotiacianatului de alil asupra unor cereale	Sesiunea Națională de Comunicări Științifice a Studenților și a Cadrelor Didactice din Învățământul Preuniversitar
16.	2021	mai	Țier M., Petruș Vancea A.,	Studii privind efectul fluazifop-P-butilului asupra germinației la <i>Phaseolus vulgaris</i> L.	Sesiunea Națională de Comunicări Științifice a Studenților și a Cadrelor Didactice din Învățământul Preuniversitar
17.	2021		Oana STĂNĂȘEL, Sanda BOTA, Anda PETREHELE, Renata SOLLOSI, Ludovic GILĂU, Cristian BLIDAR	<i>Chemical Changes in Natural Features and Geothermal Well Discharges in Oradea and Surroundings</i>	World Geothermal Congress 2020+1 Reykjavik, Iceland
18.	2021		Sebeșan M, Badea G.E., Sebeșan R., Paven C.S.	<i>Physico-Chemical Analysis of Milk - A Case Study</i>	International Conference -Advances in Food Chemistry-AdFoodChem, 15-17 Aprilie 2021, Bucuresti
19.	2023		O. Stănășel, M.E. Cărăban, M. Sebeșan, S. Hodișan*, C. Ticărat, I. Stănășel, C.	Evaluation of Deep Temperatures in Oradea - 1 Mai - Felix Geothermal Area	17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 09-10 June 2023

			Blidar		
20.	2023		M. Sebeșan, O. Stănășel, H. Sebeșan, C. Țicărat, R. Sebeșan and S. Hodișan	Developing the Energy Potential of Geothermal Resources from 3 Wells in Bihor County	17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 09-10 June 2023
21.	2023		G. E. Badea, S. Dzitac, L. Marin, A. I. G. Petrehele, C. Porumb and P. G. Badea	An Investigation on the Electrochemical Behavior of Steel in the Presence of an Eco-inhibitor	17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 09-10 June 2023

Total punctaj număr lucrări științifice prezentate la conferințe internaționale cu comitet de program (Punctaj = nr. prezentări x 5):

27 x 5 = 105 puncte

ANEXA 5.3 Modele fizice, modele experimentale, modele funcționale, prototipuri, normative, proceduri, metodologii, reglementări și planuri tehnice noi sau perfecționate, realizate în cadrul programelor naționale sau comandate de beneficiar

5.3.1. Număr de modele, normative, proceduri etc.:

Nr.crt.	Data acordării	Tip	Autor	Denumire

Capitole în monografii de cercetare:

Nr.	An	Autori	Titlul capitolului	Titlul cartii, editura
1.				

Monografii de cercetare:

Nr.	An	Autori	Titlu	Editura

Total punctaj modele/prototipuri/proceduri = nr metod x 5 = 0

6. PRESTIGIUL PROFESIONAL

6.1. MEMBRI (INCLUZÂND STATUTUL DE RECENZOR) ÎN COLECTIVELE DE REDACȚIE ALE UNOR REVISTE (COTATE ISI SAU INCLUSE ÎN BAZE DE DATE INTERNAȚIONALE) SAU ÎN COLECTIVE EDITORIALE ALE UNOR EDITURI INTERNAȚIONALE RECUNOSCUTE (Punctaj = Număr de prezențe în perioada pentru care se face evaluarea x 20)

Punctaj: 5200 puncte

6.2. MEMBRI ÎN COLECTIVELE DE REDACȚIE ALE REVISTELOR RECUNOSCUTE NAȚIONAL (DIN CATEGORIA B ÎN CLASIFICAREA CNCSIS) (Punctaj = Număr de prezențe în perioada pentru care se face evaluarea x 10):

Punctaj: -

6.3. PREMII INTERNAȚIONALE OBȚINUTE PRINTR-UN PROCES DE selecȚie (Punctaj = Număr de premii x 20):

Punctaj: -

6.4. PREMII NAȚIONALE ALE ACADEMIEI ROMANE (Punctaj = Număr de premii x 20):

Punctaj: 60 puncte

6.5. CONDUCĂTORI DE DOCTORAT MEMBRII AI UNITĂȚII DE CERCETARE (Punctaj = Număr de conducători de doctorat x 10):

Punctaj: 50

6.6. NUMĂR DE DOCTORI ÎN ȘTIINȚĂ, MEMBRI AI UNITĂȚII DE CERCETARE (Punctaj = Număr de doctori în știință x 10):

Punctaj: 300 puncte

Total punctaj cap. 6 = 5610 puncte ;

5610 / 30 = 187 puncte /membru

ANEXA 6.1 Membri (incluzând statutul de recenzor) în colectivele de redacție ale unor reviste (cotate ISI sau incluse în baze de date internaționale) sau în colective editoriale ale unor edituri internaționale recunoscute:

Nr. crt.	Nume și prenume	Calitatea	Titlul revistei/editurii	Anul	Punctaj
1.	MOCA PAȘCU CĂTĂLIN	Referent	Physical Review B	2022	20
2.	MOCA PAȘCU CĂTĂLIN	Referent	Physical Review Letters	2022	20
3.	MOCA PAȘCU CĂTĂLIN	Referent	Physica C	2022	20
4.	MARCU LOREDANA	Referent	Physics in Medicine and Biology	2022	20
5.	MARCU LOREDANA	Referent stiintific	Physics in Medicine and Biology	2019	20
6.	MARCU LOREDANA	Membru al board-ului editorial	Austral-Asian Journal of Cancer	2019	20
7.	MARCU LOREDANA	Referent stiintific	Medical Hypotheses	2019	20
8.	MARCU LOREDANA	Referent stiintific	Australasian Physical & Engineering Science in Medicine	2019	20
9.	MARCU LOREDANA	Referent stiintific	Journal of Theoretical Biology	2019	20
10.	MARCU LOREDANA	Referent stiintific	Physics in Medicine and Biology	2019	20
11.	MOCA PAȘCU CĂTĂLIN	Referent	Physical Review B	2019	20
12.	MOCA PAȘCU CĂTĂLIN	Referent	Physical Review Letters	2019	20
13.	MOCA PAȘCU CĂTĂLIN	Referent	Physica C	2019	20
14.	CAVALU SIMONA	Referent	Ceramic International	2022	20
15.	CAVALU SIMONA	Referent	Acta Biomaterialia	2022	20
16.	CAVALU SIMONA	Referent	Modern Physics Letters B	2022	20
17.	FODOR ALEXANDRINA	Referent stiintific	Analele Universității din Oradea, Fascicula Chimie, CNCSIS D ISBN 1242-7626, acceptată BDI/ Chemical Abstracts, www.cas.org	2022	20
18.	STĂNĂȘEL OANA	Referent stiintific	Analele Universității din Oradea, Fascicula Chimie, CNCSIS D ISBN 1242-7626, acceptată BDI/ Chemical Abstracts, www.cas.org	2022	20
19.	CĂRĂBAN ALINA	Referent stiintific	Analele Universității din Oradea, Fascicula Chimie, CNCSIS D ISBN 1242-7626, acceptată BDI/ Chemical Abstracts, www.cas.org	2022	20
20.	GAVRIȘ GEORGETA	Referent stiintific	Analele Universității din Oradea, Fascicula Chimie,	2022	20

			CNCSIS D ISBN 1242-7626, acceptată BDI/ Chemical Abstracts, www.cas.org		
21.	FODOR ALEXANDRINA	Referent stiintific	Analele Universității din Oradea, Fascicula Chimie, CNCSIS C ISBN 1242-7626, acceptată BDI/ Chemical Abstracts, www.cas.org	2019	20
22.	MORGOVAN CLAUDIA	Referent stiintific	Analele Universității din Oradea, Fascicula Chimie, CNCSIS C ISBN 1242-7626, acceptată BDI/ Chemical Abstracts, www.cas.org	2019	20
23.	CARABAN ALINA MARIA	Referent stiintific	Scientific Journal International, ISSN1556-6757- Chemistry, Biochemistry, Molecular Biology, Polymer Science	2019	20
24.	CARABAN ALINA MARIA	Referent stiintific	Analele Universității din Oradea, Fascicula Chimie, CNCSIS C ISBN 1242-7626, acceptată BDI/ Chemical Abstracts, www.cas.org	2019	20
25.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2022	20
26.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2022	20
27.	CUPSA DIANA	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2022	20
28.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2022	20
29.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2022	20
30.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
31.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Oltenia Studii si Comunicari Stiintele Naturii / Muz. Olteniei, Craiova, Romania	2022	20
32.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	AACL Bioflux	2022	20
33.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	AES Bioflux	2022	20
34.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2022	20
35.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2022	20

36.	BLIDAR CRISTIAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2022	20
37.	BLIDAR CRISTIAN	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
38.	CUPSA DIANA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2022	20
39.	CUPSA DIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
40.	PETRUS ADRIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
41.	PETRUS ADRIANA	Referent stiintific	Journal of Pharmacy and Bioallied Sciences/ Published by Medknow	2022	20
42.	PETRUS ADRIANA	Referent stiintific	Answers Research Journal	2022	20
43.	PETRUS ADRIANA	Referent stiintific	International Research Journal of Agricultural Science	2022	20
44.	PETRUS ADRIANA	Referent stiintific	JOURNAL OF ECOLOGY AND THE NATURAL ENVIRONMENT	2022	20
45.	PETRUS ADRIANA	Referent stiintific	Journal of Medicinal Plants Research	2022	20
46.	PETRUS ADRIANA	Referent stiintific	African Journal of Agricultural Research	2022	20
47.	RADOVICIU EDITH MIHAELA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
48.	SAMUEL ALINA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
49.	SIPOS MONICA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2022	20
50.	SIPOS MONICA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
51.	TELCEAN ILIE	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2022	20
52.	TELCEAN ILIE	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
53.	TOMULESCU IOANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2022	20
54.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2023	20
55.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2023	20
56.	CUPSA DIANA	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2023	20
57.	CUPSA DIANA	Referent stiintific	International Journal of Environmental Research and	2023	20

			Public Health/published by MDPI		
58.	SAS ISTVAN	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2023	20
59.	SAS ISTVAN	Referent stiintific	Acta Herpetologica / Firenze University	2023	20
60.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2023	20
61.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2023	20
62.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
63.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Oltenia Studii si Comunicari Stiintele Naturii / Muz. Olteniei, Craiova, Romania	2023	20
64.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	AACL Bioflux	2023	20
65.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	AES Bioflux	2023	20
66.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2023	20
67.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2023	20
68.	BLIDAR CRISTIAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2023	20
69.	BLIDAR CRISTIAN	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
70.	CUPSA DIANA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2023	20
71.	CUPSA DIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
72.	PETRUS ADRIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
73.	PETRUS ADRIANA	Referent stiintific	Journal of Pharmacy and Bioallied Sciences/ Published by Medknow	2023	20
74.	PETRUS ADRIANA	Referent stiintific	Answers Research Journal	2023	20
75.	PETRUS ADRIANA	Referent stiintific	International Research Journal of Agricultural Science	2023	20
76.	PETRUS ADRIANA	Referent stiintific	JOURNAL OF ECOLOGY AND THE NATURAL ENVIRONMENT	2023	20
77.	PETRUS ADRIANA	Referent stiintific	Journal of Medicinal Plants Research	2023	20

78.	PETRUS ADRIANA	Referent stiintific	African Journal of Agricultural Research	2023	20
79.	RADOVICIU EDITH MIHAELA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
80.	SAMUEL ALINA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
81.	SAS ISTVAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2023	20
82.	SAS ISTVAN	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2023	20
83.	SAS ISTVAN	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
84.	SAS ISTVAN	Referent stiintific	Oltenia Studii si Comunicari Stiintele Naturii / Muz. Olteniei, Craiova, Romania	2023	20
85.	SAS ISTVAN	Referent stiintific	AACL Bioflux	2023	20
86.	SAS ISTVAN	Referent stiintific	AES Bioflux	2023	20
87.	SIPOS MONICA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2023	20
88.	SIPOS MONICA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
89.	TELCEAN ILIE	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2023	20
90.	TELCEAN ILIE	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
91.	TOMULESCU IOANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2023	20
92.	TOMULESCU IOANA	Referent stiintific	International Journal of Pharma and Biosciences	2023	20
93.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2019	20
94.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2019	20
95.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Belgian Journal of Zoology/ Published by The Royal Society of Zoology	2019	20
96.	CUPSA DIANA	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2019	20
97.	SAS ISTVAN	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2019	20
98.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2019	20
99.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2019	20

100.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
101.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Oltenia Studii si Comunicari Stiintele Naturii / Muz. Olteniei, Craiova, Romania	2019	20
102.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	AACL Bioflux	2019	20
103.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	AES Bioflux	2019	20
104.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2019	20
105.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2019	20
106.	BLIDAR CRISTIAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2019	20
107.	BLIDAR CRISTIAN	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
108.	BLIDAR CRISTIAN	Referent stiintific	Journal of Pharmacy and Bioallied Sciences/ Published by Medknow	2019	20
109.	CUPSA DIANA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2019	20
110.	CUPSA DIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
111.	PETRUS ADRIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
112.	RADOVICIU EDITH MIHAELA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
113.	SAMUEL ALINA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
114.	SAS ISTVAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2019	20
115.	SAS ISTVAN	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2019	20
116.	SAS ISTVAN	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
117.	SAS ISTVAN	Referent stiintific	Oltenia Studii si Comunicari Stiintele Naturii / Muz. Olteniei, Craiova, Romania	2019	20
118.	SAS ISTVAN	Referent stiintific	AACL Bioflux	2019	20
119.	SAS ISTVAN	Referent stiintific	AES Bioflux	2019	20
120.	SIPOS MONICA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2019	20
121.	SIPOS MONICA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie /	2019	20

			Ed.Univ.Oradea, Romania		
122.	TELCEAN ILIE	Referent stiintific	Bihorean Biologist / Ed.Univ.Oradea, Romania	2019	20
123.	TELCEAN ILIE	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
124.	TOMULESCU IOANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2019	20
125.	TOMULESCU IOANA	Referent stiintific	International Journal of Pharma and Biosciences	2019	20
126.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2020	20
127.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2020	20
128.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Belgian Journal of Zoology/ Published by The Royal Society of Zoology	2020	20
129.	CUPSA DIANA	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2020	20
130.	SAS ISTVAN	Referent stiintific	North-Western Journal of Zoology / Ed.Univ.Oradea, Romania	2020	20
131.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Bihorean Biologist / Ed.Univ.Oradea, Romania	2020	20
132.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2020	20
133.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
134.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	Oltenia Studii si Comunicari Stiintele Naturii / Muz. Olteniei, Craiova, Romania	2020	20
135.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	AACL Bioflux	2020	20
136.	COVACIU-MARCOV SEVERUS-DANIEL	Referent stiintific	AES Bioflux	2020	20
137.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2020	20
138.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Bihorean Biologist / Ed.Univ.Oradea, Romania	2020	20
139.	BLIDAR CRISTIAN	Referent stiintific	Bihorean Biologist / Ed.Univ.Oradea, Romania	2020	20
140.	BLIDAR CRISTIAN	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20

141.	BLIDAR CRISTIAN	Referent stiintific	Journal of Pharmacy and Bioallied Sciences/ Published by Medknow	2020	20
142.	CUPSA DIANA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2020	20
143.	CUPSA DIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
144.	PETRUS ADRIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
145.	RADOVICIU EDITH MIHAELA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
146.	SAMUEL ALINA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
147.	SAS ISTVAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2020	20
148.	SAS ISTVAN	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2020	20
149.	SAS ISTVAN	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
150.	SAS ISTVAN	Referent stiintific	Oltenia Studii si Comunicari Stiintele Naturii / Muz. Olteniei, Craiova, Romania	2020	20
151.	SAS ISTVAN	Referent stiintific	AACL Bioflux	2020	20
152.	SAS ISTVAN	Referent stiintific	AES Bioflux	2020	20
153.	SIPOS MONICA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2020	20
154.	SIPOS MONICA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
155.	TELCEAN ILIE	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2020	20
156.	TELCEAN ILIE	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
157.	TOMULESCU IOANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2020	20
158.	TOMULESCU IOANA	Referent stiintific	International Journal of Pharma and Biosciences	2020	20
159.	MARCU LOREDANA	Referent stiintific	Physics in Medicine and Biology	2020	20
160.	MARCU LOREDANA	Editor asociat	Physica Medica	2020	20
161.	MARCU LOREDANA	Membru al board-ului editorial	Journal of Medical Physics		
162.	MARCU LOREDANA	Referent stiintific	Diagnostics	2020	20
163.	MARCU LOREDANA	Referent stiintific	Australasian Physical & Engineering Science in Medicine	2020	20
164.	MARCU LOREDANA	Referent stiintific	Journal of Theoretical Biology	2020	20

165.	MARCU LOREDANA	Referent stiintific	Medical Physics	2020	20
166.	MARCU LOREDANA	Referent stiintific	Frontiers in Physics	2020	20
167.	MARCU LOREDANA	Referent stiintific	Journal of medicinal chemistry	2020	20
168.	MARCU LOREDANA	Referent stiintific	Theranostics	2020	20
169.	MARCU LOREDANA	Referent stiintific	ACS Nano	2020	20
170.	MARCU LOREDANA	Referent stiintific	Radiation Research	2020	20
171.	MARCU LOREDANA	Referent stiintific	Cancer Letters	2020	20
172.	MARCU LOREDANA	Referent stiintific	Future Oncology	2020	20
173.	MARCU LOREDANA	Referent stiintific	Cancers	2020	20
174.	MARCU LOREDANA	Referent stiintific	Current Medical imaging	2020	20
175.	MARCU LOREDANA	Referent stiintific	International Journal of Molecular Sciences	2020	20
176.	MARCU LOREDANA	Referent stiintific	Internat Journal of Radiation Oncol, Biol & Physics	2020	20
177.	MARCU LOREDANA	Referent stiintific	European Journal of Pharmacology	2020	20
178.	MOCA PAȘCU CĂTĂLIN	Referent	Physical Review B	2020	20
179.	MOCA PAȘCU CĂTĂLIN	Referent	Physical Review Letters	2020	20
180.	MOCA PAȘCU CĂTĂLIN	Referent	Physica C	2020	20
181.	SIPOS MONICA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2021	20
182.	SIPOS MONICA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2021	20
183.	TELCEAN ILIE	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2021	20
184.	TELCEAN ILIE	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2021	20
185.	TOMULESCU IOANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2021	20
186.	TOMULESCU IOANA	Referent stiintific	International Journal of Pharma and Biosciences	2021	20
187.	CUPSA DIANA	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2021	20
188.	CUPSA DIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2021	20
189.	PETRUS ADRIANA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2021	20
190.	RADOVICIU EDITH MIHAELA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2021	20
191.	SAMUEL ALINA	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2021	20
192.	BLIDAR CRISTIAN	Referent stiintific	Analele Universitatii din Oradea, F. Biologie / Ed.Univ.Oradea, Romania	2021	20

193.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Herpetologica Romanica/ Ed.Univ.Oradea, Romania	2021	20
194.	CICORT-LUCACIU ALFRED STEFAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2021	20
195.	BLIDAR CRISTIAN	Referent stiintific	Biharean Biologist / Ed.Univ.Oradea, Romania	2021	20
196.	MARCU LOREDANA	Referent stiintific	Cancers	2021	20
197.	MARCU LOREDANA	Referent stiintific	Biomaterials	2021	20
198.	MARCU LOREDANA	Referent stiintific	Diagnostics	2021	20
199.	MARCU LOREDANA	Referent stiintific	Photonics	2021	20
200.	MARCU LOREDANA	Referent stiintific	Life	2021	20
201.	MARCU LOREDANA	Referent stiintific	Radiotherapy & Oncology	2021	20
202.	MARCU LOREDANA	Referent stiintific	Internat Journal of Radiation Oncol, Biol & Physics	2021	20
203.	MARCU LOREDANA	Referent stiintific	Physica Medica	2021	20
204.	MARCU LOREDANA	Referent stiintific	Biomedicines	2021	20
205.	MARCU LOREDANA	Referent stiintific	Current Oncology	2021	20
206.	MARCU LOREDANA	Referent stiintific	Therapeutics and Clinical Risk Management	2021	20
207.	MARCU LOREDANA	Referent stiintific	British Journal of Radiology	2021	20
208.	MARCU LOREDANA	Referent stiintific	Physics in Medicine and Biology	2021	20
209.	MARCU LOREDANA	Referent stiintific	Applied Sciences	2021	20
210.	MARCU LOREDANA	Referent stiintific	Frontiers in Oncology	2021	20
211.	MARCU LOREDANA	Referent stiintific	Journal of Personalized Medicine	2021	20
212.	MARCU LOREDANA	Referent stiintific	Brain Sciences	2021	20
213.	MARCU LOREDANA	Referent stiintific	International Journal of Molecular Sciences	2021	20
214.	MARCU LOREDANA	Referent stiintific	Journal of Cancer Research and Therapeutics	2021	20
215.	MOCA PAȘCU CĂTĂLIN	Referent stiintific	Physical Review B	2021	20
216.	MOCA PAȘCU CĂTĂLIN	Referent stiintific	Physical Review Letters	2021	20
217.	MOCA PAȘCU CĂTĂLIN	Referent stiintific	Physica C	2021	20
218.	MARCU LOREDANA	Membru bord editor	Journal of medical physics	2022	20
219.	MARCU LOREDANA	Referent stiintific	Heliyon	2022	20
220.	MARCU LOREDANA	Referent stiintific	Molecules	2022	20
221.	MARCU LOREDANA	Referent stiintific	Journal of Men's Health	2022	20
222.	MARCU LOREDANA	Referent stiintific	Cancer management & Research	2022	20
223.	MARCU LOREDANA	Referent stiintific	Current oncology	2022	20
224.	MARCU LOREDANA	Referent stiintific	Tomography	2022	20
225.	MARCU LOREDANA	Referent stiintific	Journal of theoretical biology	2022	20
226.	MARCU LOREDANA	Referent stiintific	Mathematical Biosciences & Engineering	2022	20

227.	Bungău Simona	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20
228.	Bungău Simona	Recenzor, Revistă cotate ISI	Frontiers in Pharmacology, ISSN 1663-9812, Q1	2022	20
229.	Bungău Simona	Recenzor, Revistă cotate ISI	Oxidative Medicine and Cellular Longevity, ISSN 1942-0994, Q2	2022	20
230.	Bungău Simona	Recenzor, Revistă cotate ISI	International Journal of Molecular Sciences, ISSN 1422-0067, Q1	2022	20
231.	Bungău Simona	Recenzor, Revistă cotate ISI	Diagnostics, ISSN 2075-4418, Q1	2022	20
232.	Bungău Simona	Recenzor,, Revistă cotate ISI	Sustainability, ISSN 2071-1050, Q2	2022	20
233.	Cărăban Alina	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20
234.	Cărăban Alina Maria	Recenzor, Revistă inclusă în baze de date internaționale	Scientific Journal International, ISSN 1556-6757, Chemistry, Biochemistry, Molecular Biology, Polymer Science, BDI	2022	20
235.	Fodor Alexandrina	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20
236.	Groze Alina	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20
237.	Hodișan Sorin	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20
238.	Morgovan Claudia	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20

239.	Petrehele Anda	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20
240.	Sebeșan Mioara	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20
241.	Stănășel Oana	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Analele Universității din Oradea, Fascicula Chimie, ISSN 1242-7626, BDI	2022	20
242.	Stănășel Oana	Recenzor, Revistă cotate ISI	Applied Geochemistry, ISSN 0883-2927, Elsevier Ltd., Q1	2022	20
243.	Stănășel Oana	Recenzor, Revistă cotate ISI	Environmental Earth Sciences, ISSN 1866-6280, Springer Ed., Q1	2022	20
244.	Stănășel Oana	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	International Journal of Thermodynamics, ISSN 2146-1511, BDI	2022	20
245.	Stănășel Oana	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Kocaeli Journal of Science and Engineering, ISSN 2667-484X, BDI	2022	20
246.	Stănășel Oana	Recenzor, Revistă inclusă în baze de date internaționale, altele decât ISI	Journal of Science, Part A: Engineering and Innovation, ISSN 2147-9542, BDI	2022	20
247.	MARCU LOREDANA	Referent științific	Cancers	2023	20
248.	MARCU LOREDANA	Referent științific	Biomaterials	2023	20
249.	MARCU LOREDANA	Referent științific	Diagnostics	2023	20
250.	MARCU LOREDANA	Referent științific	Tomography	2023	20
251.	MARCU LOREDANA	Referent științific	Physics in Medicine and Biology	2023	20
252.	MARCU LOREDANA	Referent științific	Applied Science	2023	20
253.	MARCU LOREDANA	Referent științific	Radiotherapy & Oncology	2023	20
254.	MARCU LOREDANA	Referent științific	Internat Journal of Radiation Oncol, Biol & Physics	2023	20

255.	MARCU LOREDANA	Referent stiintific	Physica Medica	2023	20
256.	MARCU LOREDANA	Referent stiintific	Biomedicines	2023	20
257.	MARCU LOREDANA	Referent stiintific	Current Oncology	2023	20
258.	MOCA PAȘCU CĂTĂLIN	Referent stiintific	Physical Review B	2023	20
259.	MOCA PAȘCU CĂTĂLIN	Referent stiintific	Physical Review Letters	2023	20
260.	MOCA PAȘCU CĂTĂLIN	Referent stiintific	Physica C	2023	20

Total puncte membri/ recenzori reviste ISI sau BDI: 260 x 20 = 5200

ANEXA 6.4 Premii naționale ale Academiei Române:

Nr. crt.	Nume și prenume	Premiu național	An	Punctaj
1.	Stănășel Oana Delia	Diplomă de Onoare pentru contribuții deosebite în promovarea chimiei, Societatea de Chimie din România	2019	20
2.	Fodor Alexandrina	Diplomă de Onoare pentru contribuții deosebite în promovarea chimiei, Societatea de Chimie din România	2019	20
3.	Petrehele Anda Ioana Grațiela	Diplomă de Onoare pentru contribuții deosebite în promovarea chimiei, Societatea de Chimie din România	2019	20

Total: 60 puncte

ANEXA 6.5. Conducători de doctorat membrii ai unității de cercetare

Nr. crt.	Nume și prenume	Punctaj
1.	BUNGAU SIMONA	10
2.	CAVALU SIMONA	10
3.	CUPSA DIANA	10
4.	MARCU LOREDANA	10
5.	MOCA PASCU CATALIN	10

Total: 50 puncte

ANEXA 6.6 Număr de doctori în știință, membri ai unității de cercetare:

Nr. crt.	Nume și prenume	Titlul tezei susținute	Punctaj
1.	FILIP SANDA MONICA	Studiul prin rezonanță paramagnetică electronică și susceptibilitate magnetică al ionilor de crom, mangan, fier și cupru în matrici oxidice pe bază de Bi ₂ O ₃ și TeO ₂	10
2.	MACOCIAN EUGEN - VICTOR	Studiul proprietăților de transport ale compușilor La _{2-x} Ba _x Cu _{1-y} Zn _y O ₄ și YBa ₂ (Cu _{1-x} Zn _x) ₃ O _{7-δ} sub formă policristalină și de filme subțiri	10
3.	MOCA CĂTĂLIN PAȘCU	Non-Fermi behavior of strongly correlated electron systems	10
4.	FLORA MONICA	Studiul unor proprietati structurale si fizice ale sticlelor din sistemul xMnO·(100-x)[2B ₂ O ₃ ·MO], unde MO este CdO, SrO, PbO sau As ₂ O ₃	10
5.	MARCU LOREDANA	Deterministic modelling of kinetics and radiobiology of radiation-cisplatin interaction in the treatment of head and neck cancers	10
6.	CĂPITANU CARMEN	Studiul unor proprietăți structurale, electrice și magnetice ale unor supraconductori de temperatură critică ridicată de tipul (1:2:3)	10
7.	BEIUȘEANU FLORIAN	Studiul fenomenelor de transport si ale proprietatilor magnetice in supraconductorii de tipul Ru-12n ₂ (n=1,2)	10
8.	HOREA CRISTIAN	Studiul proprietăților structurale și magnetice ale unor sticle oxidice cu ioni ai elementelor de tranziție	10
9.	TODERAȘ MONICA	Studii structurale și magnetice ale sticlelor pe bază de B ₂ O ₃ conținând ioni de fier și mangan	10
10.	CAVALU SIMONA	Studii de spectroscopie RES si Raman ale unor proteine hemice si nehemice	10
11.	FODOR ALEXANDRINA	Utilizarea heteropoliacizilor micști în chimia analitică	10
12.	STĂNĂȘEL OANA DELIA	Studii asupra compoziției chimice a apelor geotermale și monitorizarea depunerilor ce pot apărea în cazul utilizării lor	10
13.	GAVRIȘ GEORGETA	Contribuții la studiul proceselor de valorificare a ionilor metalici din soluții reziduale și deșeuri solide	10
14.	SEBEȘAN MIOARA	Caracterizarea apelor geotermale indigene și monitorizarea depunerilor ce pot apărea în cazul folosirii lor	10
15.	PETREHELE ANDA	Noi polioxometalați de tip keggin cu atomi adenzi micști	10
16.	HODIȘAN SORIN	Utilizarea unor metode cromatografice la separarea si determinarea anumitor compusi farmaceutic activi	10
17.	MORGOVAN CLAUDIA	Contributii la studiul proceselor de valorificare a ionilor metalici proveniti din deseuri ale industriei galvanice sub forma de ingrasaminte cu microelemente	10

18.	BUNGĂU SIMONA	Cinetici de tip Landolt în chimia analitică	10
19.	COZMA ALINA	Studiul lipofilicității unor noi derivați de tiazol și selenazol cu potențial biologic prin cromatografie de lichide cu fază inversă	10
20.	BOTA SANDA	Contribuții la chimia alcaloizilor cinchona	10
21.	CUPSA DIANA	Studiul morfologic, anatomic, faunistic, biologic al Oligochetelor (fam. Naididae și Tubificidae) din bazinul Crișurilor	10
22.	TOMULESCU IOANA	Incidența bolilor genetice într-o populație umană din județul Bihor	10
23.	TELCEAN ILIE	Contribuții la studiul sistemului senzitiv latero-cefalic la unii taxoni de pești teleosteeni și implicațiile sale filogenetice	10
24.	SAMUEL ALINA	Evaluarea microbiologică și enzimologică a efectelor tehnologiilor agricole asupra biologiei solului	10
25.	COVACIU-MARCOV SEVERUS DANIEL	Contribuții la studiul herpetofaunei din Câmpia de Vest și de pe versantul vestic al Munților Apuseni	10
26.	BLIDAR CRISTIAN	Cercetări privind reactivitatea protocormilor de <i>Cymbidium hybridum</i> în vitroculturi bistratificate	10
27.	ȘIPOȘ MONICA	Efectul submersării în azot lichid (-196°C) asupra embrionilor cariopselor de grâu, triticale și de orz	10
28.	CICORT-LUCACIU ALFRED STEFAN	Studii zoogeografice, biologic si, ecologice la specii din Familia Salamandridae din Romania	10
29.	PETRUȘ ADRIANA	Cercetări privind procesele morfofiziologice și biochimice care au loc în decursul aclimatizării plantulelor generate <i>in vitro</i> , la viața în mediul septic	10
30.	FERENȚI SARA	Izopode terestre (Crustacea, Isopoda) din nord-vestul României: cercetări faunistice si ecologice	10

Total: 300 puncte

7. VENITURI REALIZATE PRIN CONTRACTE DE CERCETARE ÎN DOMENIUL PENTRU CARE SE FACE EVALUAREA (în perioada pentru care se face evaluarea)

7.1. NUMĂRUL ȘI VALOAREA CONTRACTELOR DE CERCETARE INTERNAȚIONALE FINANȚATE DIN FONDURI PUBLICE:

Total: 11 contracte, în valoare de 458.850,55 Euro ; 5300 USD ; 27000 RON

7.2. NUMĂRUL ȘI VALOAREA CONTRACTELOR DE CERCETARE INTERNAȚIONALE FINANȚATE DIN FONDURI PRIVATE:

Total: -

7.3. NUMĂRUL ȘI VALOAREA CONTRACTELOR DE CERCETARE NAȚIONALE FINANȚATE DIN FONDURI PUBLICE:

Total: 5 contracte, în valoare de 2.062.000 RON

7.4. NUMĂRUL ȘI VALOAREA CONTRACTELOR DE CERCETARE NAȚIONALE FINANȚATE DIN FONDURI PRIVATE:

Total: -

7.5. ALTE SURSE:

Total: -

7.6. VENITURI REALIZATE DIN ACTIVITĂȚI ECONOMICE (SERVICII, MICROPRODUCȚIE):

Total: -

Total cap.7: 16 contracte în valoare de 458.850,55 EUR, 5300 USD, 2.089.000 RON.

ANEXA 7.1. Numărul și valoarea contractelor de cercetare internaționale finanțate din fonduri publice:

Nr. crt.	Programul / Proiectul		Director contract	Perioada	Valoarea
	Denumirea	Cod contract			
1.	AQUARES - Conservation and protection of ecosystems endangered by lack of thermal and freshwater in crossborder area – ROHU-29	33131/11.05.2018	Director subcontract (pentru partenerul <i>Universitatea din Oradea</i>) Blidar Cristian Membri: Stănășel Oana Delia, Bota Sanda Rodica, Hodișan Sorin, Petrehele Anda Ioana Grațîela	2018-2020	<u>Suma alocată pentru UO:</u> 458.850,55 EUR
2.	ANTREPRENOR PENTRU VIITOR 2019 – 2021, Acronim „AntreV” , Proiect POCU, <i>Proiect cofinanțat din Fondul Social European prin Programul Operațional Capital Uman 2014-2020</i> , Beneficiar: Universitatea din Oradea , Partener: Corporactive Consulting SRL – membru în echipa de proiect.	Cod proiect MySMIS 124167	Director: Căuș Aurel Membru: Cărăban Alina Maria	2019-2021	
3.	Neutrons Spectra by Charge Particles Processes and Analytical Investigations	03-4-1128-2017/2022	Sas-Kovacs Istvan	2020	3.000 USD
4.	Proiect ROSE/- AG204/SGU/NCII/Program de consiliere și tutoriat al studenților de la Facultatea de Protecția mediului a Universității din Oradea (PROTECTSTUDUO)	TPMC 3941/	Simona Bungău - membru în echipa de proiect	2020-2022	
5.	Proiect POCU 122348, <i>Formarea profesională prin activități practice cu scopul creșterii inserției pe piața muncii în domeniul medical – PRACTINDERMED</i>	POCU-122348	Simona Bungău - membru în echipa de proiect	2020	
6.	Proiect ROSE/372/Integrarea cunoștințelor teoretice și practice	ROSE/372	Simona Bungău - membru în echipa de proiect	2020	

	pentru dobândirea competențelor profesionale în domeniul sănătate.				
7.	Proiectul ROSE- <i>Laboratorul de educație și formare antreprenorială; Acord de grant nr. 72/SGU/NC/I; Cadru didactic pentru intervenții remediale în cadrul proiectului ROSE</i>	72/SGU/NC/I	Liliana Doina Măgdoiș - director contract Claudia Morgovan - membru în echipa de proiect	2017 - 2020	
8.	Proiect ROSE <i>Sprrijin pentru studenți în tranziția de la liceu la învățământul terțiar și prevenirea abandonului școlar la Facultatea de Informatică și Științe</i>	AG 203/SGU/NC/II	Mioara Sebeșan - membru în echipa de proiect, Alexandrina Fodor- membru în echipa de proiect	2019-2021	
9.	Proiect CNFIS-FDI-2021-0450 <i>Cercetare, dezvoltare și inovare multidisciplinara pentru specializari inteligente la Universitatea din Oradea, 10 mai 2021-17 decembrie 2021</i>	CNFIS-FDI-2021-0450	Simona Bungău - membru în echipa de proiect	2021	
10.	INNO -Transfer-UO, Nr.327/21.12.2021, <i>Eco-inhibitor pentru controlul și managementul coroziunii unor metale și aliaje în medii apoase.</i>	327/21.12.2021	Sanda Rodica Bota - membru în echipa de proiect	2021-2022	27000
11.	Innovative environmental heavy metal and radiochemical research program	Theme code: 03-4-1128-2017/2022, poziția nr.80 din Ordinul 365/11.05.2021 Priority: 01	Cupsa Diana	Aprilie-decembrie 2021	2.300 USD

ANEXA 7.3. Numărul și valoarea contractelor de cercetare naționale finanțate din fonduri publice:

Nr.	Programul / Proiectul	Director contract	Perioada	Valoarea

crt.	Denumirea	Cod contract			[RON]
1.	Dinamica de neechilibru a sistemelor puternic corelate	PN-III-P4-ID-PCE-2016-0032	Moca Pascu Catalin	2017-2019	850.000
2.	Dinamica si inseparabilitate in sisteme corelate	PN-III-P4-ID-PCE2020-0277	Moca Pascu Catalin	2020-2022	1.200.000
3.	<i>Titlul proiectului: Sprijin pentru studenți în tranziția de la liceu la învățământul terțiar și prevenirea abandonului școlar la Facultatea de Informatică și Științe,</i> PROIECT PRIVIND ÎNVĂȚĂMÂNTUL SECUNDAR (ROSE), SCHEMA DE GRANTURI PENTRU UNIVERSITĂȚI, Beneficiar: Universitatea din Oradea, Facultatea de Informatică și Științe	Acord de grant 203/SGU/NC/II	Director: Macocian Eugen Victor Membri: Fodor Alexandrina, Sebeșan Mioara	2020-2021	
4.	<i>Titlul proiectului: Laboratorul de educație și formare antreprenorială</i> PROIECT PRIVIND ÎNVĂȚĂMÂNTUL SECUNDAR (ROSE), SCHEMA DE GRANTURI PENTRU UNIVERSITĂȚI, Beneficiar: Universitatea din Oradea	Acord de grant 72/SGU/NC/I	Director: Măgdoiș Liliana Doina Membru: Morgovan Claudia Mona	2017-2020	
5.	Proiect Științescu, "Elixir pentru sănătate" organizat de Colegiul Național "Mihai Eminescu" Oradea, în parteneriat cu Universitatea din Oradea, departamentele de chimie și biologie.	contract nr. 4120/13.02.2023	Prof. dr. Maghiar Ramona	07.02-15.06.2023	12000

ANEXA 7.4. Numărul și valoarea contractelor de cercetare naționale finanțate din fonduri private

Nr. crt.	Programul / Proiectul		Director contract	Perioada	Valoarea [RON]
	Denumirea	Cod contract			
1.					

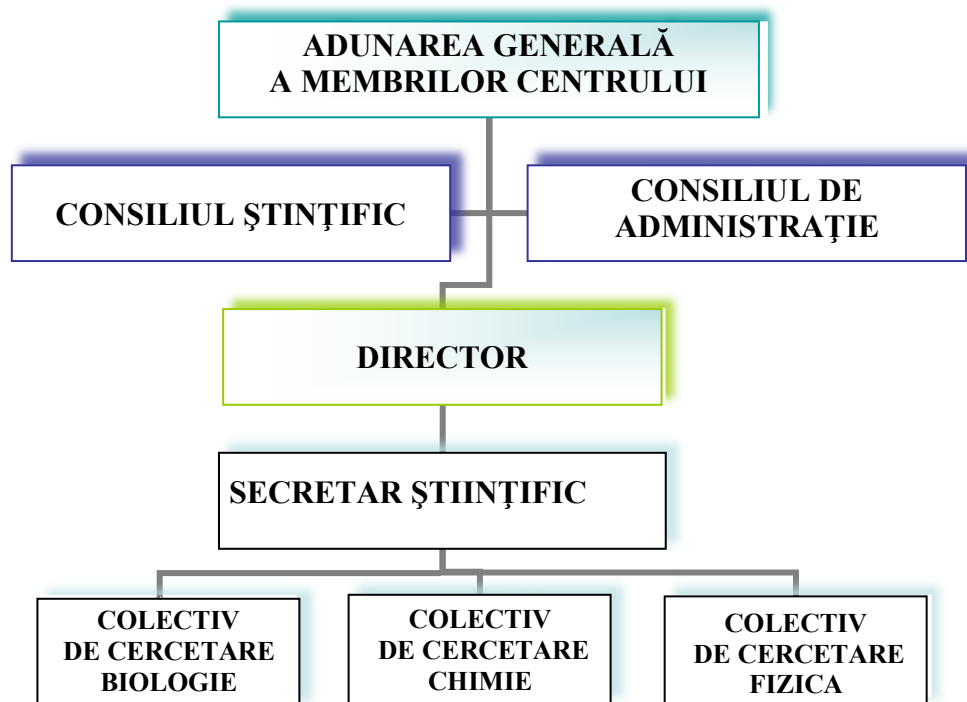
7.6. VENITURI REALIZATE DIN ACTIVITĂȚI ECONOMICE (SERVICII, MICROPRODUCȚIE):

Contracte de cercetare internaționale finanțate din fonduri publice	Numărul	Valoarea [EUR/RON]

8. RESURSA UMANĂ DE CERCETARE

8.1 ORGANIGRAMA DE FUNCȚIONARE A CENTRULUI

Organigrama CCFM descrie organizarea centrului de cercetare în acord cu statutul acestuia:



8.2. STRUCTURA DE PERSONAL

Echipa centrului este formată din biologi, chimisti și fizicieni, cadre didactice membri ai Departamentelor de Biologie, Chimie și Fizică, sau ai altor structuri din cadrul Universității. Situația pe grade didactice / de cercetare a membrilor centrului este indicată în tabelele următoare:

Echipa de Biologie

Nr. crt.	Nume si prenume	Gradul didactic / de cercetare
1	CUPSA DIANA	Prof. univ. dr. / CS I
2	TOMULESCU IOANA	Conf. univ. dr. / CS II
3	TELCEAN ILIE	Conf. univ. dr. / CS II
4	COVACIU-MARCOV SEVERUS-DANIEL	Conf. univ. dr. / CS II
5	SAMUEL ALINA	Şef lucr. dr. / CS III
6	BLIDAR CRISTIAN	Şef lucr. dr. / CS III
7	ŞIPOŞ MONICA	Şef lucr. dr. / CS III
8	PETRUŞ ADRIANA	Şef lucr. dr. / CS III
9	CICORT-LUCACIU ALFRED-STEFAN	Şef lucr. dr. / CS III
10	FERENȚI SARA	Şef lucr. dr. / CS III

Echipa de Chimie

Nr.crt.	Nume şi prenume	Gradul didactic / de cercetare
1.	BUNGĂU SIMONA	Profesor univ. dr. habil/ CS I
2.	STĂNĂŞEL OANA	Conf. univ. dr. ing. / CS II
3.	FODOR ALEXANDRINA	Conf. univ. dr. / CS II
4.	GAVRIŞ GEORGETA	Conf. univ. dr. ing./ CS II
5.	MORGOVAN CLAUDIA	Şef lucr. dr. ing/ CS III
6.	HODIŞAN SORIN	Şef lucr. dr. ing/ CS III
7.	SEBEŞAN MIOARA	Şef lucr. dr. ing/ CS III
8.	COZMA ALINA	Şef lucr. dr. / CS III
9.	BOTA SANDA	Şef lucr. dr. ing / CS III
10.	PETREHELE ANDA	Şef lucr. dr. / CS III

Echipa de Fizică

Nr. crt.	Nume şi prenume	Gradul didactic / de cercetare
1.	FILIP SANDA MONICA	Prof. univ. dr. / CS I
2.	MACOCIAN EUGEN-VICTOR	Prof. univ. dr. / CS I
3.	MOCA PAŞCU CĂTĂLIN	Prof. univ. dr. / CS I
4.	CAVALU SIMONA	Prof. univ. dr. / CS I
5.	MARCU LOREDANA	Prof. univ. dr. / CS I
6.	FLORA MONICA	Şef lucr. dr. / CS III
7.	CĂPITANU CARMEN	Şef lucr. dr. / CS III
8.	BEIUŞEANU FLORIAN	Şef lucr. dr. / CS III
9.	TODERAŞ MONICA	Şef lucr. dr. / CS III
10.	HOREA CRISTIAN	Şef lucr. dr. / CS III

Studenti şi personal auxiliar

Nr. crt.	Nume si prenume	Gradul didactic / de cercetare

1.	MANGRA MAXIMILIAN	Student Master
2.	MAIER ALEXANDRA MARIA	Student Master
3.	POP RAZVAN DANIEL	Student doctorand
4.	DUMBRAVA AMALIA	Student doctorand

În conformitate cu datele prezentate în tabel, rezultă următoarea situație:

**TOTAL PERSONAL DE CERCETARE CARE REALIZEAZĂ VENITURI
DIN ACTIVITATEA DE CERCETARE-DEZVOLTARE/DIN CARE DOCTORI
ÎN ȘTIINȚĂ: 34 / 30**

- 8.2.1. Cercetători științifici gradul 1 (profesori)/din care doctori în știință: 7 / 7
- 8.2.2. Cercetători științifici gradul 2 (conferențieri)/din care doctori în știință: 6 / 6
- 8.2.3. Cercetători științifici gradul 3 (șefi lucrări)/din care doctori în știință: 17 / 17
- 8.2.4. Cercetători științifici/din care doctori în știință: - / -
- 8.2.5. Asistenți de cercetare: 4 / -
- 8.2.6. Total personal auxiliar de cercetare angajat: - / -

8.3. DATE PRIVIND PERFEȚIONAREA RESURSEI UMANE

8.3.1 Număr de doctoranzi și masteranzi care lucrează în unitatea de cercetare-dezvoltare la data completării formularului: 4

8.3.2 Număr de teze de doctorat realizate în unitatea de cercetare-dezvoltare în perioada pentru care se face evaluarea (în conformitate cu datele din Anexa 6.6): 2.

Ocuparea cu personal a posturilor din organigramă este descrisă în anexa 8.

Anexa 8 Ocuparea cu personal a posturilor din organigrama centrului de cercetare

Poziția în organigramă	Nume și prenume
DIRECTOR	Prof. univ. dr. MARCU LOREDANA
SECRETAR ȘTIINȚIFIC	Sef lucr. dr. FERENTI SARA
CONSILIUL ȘTIINȚIFIC	Conf. univ. dr. TELCEAN ILIE
	Șef lucr. dr. PETRUȘ ADRIANA
	Prof. univ. dr. BUNGĂU SIMONA
	Prof. univ. dr. MACOCIAN EUGEN-VICTOR
	Prof. univ. dr. MOCA PASCU
CONSILIUL DE ADMINISTRAȚIE	Sef lucr. dr. CICORT-LUCACIU ALFRED
	Sef lucr. dr. ing. SEBEȘAN MIOARA
	Sef lucr. dr. BEIUȘEANU FLORIAN
DIRECTOR COLECTIV DE CERCETARE <i>BIOLOGIE</i>	Prof. univ. dr. CUPȘA DIANA
DIRECTOR COLECTIV DE CERCETARE <i>CHIMIE</i>	Conf. univ. dr. STĂNĂȘEL OANA
DIRECTOR COLECTIV DE CERCETARE <i>FIZICA</i>	Prof. univ. dr. FILIP SANDA MONICA

9. INFRASTRUCTURA DE CERCETARE – DEZVOLTARE

9.1 LABORATOARE DE CERCETARE – DEZVOLTARE

Biologie

Nr. crt.	Denumirea laboratorului	Suprafața (m ²)	Grad de ocupare pentru cercetare (%)
1	Laborator de Zoologia vertebratelor, Ecologie, Hidrobiologie	38 m ²	10
2	Laborator de Zoologia nevertebratelor, Entomologie	28 m ²	60
3	Laborator de Fiziologia Plantelor	34,3 m ²	25
4	Laborator de Microscopie	25 m ²	40
5	Laborator de Anatomie și fiziologie animală și umană	31 m ²	10

Chimie

Nr.crt.	Denumirea laboratorului (sala)	Cod sală
1	Laborator Chimie analitică calitativă și cantitativă, Separatologie analitică	B009
2	Laborator Chimie generală, Electrochimie	B010
3	Laborator Chimie anorganică, Bioanorganică, Chimia combinațiilor complexe	B011
4	Laborator Tehnologie chimică, Chimia mediului	B012
5	Laborator Chimie organică, Biochimie	B115
6	Laborator Chimie analitică instrumentală, Chimie fizică	B116
7	Sala de balanțe	B117
8	Sala de dezagregări	B119
9	Laborator Spectroscopie, Cromatografie de înaltă performanță	B122
10	Laborator Chimie computațională	B123

Fizica

Nr. crt.	Denumirea laboratorului	Cod sală	Suprafața (m ²)
1.	Laborator de cercetare pentru simulări numerice în Fizica solidului și Fizica medicală	C 203 bis	14.07
2.	Laborator de cercetare în Fizica materialelor, Fizica moleculei și Fizică medicală	C 207	16.97
3.	Laborator de cercetare a proprietăților filmelor subțiri	B209	14.05
4.	Laborator de cercetare în tehnologie didactică și e-learning	B 209 bis	10.00

9.2. LISTA ECHIPAMENTELOR PERFORMANTE ACHIZIȚIONATE ÎN ULTIMII 10 ANI

Laborator de Microscopie

Nr. crt.	Echipamentul	Anul achiziției	Nr. buc.	Sursa de finanțare a investiției
1	Microscop	2008	10	Bugetul de stat
2	Stereomicroscop	2008	10	Bugetul de stat
3	Microscop cercetare	2014	1	Proiect Hu-Ro
4	Stereomicroscop	2014	1	Proiect Hu-Ro
5	Microscop inversat	2014	1	Proiect Hu-Ro
6	Sistem de micromanipulare pentru microscop	2014	1	Proiect Hu-Ro

Laborator de Anatomie și fiziologie animală și umană

Nr. crt.	Echipamentul	Anul achiziției	Nr. buc.	Sursa de finanțare a investiției
1	Electromiograf	2008	1	Bugetul de stat
2	Electrocardiograf	2008	1	Bugetul de stat
3	Aparat de măsurare a ratei umane respiratorii	2008	1	Bugetul de stat
4	Aparat electric electronarcoza	2014	1	Proiect Hu-Ro

Laborator de Fiziologia Plantelor

Nr. crt.	Echipamentul	Anul achiziției	Nr. buc.	Sursa de finanțare a investiției
1	Balanta tehnica	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
2	Cronometru analog de masa	2011	2	POSDRU/CPP 107/DMI 1.5/S/77082/2010
3	Lampă bactericida 30 W, pe suport mobil	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
4	hota cu flux laminar	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
5	Pompa de vid	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
6	Baie de ultrasunete	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
7	Adaptator camera foto	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
8	Cuva electroforeza	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
9	Aparat climatizare	2011	1	POSDRU/CPP 107/DMI

				1.5/S/77082/2010
10	IMPRIMANTA Multifunctional HP Officejet 6500A Plus All-in-One	2011	2	POSDRU/CPP 107/DMI 1.5/S/77082/2010
11	IMPRIMANTA HP OFFICEJET H470	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
12	Notebook Lenovo thinkpad Edge 13	2011	6	POSDRU/CPP 107/DMI 1.5/S/77082/2010
13	Vidoeaproiector BenQ MS 510	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
14	SISTEM DESKTOP	2011	2	POSDRU/CPP 107/DMI 1.5/S/77082/2010
15	MONITOR LCD-TFT 19 INCH	2011	2	POSDRU/CPP 107/DMI 1.5/S/77082/2010
16	Mini scanner portabil A4 Easypix	2011	1	POSDRU/CPP 107/DMI 1.5/S/77082/2010
17	Sistem de determinare BOD	2014	1	Proiect Hu-Ro
18	Sistem multiparametru HI9829	2014	1	Proiect Hu-Ro
19	Algae Torch; BBE	2014	1	Proiect Hu-Ro
20	Bentho Torch BBE	2014	1	Proiect Hu-Ro
21	Distilator / bidistilator	2018	1	Interreg V-A Romania-Hungary
22	Balanta analitica	2018	1	Interreg V-A Romania-Hungary
23	Multiparametru portabil	2018	1	Interreg V-A Romania-Hungary
24	Spectrofotometru UV-VIS	2018	1	Interreg V-A Romania-Hungary
25	Traductor de intensitate luminoasa	2018	1	Interreg V-A Romania-Hungary
26	Agitator magnetic cu incalzire	2018	1	Interreg V-A Romania-Hungary
27	Baie ultrasonica	2018	1	Interreg V-A Romania-Hungary

Laboratoare chimie

Nr.crt.	Echipamentul	Anul achiziției	Valoarea	Sursa de finanțare a investiției
1.	Imprimanta laser jet HP Color – 2 buc.	2008	3600	Programul pt. dotarea laboratoarelor pt.studiile de licență
2.	HPLC – cromatograph – 1 buc.	2008	37.272	Programul pt. dotarea laboratoarelor pt.studiile de licență
3.	Multimetru de laborator	2008	60000	Contract de cercetare nr.74/9.06.2008
4.	Agitator magnetic	2008		
5.	Balanță precizie	2011		

6.	Baie de apă	2011		Proiect HURO 0901/086
7.	Spectrofotometru UV-VIS cu accesorii	2011		
8.	Multifunctionala	2011	1799	HURO 0901/086.2.2.2
9.	Linie ELIZA (spectrofotometru UVVIS, cititor ELIZA, incubator cu agitare in plan)	2011	45000	HURO 0901/086.2.2.2
10.	Laptop DELL	2012	3500	HURO 0901/086.2.2.2
11.	Rotavapor (Omogenizator)	2012	2500	HURO 0901/086.2.2.2
12.	Micropipeta 100-1000 µl	2012	700	HURO 0901/086.2.2.2
13.	Micropipeta 10-100 µl	2012	700	HURO 0901/086.2.2.2
14.	Interferometru UV-VIS-NIR	2012	11705 euro	Proiect Huro 1001/121/2.2.2 BIOETHANOL
15.	Fibra optica	2012	1950 euro	Proiect Huro 1001/121/2.2.2 BIOETHANOL
16.	Spectrofotometru cu absorbție atomică cu flacără și cuptor de grafit	2018	467,551.00	Proiect Ro-Hu
17.	Sistem cromatograf de schimb ionic	2018	243,656.07	Proiect Ro-Hu
18.	Nișă chimică cu exhaustare și sistem de stocare substanțe agresive	2018	101,376.10	Proiect Ro-Hu
19.	Baie termostată RAYPA	2018	4768.33	Proiect Ro-Hu
20.	Balanță analitică cu dublă precizie	2018	21,748.44	Proiect Ro-Hu
21.	Agitator magnetic cu încălzire IKA	2018	8,337.73	Proiect Ro-Hu
22.	Titratore potențimetric / titrator det. umiditate metoda Karl Fischer	2018	62,286.98	Proiect Ro-Hu
23.	Sistem de obținere a apei distilate si bidistilate	2018	35,163.19	Proiect Ro-Hu
24.	Sistem filtrare vid	2018	9,569.62	Proiect Ro-Hu

Laboratorul de cercetare pentru simulări numerice în Fizica solidului și Fizică medicală (C 203 bis) conține o rețea cu 36 posturi în care se efectuează cercetări teoretice

în domeniul semiconductorilor cu proprietăți magnetice, transport în sisteme cu dimensionalitate redusă, spintronică, supraconductibilitate de temperaturi înalte, precum și calcule ab-initio. De asemenea, laboratorul permite simularea Monte-Carlo a comportamentului tumoral ca răspuns la diferite regimuri de tratament. Dotarea laboratorului este indicată în tabelul următor:

Nr. crt.	Denumire dotare	Nr. buc.	Achiziționate în ultimii 10 ani
1.	Server, tip tip Pentium IV Intel 3000+, HDD 2TB , 2GB RAM.	1	Da, din proiecte CNCISIS
2.	Rețea calculatoare tip Pentium IV Intel , 3000+, 512 MB RAM	19	Da, din proiecte CNCISIS
3.	Rețea calculatoare tip Pentium IV Intel 3000+, 512 MB RAM	16	Da, din proiecte CNCISIS
4.	Imprimanta HP LaserJet 2015	1	Da, din proiecte CNCISIS
5.	Monitor LCD 19’’	2	Da, din proiecte CNCISIS

Rețeaua este configurată sub LINUX și permite rularea programelor atât serial cât și paralel. Software instalat: librării LAPACK, SCALAPACK (folosite pentru diagonalizări), LMTO, SIESTA (folosite pentru calcule de structuri de benzi), NRG (calculul conductivităților pentru nanostructuri-quantum-dot-uri), MPI (librărie pentru calcul paralel), GRID-ENGINE (software pentru distribuirea în rețea a rulării programelor), OCTAVE (analiza de date similar MATLAB, dar cu licență GNU)

Laboratorul de cercetare în Fizica moleculei și Fizică medicală (C 207) conține o rețea cu 11 posturi în care se efectuează cercetări teoretice în domeniul fizicii materialelor, a fizicii moleculei și biomaterialelor. Aparatura de laborator cuprinde: presă hidraulică și cuptor de calcinare pentru obținerea probelor solide, precum și spectrofotometre în vizibil, infraroșu și ultraviolet. Acestea permit efectuarea de cercetări în domeniul fizicii moleculei (structură și dinamică moleculară, benzi de energie) și în domeniul fizicii biomedicale și a biomaterialelor (puritatea materialelor biologice și farmaceutice, studii de structură și puritate ADN, proteine, etc). Dotarea cuprinde:

a) Tehnica de calcul

Nr. crt.	Denumire dotare	Nr. buc.	Achiziționate în ultimii 10 ani

1	Rețea PC Pentium IV, HDD 80 GB, 512 MB RAM, Monitor Philips CRT 17”	11	Da, din proiect PHARE
2	Imprimantă Minolta Page Pro 6	1	-
3	Scanner Benq	1	-

b) Aparatură de laborator

Nr. crt.	Denumire dotare	Nr. buc.	Achiziționate în ultimii 10 ani
1	Spectrofotometru în infraroșu cu transformata Fourier (FTIR) SHIMADZU IR PRESTIGE 21	1	Da, din proiecte de dotare ale MEC
2	Spectrofotometru în vizibil și ultraviolet (UV-VIS) SHIMADZU UV-2450	1	Da, din proiecte de dotare ale MEC
3	Software specializat pentru analize complexe ale spectrelor și datelor	1	Da, din proiecte de dotare ale MEC
4	Cuptor de calcinare cu control programat al regimului termic în domeniul 30-3000°C și sistem de alimentare cu gaz NABERTHERM LHT 02/16-C42	1	Da, din proiecte de dotare ale MEC
5	Presa hidraulică pentru pastilare probe solide BERNARDO WK-10	1	Da, din proiecte de dotare ale MEC

Laboratorul de cercetare a proprietăților filmelor subțiri (B209) permite obținerea unor filme din diferiți compuși prin depunere în vid sau atmosferă controlată și măsurarea unor proprietăți electrice, magnetice și de transport ale acestora.

Nr. crt.	Denumire dotare	Nr. buc.	Achiziționate în ultimii 10 ani
1	Instalație depunere	1	Da, din proiecte de dotare ale MEC
2	Pompă de vid	1	Da, din proiecte de dotare ale MEC
3	Electromagnet (10 A, 5T)	1	Da, din proiecte de dotare ale MEC
4	Aparate de măsură	4	Da, din proiecte de dotare ale MEC
5	stație Pentium2, 450MHz, 64MB RAM	1	Da, din proiecte de dotare ale MEC
6	Imprimantă HP4P	1	

Laborator de cercetare didactică și e-learning este dedicat aplicării tehnologiilor didactice moderne, având dotarea:

Nr. Crt.	Denumire dotare	Nr. buc.	Achiziționate în ultimii 10 ani
1	Sistem Athlon 64 3500+MHz, 512 MB RAM, 80 GB HDD, Monitor 17'' LCD	2	Da, din proiecte de dotare ale MEC
2	Sistem PI, 133 MHz, 4 GB HDD, Monitor 15'' CRT	8	Da, din proiecte de dotare ale MEC
3.	Videoproiector Panasonic	1	Da, din proiecte de dotare ale MEC

Pe lângă dotarea din laboratoarele propriu-zise de cercetare, laboratoarele didactice ale Departamentului de Fizică au fost utilizate cu aparatură nouă prin programele de dotare ale MEC, această aparatură putând completa dotările laboratoarelor de cercetare. La nivelul departamentului se mai află și următoarele dotări auxiliare:

Nr. Crt.	Denumire dotare	Nr. buc.	Achiziționate în ultimii 10 ani
1.	Laptop Fujitsu-Siemens	3	Da, din proiect PHARE
2.	Laptop Toshiba Satelitte	2	Da, din proiecte de dotare ale MEC
3.	Laptop Toshiba	1	Da, din proiect CNCSIS
4.	Imprimantă laser B/W Canon Bizhub 210	1	Da, din proiecte de dotare ale MEC
5.	Imprimantă laser color Hewlett-Packard	1	Da, din proiecte de dotare ale MEC
6.	Videoproiector Panasonic	1	Da, din proiecte de dotare ale MEC
7.	Ecran proiecție	3	Da, din proiecte de dotare ale MEC

10. CENTRALIZATOR PUNCTAJ CENTRU DE CERCETARE

Capitol	Paragraf	Subparagraf	Punctaj	Punctaj / membru
4				
	4.1			
		4.1.1	15690	
		4.1.2	10975	
		4.1.3	68760	
	Total punctaj 4.1.		95425	
	4.2			
		4.2.1	30	
		4.2.2	-	
	Total punctaj 4.2.		30	
	4.3			
		4.3.1	20	
	Total punctaj 4.3		20	
Total punctaj cap. 4			95475	3183
5				
	5.1		325	
	5.2		105	
	5.3		-	
Total punctaj cap. 5			430	14,3
6				
	6.1		5200	
	6.2		-	
	6.3		-	
	6.4		60	
	6.5		50	
	6.6		300	
Total punctaj cap. 6			5610	187
Punctaj general centru			101.515	3384

Director centru de cercetare :

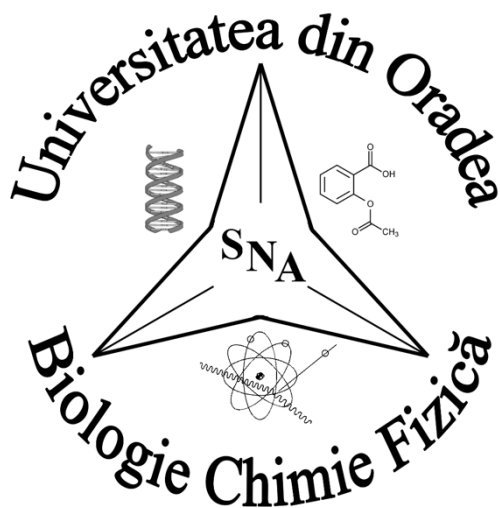
Prof. univ. dr. Loredana Marcu



MODUL DE ORGANIZARE ȘI STATUTUL DE FUNCȚIONARE AL CENTRULUI DE CERCETARE „ȘTIINȚE NATURALE APLICATE”

1. DENUMIREA, PARTICIPANȚI, STRUCTURA, FORMA JURIDICĂ, SEDIUL, DURATA DE ACTIVITATE

1.1 Centrul de Cercetare este denumit: „Centrul de Cercetare în Științe Naturale Aplicate” având acronimul SNA și sigla:



1.2 În cadrul centrului activează cadre didactice, cercetători și studenți cu preocupări de cercetare în domeniile Biologiei, Chimiei și Fizicii.

1.3 Centrul de cercetare „Științe Naturale Aplicate” se constituie ca unitate academică de cercetare, fără personalitate juridică, în cadrul Facultății de Științe, Universitatea din Oradea, în baza Hotărârii Senatului Universității, fiind reprezentat în plan juridic prin intermediul universității. El reprezintă o organizație profesională neguvernamentală, cu caracter educațional și științific.

1.4 Sediul centrului este în cadrul Universității din Oradea, Str. Universității Nr. 1, 410087 Oradea, Jud. Bihor, România.

1.5 Centrul se constituie pe o perioada nedeterminată.

2. NECESITATEA CONSTITUIRII, SCOPUL ȘI OBIECTIVELE CENTRULUI DE CERCETARE

2.1 Necesitatea organizării centrului ca structură distinctă rezidă din nevoia de a se asigura o mai bună organizare a activității de cercetare, precum și a activităților conexe: colaborarea cu alte centre din țară și străinătate, atragerea de fonduri pentru finanțarea cercetării și implicarea studenților în activitatea de cercetare.

2.2 Scopul centrului de cercetare constă în promovarea cercetării fundamentale și aplicative performante, în domeniile biologiei, chimiei și fizicii precum și în stimularea cercetării studențești. Pentru îndeplinirea acestuia, centrul își propune următoarele obiective:

- asigurarea unui mediu propice pentru desfășurarea unei activități de cercetare științifică performantă;
- dezvoltarea infrastructurii, a bazei materiale pentru cercetare, precum și diversificarea mijloacelor de informare;
- oferirea cadrului pentru schimbul de idei și rezultate între membrii centrului, prin organizarea de colocvii și seminarii;
- organizarea de manifestări științifice precum și încurajarea membrilor de a participa la astfel de manifestări organizate de alte instituții;
- identificarea surselor de finanțare pentru proiecte de cercetare precum și susținerea propunerilor de proiecte și granturi la nivel național și internațional;
- stimularea colaborării și a schimbului de idei între specialiștii în domeniu din cadrul centrului, și atragerea lor în formarea unor echipe în cadrul unor proiecte comune de cercetare;
- colaborarea științifică cu alte centre din țară și străinătate pe baza unor acorduri bilaterale sau în cadrul unor programe naționale sau internaționale;
- stimularea cercetării studențești și sprijinirea instituțională a formării cadrelor de cercetare din rândul tinerei generații;

2.3 Cercetarea în cadrul centrului este axată în principal pe următoarele teme:

Biologie:

- inițierea de culturi de celule vegetale și subcultivarea lor pe medii variate
- înlăturarea hiperhidriei din vitrocultură
- analizarea reactivității plantelor în vitrocultură, în condiții variate de mediu
- identificarea substraturilor optime de aclimatizare pentru plante
- stabilirea condițiilor optime pentru multiplicarea rapidă „in vitro” a speciilor de salcie și plop, cu scopul aclimatizării și obținerii de biomasă vegetală, ca sursă de energie
- micropropagarea, conservarea „in vitro” și aclimatizarea unor specii vegetale pe cale de dispariție,
- studiul organismelor acvatice (bentos, ihtiofaună) și a factorilor de mediu care-i influențează
- studii de enzimologie a solului
- studiul influenței apelor termale asupra biologiei și ecologiei amfibienilor
- cartarea faunei de amfibieni și reptile din țară
- cercetarea spectrului trofic al unor amfibieni, a hibridismului și fiziologiei acestora.

Chimie:

- sinteza unor compuși anorganici cu structură complexă;
- sinteza și identificarea unor compuși organici și urmărirea mecanismelor de reacție;
- identificarea și dozarea unor compuși chimici organici și anorganici cu impact asupra mediului și organismelor vii, precum și dezvoltarea unor metode de recuperare și îndepărtare a lor,
- coroziunea și protecția anticorozivă, comportarea la coroziune și pasivare a unor sisteme metal/mediu, protecția anticorozivă cu ajutorul inhibitorilor și a stratelor de conversie;
- monitorizarea compoziției chimice a apelor geotermale și a apelor uzate rezultate din diverse procese tehnologice;

- identificarea și separarea unor compuși biologic activi prin metode cromatografice de înaltă performanță;
- aplicarea unor tehnici moderne de interferometrie cu laser în domeniul chimiei alimentare.

Fizică:

- studii teoretice în radioterapie oncologică prin simularea Monte Carlo a creșterii tumorilor, modelarea tratamentelor radioterapeutice și studiul efectelor tratamentelor asupra comportamentului tumoral,
- studiul aspectelor dozimetrice în brahiterapia cancerelor de prostată,
- studii de biofizică moleculară și medicală: abordarea aspectelor de principiu în tehnici de voltage și patch - clamp, măsurarea curenților electrici printr-un singur canal ionic, imagerie confocală, cuplaj excitație-contrație în mușchiul striat,
- investigații spectroscopice ale unor complecși de interes biologic, prin metode spectroscopice: UV-VIS, FTIR, RAMAN, RES,
- imagistică medicală: PET/CT, IRM
- studiul proprietăților materialelor supraconductoare cu temperatura critică de tranziție ridicată (HTS), sub formă policristalină sau de filme subțiri,
- studiul proprietăților materialelor oxidice vitroase,
- studiul teoretic al proprietăților magnetice, optice și de transport în semiconductori, și semiconductori magnetici diluați.
- fenomene de transport de sarcină și de spin, spintronică și fenomene asociate.
- fenomene de transport în quantum-dot-uri, quantum-wire și nanotuburi de carbon, modelate folosind metode numerice, în particular metoda grupului de renormare numerică,
- modelarea teoretică și numerică a proprietăților sistemelor supraconductoare cu temperatură critică de tranziție ridicată,
- modelarea teoretică și numerică a structurii electronice a sistemelor puternic corelate,
- studiul structurii electronice a heterostructurilor semiconductoare și half-metalice

- studii dozimetrice asupra radonului,
- studierea in - situ a procesului de oxidare a aliajelor metalice in diferite condiții de temperatură și presiune,
- studii de metodică și didactică în predarea și învățarea fizicii, fizica și tehnologiile educaționale moderne.

3. OBIECTUL DE ACTIVITATE

Cercetarea științifică interdisciplinară în domeniile Biologiei, Chimiei și Fizicii.

4. MEMBRII CENTRULUI. PRINCIPII DE ORGANIZARE ȘI FUNCȚIONARE.

4.1 Membrii fondatori ai Centrului de Cercetare sunt cadre didactice titulare ale Facultății de Științe din cadrul Universității din Oradea semnatare ale actului de constituire a centrului.

4.2 Membru al Centrului de Cercetare poate deveni orice persoană fizică cu competențe profesionale și aptitudini de cercetare în domeniile biologiei, chimiei și/sau fizicii, care fiind de acord cu prevederile statutului își exprimă intenția de aderare sub formă de cerere scrisă. Cererea de primire ca membru al Centrului este aprobată prin vot secret de Adunarea Generală a membrilor centrului, cu majoritate simplă de voturi.

4.3 Centrul poate desemna membri de onoare, persoane fizice din țară și străinătate, care prin activitatea lor contribuie la dezvoltarea centrului și creșterea prestigiului său.

4.4 Toți membrii centrului au drepturi egale în ceea ce privește accesul la infrastructura centrului și tuturor le revine în egală măsură îndatorirea de a asigura în bune condiții funcționarea sa.

4.5 Orice membru al Centrului poate renunța la calitatea sa de membru în urma unei cereri scrise.

4.6 Calitatea de membru poate fi retrasă numai în cazuri deosebite, prin decizia Adunării Generale, luată prin vot secret cu un număr de voturi egal cu 2/3 din numărul membrilor Centrului.

4.7 Centrul are următoarele organisme de conducere, coordonare și administrare:

- Adunarea Generală ca for suprem de conducere

- Consiliul Științific și Consiliul de Administrație ca foruri de coordonare și administrare

- Directorul Centrului și Secretarul științific ca funcții de execuție

4.8. Adunarea generală cuprinde toți membrii Centrului de Cercetare și are următoarele competențe:

- modificarea Statutului Centrului
- primirea de noi membri
- desemnarea membrilor de onoare
- excluderea membrilor din Centru
- numirea și revocarea tuturor celorlalte persoane și organisme de conducere și administrare

- validarea sau invalidarea deciziilor Consiliului de Administrație
- aprobarea Planului anual de administrare a fondurilor Centrului

Adunarea generală se convoacă ședință ordinară odată pe semestru, sau în ședință extraordinară la propunerea a cel puțin 1/3 dintre membrii Centrului.

Ședința Adunării Generale este prezidată de către Directorul Centrului. Ea este considerată legal constituită dacă sunt prezenți 2/3 din totalul membrilor Centrului. Deciziile sunt luate cu majoritate simplă de voturi, în afara cazurilor expres menționate în prezentul statut.

4.9. Consiliul Științific este format din 3-5 membri și este ales pentru un mandat de 4 ani de Adunarea Generală. Directorul Centrului și Secretarul științific sunt membri de drept ai Consiliului Științific. Atribuțiile Consiliului Științific sunt următoarele:

- stabilirea politicilor și obiectivelor științifice ale Centrului
- avizarea internă, pe faze, a contractelor de cercetare și a documentației oficiale cu caracter științific schimbate cu exteriorul
- avizarea cererilor de primire de noi membri
- recomandarea desemnării membrilor de onoare

Consiliul Științific este prezidat de Decanul de vârstă al Consiliului. Ședința consiliului este considerată legal constituită dacă sunt prezenți 2/3 din totalul membrilor. Deciziile sunt luate cu majoritate simplă de voturi.

4.10. Consiliul de Administrație este format din Directorul Centrului, Secretarul științific, și directorii sau responsabili de contracte / granturi. El are următoarele atribuții:

- întocmirea Planului anual de administrare a fondurilor Centrului de Cercetare și urmărirea ducerii lui la îndeplinire
- identificarea surselor de finanțare a activităților de cercetare ale Centrului
- luarea măsurilor necesare pentru buna desfășurare a activității Centrului
- coordonarea manifestărilor organizate de Centru
- gestionarea aspectelor legate de colaborările cu alte entități externe și promovarea imaginii centrului

Ședința Consiliului de Administrație este legal constituită dacă sunt prezente 2/3 din persoanele care fac parte din Consiliul. Deciziile Consiliului de Administrație sunt luate cu majoritatea simplă de voturi a membrilor Consiliului.

4.11. Directorul Centrului este ales pentru un mandat de 4 ani de către Adunarea Generală a membrilor Centrului. Directorul Centrului trebuie să aibă gradul didactic de profesor sau conferențiar universitar. Atribuțiile Directorului Centrului de Cercetare sunt:

- gestionarea problemelor curente
- reprezentarea Centrului în relația cu Universitatea
- reprezentarea Centrului în relațiile cu alte entități de cercetare, de învățământ și din țară și străinătate.

4.12. Secretarul științific al Centrului este ales pentru un mandat de 4 ani de către Adunarea Generală a membrilor Centrului. Secretarul științific trebuie să aibă titlul de doctor în științe. Atribuțiile Secretarului științific al Centrului sunt următoarele:

- întreținerea bazei de date și a documentației cu privire la activitatea științifică și economico-administrativă a centrului: situația economico-financiară, rapoarte de activitate, publicații
- preluarea prin delegare a atribuțiilor Directorului Centrului în absența acestuia

5. PATRIMONIUL CENTRULUI DE CERCETARE

Patrimoniul Centrului de Cercetare este constituit din baza materială a Universității din Oradea ca persoană juridică, constând din:

- laboratoarele de cercetare și sălile arondate Departamentelor de Biologie, Chimie și Fizică;
- infrastructura, aparatura și echipamentele aferente acestora;
- accesul la utilitățile aferente: electricitate, apă curentă;
- accesul la facilități de comunicații (telefonie, internet) și informare (biblioteca Universității și cea a Departamentelor);
- aparatura și echipamentele obținute ca urmare a finanțării unor proiecte de cercetare ale membrilor Centrului;
- aparatura și echipamentele obținute de către membrii centrului în urma unor donații;

6. REGLEMENTĂRI FINANCIARE

6.1. Finanțarea activităților Centrului se realizează din următoarele surse:

- finanțări obținute de la Ministerul Educației și Cercetării sau din partea unor organisme de finanțare specifice: CNCIS, CEEX, UEFISCDI, etc.;
- sume obținute de membrii Centrului ca și directori de proiecte sau membri, în calitate de participanți la contracte și grant - uri de cercetare atât la nivel național cât și internațional;
- alocații bugetare de la nivelul universității;
- donații;

6.2. Cheltuielile se efectuează în acord cu Planului anual de administrare a fondurilor Centrului de Cercetare sub supravegherea Consiliului de Administrație.

7. DISPOZIȚII FINALE

7.1 Activitatea Centrului de Cercetare se desfășoară cu respectarea prezentului statut și a dispozițiilor legale în vigoare.

7.2 Amendamentele la prezentul Statut pot fi propuse de Consiliul Științific, de Consiliul de Administrație sau prin inițiativa membrilor Centrului manifestată sub formă petiție semnată de cel puțin 10% din membrii Centrului. Ele pot fi adoptate prin votul favorabil a cel puțin 2/3 din numărul membrilor Centrului.

7.3 Centrul de cercetare își poate înceta activitatea în cazul neîndeplinirii misiunii, scopului și obiectivelor, din diverse cauze de natură internă sau externă, sau atunci când o parte însemnată a membrilor iau decizia să se retragă. Suspendarea activității Centrului sau încetarea ei definitivă poate fi decisă doar de Adunarea generală a membrilor, prin votul a cel puțin 2/3 din numărul total de membri ai Centrului.

Prezentul Statut a fost adoptat în ședința Adunării Generale a membrilor în data de 16.04.2013.

Director centru de cercetare

Prof. univ. dr. LOREDANA MARCU

