

FIȘA DE VERIFICARE

A ÎNDEPLINIRII STANDARDELOR MINIMALE

pentru ocuparea posturilor didactice și de cercetare

I. DATE DESPRE CANDIDAT

NUMELE Vicas PRENUMELE Simona Ioana CNP

Postul pentru care candidează Profesor **Disciplinele** Aditivi alimentari și ingrediente în industria alimentară (curs și lucrări practice) ; Factori de impact asupra calității materiilor prime (curs și lucrări practice), Inocuitatea produselor agroalimentare – curs. **Poziția în statul de funcții:** Poziția 2

Departamentul Ingineria Produselor alimentare

Facultatea de Protecția Mediului

Gradul didactic actual: Conferențiar, **Poziția în statul de funcții** 6

Disciplinele: Chimie II - Chimie organică și elemente de biochimie / Chimie organică; Chimie I - Chimie generală; Biochimie; Chimie organică

Departamentul Ingineria Produselor alimentare

Facultatea de Protecția Mediului

Universitatea din Oradea

II. DATE PRIVIND ÎNDEPLINIREA CONDIȚIILOR DE CONCURS

1. Studii universitare de licență și masterat

Nr. crt.	Instituția de învățământ superior	Domeniul	Perioada	Titlul acordat
1	Universitatea Bucuresti Facultatea de Biologie, Specializarea Biochimie	Biochimie	1990-1995	Licențiat în biologie
2	Universitatea Bucuresti Facultatea de Biologie Specializarea Biologie Moleculara	Biologie Moleculara	1995-1996	Diploma de studii aprofundate-master- Specializarea Biologie moleculara
3	Universitatea din Oradea, Departamentul pentru Pregătirea Personalului Didactic		2004-2005	Diploma de Master – Formarea profesorilor

2. Studii universitare de doctorat

Nr. crt.	Instituția de învățământ superior	Domeniul	Perioada	Titlul științific acordat
1	Scoala doctorala USAMV Cluj -Napoca	Biotehnologii	1998-2007	Doctor in Biotehnologii

3. Studii și burse postdoctorale

Nr. crt.	Instituția organizatoare	Domeniul	Perioada	Obs.
1	Institutului de Biochimie al Academiei Romane, Bucuresti, Romania	Biotehnologii celulare si moleculare cu aplicatii în medicină	2011-2013	
2	Kobe University, Faculty of Agriculture, Department of Biofunctional Chemistry, Laboratory of Food & Nutritional Chemistry, Japonia		Aprilie-Octombrie 2006	

4. Grade didactice/profesionale

Nr. crt.	Instituția organizatoare	Domeniul	Perioada	Titlul/funcția didactică/gradul profesional
1	Universitatea din Oradea, Facultatea de Protecția Mediului	Biochimie	1997-2000	Preparator universitar
2	Universitatea din Oradea, Facultatea de Protecția Mediului	Biochimie/Chimie organică	2000-2003	Asistent universitar
3	Universitatea din Oradea, Facultatea de Protecția Mediului	Biochimie/Chimie organică	2003-2008	Șef lucrări
4	Universitatea din Oradea, Facultatea de Protecția Mediului	Ingineria produselor alimentare	2008-prezent	Conferențiar

III. DATE PRIVIND ÎNDEPLINIREA STANDARDELOR SPECIFICE

**Anexa nr. 14 – COMISIA INGINERIA RESURSELOR VEGETALE ȘI ANIMALE
TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR
PROFESIONALE DE CERCETARE – DEZVOLTARE**

**STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA
TITLURILOR DIDACTICE**

Nr. crt.	Domeniul activităților	Tipul activităților	Categorii si restricții	Subcategorii	Indicatori kpi	Punctaj
0	1	2	3	4	5	6
1	Activitate Didactica Si profesionala (A1)	1.1. Carti si capitole în carti de specialitate	1.1.1. Carti/ capitole ca autor; pentru Profesor/CSI minim 2, d.c. 1 prim autor; Conferentiar/CSII minim 1	1.1.1.1 internaționale	nr. pagini/ (2*nr. autori)	
				Vicas SI., Teusdea A., Popa D., Bandici G., Bandici L., 2016 . Obtaining high quality white and red wines by homogenization and treating grapes in pulsed electric field.. Environmental Influence on the food quality and human health. M. Dzuga, A. pasternakiewicz, M. Wesolowska (Eds.). ISBN 978-83-7996-409-3, pp.73-84.	12/(2*5)	1.2
				Vicas SI., Dumitrita Rugina and Carmen Socaciu. 2012 . Antioxidant Activity of European Mistletoe (Viscum album), Phytochemicals as Nutraceuticals - Global Approaches to Their Role in Nutrition and Health, Dr Venketeshwer Rao (Ed.), ISBN: 978-953-51-0203-8, InTech Available from: http://www.intechopen.com/books/phytochemicals-as-nutraceuticals-global-approaches-to-their-role-in-nutrition-and-health/antioxidant-activity-of-mistletoe	22/(2*3)	3.67
				Chedea Veronica Sanda, Vicaș S. I., Carmen Socaciu, Tsutomu Nagaya, Henry Joseph Oduor Ogola, Kazushige Yokota, Kohji Nishimura and Mitsuo Jisaka 2012 . Lipoxigenase-Quercetin Interaction: A Kinetic Study Through Biochemical and Spectroscopy Approaches. Biochemical Testing, Dr. Jose C. Jimenez-Lopez (Ed.), ISBN: 978-953-51-0249-6, InTech Available from: http://www.intechopen.com/books/biochemical-testing/lipoxigenase-quercetin-interaction-a-kinetic-study-through-biochemical-and-spectroscopy-approaches	30/(2*8)	1.88
				1.1.1.2 naționale	nr. pagini/(5*nr. autori)	
				Elemente de chimie organica si biochimie: aplicatii in stiinta alimentelor, Ed. Univ. Oradea, 2012 , pg. 346, ISBN 978-606-10-0926-8	346/5*1	47.60
				Biochimie: structura și funcțiile bioconstituenților vegetali, Ed. AcademicPres Cluj-Napoca, 2008 , pg.183, ISBN 978-973-744-098-3	183/5*1	65.80
				Ecotoxicologia plumbului, Editura AcademicPres, Cluj-Napoca, 2002 , pg. 146, ISBN 973-8266-55-6	146/5*7	19.00
				The changes of some secondary metabolites from fruits and vegetables grown under organic and conventional agricultural practices, 2015 . Green Education for a Green Economy, Ed. Universitatii din Oradea, ISBN 978-606-10-1512-2, pp.147-159	13/5*3	0.87
				Studii cu privire la continutul in izoflavone a boabelor de soia din doua regiuni din Transilvania, 50 de ani de cercetari agricole in Oradea, 2012 , Fascicula I, Culturi de camp si furaje, Ed. Universitatii din Oradea, ISBN, pp519-525	7/5*1	1.4

			1.1.2. Carti/ capitole de carti ca editor/coordona tor	1.1.2.1.	nr. pagini /(3*nr. autori)	
				1.1.2.2.	nr. pagini /(7*nr.autori)	
		1.2.Suport didactic	1.2.1.Manuale,su port de curs		nr. pagini/(8*nr. autori)	
				Vicas Simona - Aditivi alimentari –curs, Ed. Univ. Oradea, 2015 , ISBNe 978-606-10-1663-1	267/8*1	33.38
			1.2.2. Indrumare de laborator/aplicați i		nr. pagini/(8*nr. autori)	
				Vicas Simona, Morna AnaMaria -Aditivi alimentari –caiet de lucrări practice, Ed. Univ. Oradea, 2015 , ISBNe 978-606-10-1664-8	66/8*2	4.13
				Vicas S. -Chimie organică și biochimie –lucrări practice, Ed. AcademicPres Cluj-Napoca, 2008 ,pg.160, ISBN 978-973-744-119-5	160/8*1	20
				Lucrări practice de chimie organică și biochimie, Ed. Univ. Oradea, 2001 , pg. 185, ISBN 973– 8219 – 44 -2	185/8*2	11.56
				Lucrări practice de chimie generală și biochimie, Ed. Univ. Oradea, 2001 , pg. 176, ISBN 973 – 8219 – 45 -0	176/8*3	7.33
		1.3.Coordonar e de programe de studii, organizare si coordonare programe de formare continua si proiecte educationale (POS,Socrates , Leonardo.sa)	Punctaj unic pentru fiecare activitate		15/activitate	
		Total A1		217.72		

2	A2 Activitatea de cercetare A2	2.1.Articole in extenso inreviste cotate ISI Thomson Reuters si in volume indexate ISI proceedings *)	Minim 8 articole pentru Profesor / CSI Minim 5 articole pentru Conferențiar/ CS II		(35+20*factor impact)/nr. de autori – pt reviste cotate ISI	
				Cavalu S., Vicas S. , Costea T., Fritea L., Copolovici D., Laslo V., 2020. Preparation, Physico-chemical Characterization and Photocatalytic Properties of Se Doped TiO2 Nanoparticles. Rev.Chim., 71 (1) 22-27. https://revistadechimie.ro/Articles.asp?ID=7806 (IF=1.605)	35+20*1.605/6	11,18
				Miere (Groza) F., Teusdea A.C., Laslo V., Fritea L., Moldovan L., Costea T., Uivarosan D., Vicas*SI , Pallag A. 2019 . Natural Polymeric Beads for Encapsulation of Stellaria media Extract with Antioxidant Properties. MATERIALE PLASTICE 56, no. 4, 671-679. https://revmaterialeplastice.ro/Articles.asp?ID=5252 (IF=1,393; Q4; SRI=0,149)	35+20*1.393/9*2	13.97
				Vicas S., Cavalu S., Laslo V., Tocai M., Costea T., Moldovan L. 2019 . Growth, Photosynthetic Pigments, Phenolic, Glucosinolates Content and Antioxidant Capacity of Broccoli Sprouts in Response to Nanoselenium Particles Supply. Not Bot Horti Agrobo, 47(3):821-828. DOI:10.15835/nbha47311490. WOS:000489532700036 https://www.notulaeobotanicae.ro/index.php/nbha/article/view/11490 (IF=0,624; Q4; SRI=0,464)	35+20*0.624/6*2	15.82
				Mates, I., Antoniac, I., Laslo, V., Vicas, S., Brocks, M., Fritea, L., Milea, C., Mohan, A., Cavalu, S. 2019 . Selenium nanoparticles: production, characterization and possible applications in biomedicine and food science. University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry And Materials Science, 81 (1), 205-216. https://www.scientificbulletin.upb.ro/SeriaB_-_Chimie_si_Stiinta_Materialelor.php?page=revistaonline&a=2&arh_an=2019&arh_ser=B&arh_nr=1	35+20*0/9	7.91
				Bandici Gheorghe Emil, Bandici Livia; Vicaș Simona; Teușdea Alin Cristian. 2019 . Pulsed Electric Field Treatments for Improving the Colour of Red Grape Products. 15th International Conference on Engineering of Modern Electric Systems (EMES). 13-14 June 2019. DOI: 10.1109/EMES.2019.8795167 https://ieeexplore.ieee.org/abstract/document/8795167	35+20*0/4	8.75
				Cavalu S., Bisboaca S, Mates IM, Pasca PM, Laslo V, Costea T,Fritea L, Vicas S. 2018 . Novel Formulation Based on Chitosan-Arabic Gum Nanoparticles Entrapping Propolis Extract. REV.CHIM.(Bucharest), 69(12), 3756-3760. http://www.revistadechimie.ro/archive.asp?last=1 (IF=1,605; Q3; SRI=0,183)	35+20*1.605/8*2	16.775
				Gitea D, Vicas S , Gitea MA, Nemeth S, Tit DM, Pasca B, Purza L, Iovan C. 2018 . HPLC Screening of Bioactives Compounds and Antioxidant Capacity of Different <i>Hypericum</i> Species. REV.CHIM.(Bucharest), 69(2),305-309 http://www.revistadechimie.ro/archive.asp	35+20*1.412/8	7.91

			Mierlita D, Pop MI, Lup F, Simeanu D, Vicas SI , Simeanu C. 2018 . The Fatty Acids Composition and Health Lipid Indices in the Sheep Raw Milk Under a Pasture-Based Dairy System. REV.CHIM.(Bucharest), 69(1), 160-165 http://www.revistadechimie.ro/archive.asp	35+20*1.412/ 6	10.54
			Lup F, Pop MI, Simeanu D, Vicas S , Simeanu C, Mierlita D. 2018 . Research Regarding Fatty Acid Profile and Health Lipid Indices in the Lambs Meat of Employing Feed Supplemented with Different Vegetable Oils. REV.CHIM.(Bucharest), 69(1), 222-227 http://www.revistadechimie.ro/archive.asp	35+20*1.412/ 6	10.54
			Laslo V, Socaci S, Teusdea A, Timar A, Tofană M, Vicas SI. 2018 . The Effect of Pasteurization Time on Phytochemical Composition and Antioxidant Capacity of Two Apple Cultivars Juices. Bulletin UASVM Food Science and Technology 75(1), 67-77 http://journals.usamvcluj.ro/index.php/fst/article/view/12988	35+20*0/6*2	18.33
			Cavalu S., Antoniac I.V., Fritea L., Mates I.M., Milea C., Laslo V., Vicas S. , Mohan A., 2018 . Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating. Journal of Adhesion Science and Technology, 32, (22) 2509–2522 https://www.tandfonline.com/eprint/HCd7D7KJFKjMgPpPRaMN/full#.XDXTDvtfjC4.gmail . IF=1,21	35+20*1.21/8	7.4
			Vicas SI , Bandici L., Teusdea A, Turcin V., Popa D., Bandici G., 2017 , The bioactive compounds, antioxidant capacity, and color intensity in must and wines derived from grapes processed by pulsed electric field. CyTA – Journal of Food, 15 (4), 553–562 https://www.tandfonline.com/doi/full/10.1080/19476337.2017.1317667 (IF=1.180).	35+20*1.18/6 *2	19.53
			Cavalu S., Prokisch J., Laslo V., Vicas S . 2017 . Preparation, Structural Characterisation and Release Study of Novel Hybrid Microspheres Entrapping Nano-Selenium, Produced by Green Synthesis, IET Nanobiotechnology, 11 (4), 426 - 432 https://ieeexplore.ieee.org/document/7932624 (IF= 1.463).	35+20*1.463/ 4*2	32.13
			Bandici L, Vicaș SI , Teușdea AC, Bandici GE, Popa D. 2017.Microwave-Assisted Extraction as a Method of Improving the Quality of Wines. The Journal of Microwave Power and Electromagnetic Energy (JMPEE) 51 (3), 161-177 http://www.tandfonline.com/doi/full/10.1080/08327823.2017.1350313 (IF= 0.575).	35+20*0.575/ 5	9.30
			Laslo V, Teusdea AC, Socaci SA, Mierlita D, Vicas SI . 2017 . Influence of Pasteurization on Total Phenols Content and Antioxidant Capacity of <i>Prunus persica</i> L. Juices. Not Bot Horti Agrobi, 45(2):553-560 https://www.notulaeobotanicae.ro/index.php/nbha/article/view/10699 (IF:0.480)	35+20*0.648/ 5*2	19.18 4
			Teusdea AC, Bandici L, Kordiaka R, Bandici GE, Vicas SI . 2017 . The Effect of Different Pulsed Electric Field Treatments on Producing High Quality Red Wines. Not Bot Horti Agrobi, 45(2):540-547 https://www.notulaeobotanicae.ro/index.php/nbha/article/view/10890 (IF:0.480)	35+20*0.648/ 5 *2	19.18 4

				Cavalu S, Laslo V, Fritea L, Costea TO, Antoniac IV, Vasile E, Antoniac A, Semenescu A, Mohan A, Kamel E, Saceleanu V, Vicas S. 2017. Eco-friendly, Facile and Rapid Way for Synthesis of Selenium Nanoparticles: Production, Structural and Morphological Characterisation. Revista de Chimie –68 (12), 2963-2966 https://www.revistadechimie.ro/Articles.asp?ID=6017 (IF:1.412)	35+20*1.412/12*2	10.54
				Jurca T, Marian E, Tia B, Vicas S , Pallag A, Toth I, KrusperL, Braun M, Vicas L. 2017. Determination of Oligoelements Content of Plant Material and Assessment of Bioactive Compounds from <i>Calendula officinalis</i> Lyophilized Extract. REV.CHIM.(Bucharest), 68 (8), 1786-1789 http://www.revistadechimie.ro/arhiva.asp (IF:1.412)	35+20*1.412/9	7.03
				Chedea,VS, Vicaș, SI , Sticozzi,C, Pessina, F, Frosini, M, Maiolic E, Valacchi G. 2017. Resveratrol: from diet to topical usage. Food &Funct., 8, 3879-92 http://pubs.rsc.org/-/content/articlelanding/2017/fo/c7fo01086a/unauth#ldivAbstract IF=3.247	35+20*3.247/7	14.28
				Bandici L., Vicaș S, Gheorghe Emil Bandici, Alin Cristian Teusdean, Dorin Popa. 2017- The Effect of Pulsed Electric Field (PEF) Treatment on the Quality of Wine. 14th International Conference on Engineering of Modern Electric Systems (EMES) Oradea, Romania June 01-02. https://ieeexplore.ieee.org/document/7980372	35+20*0/5	7
				Teușdea AC, Vicaș S, Livia Bandici, Gheorghe Emil Bandici. 2017- The Use of the High-Frequency Electromagnetic Field (MW) and of the Pulsed Electric Field (PEF) for the Extraction of Bioactive Compounds from Grapes. 14th International Conference on Engineering of Modern Electric Systems (EMES) Oradea, Romania June 01-02. https://ieeexplore.ieee.org/document/7980375	35+20*0/4	8.75
				Jurca T., Vicas L., Tóth I., Braun M., Marian E., Teusdea A., Vicas S. , Muresan M., 2016 , Mineral elements profile, bioactive compounds and antioxidant capacity of wild blueberry and ofpharmaceutical preparations from blueberry (<i>Vaccinium myrtillus</i>), Farmacia, 64 (4), 581-587 http://www.revistafarmacia.ro/issue42016.html	35+20*1.348/8	7.75
				Jurca T., Vicas L., Marian E., Vicas S. , Muresan M., 2016 , A new natural antioxidant supplement – design and development, Farmacia, 64 (1), 135-142 http://www.revistafarmacia.ro/issue12016.html	35+20*1.348/5	12.39
				Vicaș S, L Bandici, A Teușdea, G E Bandici . 2016. Extraction of Bioactive Compounds from Two Grape Varieties Using Pulsed Electric Field (PEF). Bulletin UASVM Food Science and Technology 73(2)/201, 85- http://journals.usamvcluj.ro/index.php/fst/article/view/12212	35+20*0/4*2	17.5
				Bandici I., Vicas SI., Bandici G., Teusdea A., 2015 , Physical-chemical, biological, and sensory analyses in grape processing using the high frequency electromagnetic field, Engineering of Modern Electric Systems (EMES), 1-6 http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=7158406	35+20*0/4	8.75
				Mierlita D., Vicas S. , 2015 , Dietary effect of silage type and combination with camelina seed on milk fatty acid profile and antioxidant capacity of sheep milk, South African Journal of Animal Science, 45 (1), 1-11 https://www.ajol.info/index.php/sajas/article/view/115265	35+20*0.412/2	21.62

			Vicaș L, Teușdea A, Vicaș S* , Marian E, Jurca T, Mureșan M, Gligor F, 2015 , Assessment of Antioxidant Capacity of Some Extracts for Further Use in Therapy, <i>Farmacia</i> , 63 (2), 267-274 http://www.revistafarmacia.ro/issue.html	35+20*1.162/ 7*2	16.64
			Micle O., Vicas SI*, Ratiu I., Vicas L., Muresan M., 2015 , Cystatin C, a low molecular weight protein in chronic renal failure, <i>Farmacia</i> , 63 (6), 872-876 http://www.revistafarmacia.ro/201506/issue62015art14.html	35+20*1.162/ 4	29.12
			Vicas SI , Teusdea AC, Carbutar M, Timofte A, Laslo V, Socaci S, Socaciu C., 2015 , HPLC Fingerprinting of Glucosinolates during Fermentations Assisted by Chemometric Analysis, <i>Romanian Biotechnological Letters</i> , 20 (6), 11067-11075 http://www.rombio.eu/rbl6vol20/Cuprins.html	35+20*0.412/ 7*2	12.35
			Socaci S., C Socaciu, C Mureșan, A Fărcaș, M Tofană, Vicaș S.I. , A Pintea, 2014 , Chemometric Discrimination of Different Tomato Cultivars Based on Their Volatile Fingerprint in Relation to Lycopene and Total Phenolics Content", <i>Phytochemical Analysis</i> , 25 (2), 161-169 http://onlinelibrary.wiley.com/doi/10.1002/pca.2483/abstract	35+20*2.45/7	12.00
			Antonescu A., Vicas SI* , Teusdea AC, Ratiu I, Antonescu A, Micle O, Vicas L, Muresan M, Gligor F, 2014 , The levels of serum biomarkers of Inflammation in hemodialysis patients <i>Farmacia</i> , 62 (5), 950-960 http://www.revistafarmacia.ro/201405/issue52014art13.html	35+20*1.005/ 9*2	12.24
			Vicas S.I. , Teusdea A., Carbutar M., Socaci S., Socaciu C., 2013 , Glucosinolates Profile and Antioxidant Capacity of Romanian <i>Brassica</i> Vegetables obtained by Organic and Conventional Agricultural Practices", <i>Plant Foods for Human Nutrition</i> , 68 (3), 313-21 http://link.springer.com/article/10.1007%2Fs11130-013-0367-8	35+20*2.416/ 5*2	33.33
			Antonescu A., Micle O., Vicas S.I. , Bako G., Mraz C., Vicas L., Muresan M., 2013 , The Correlations between Plasma Leptin and the Concentrations of Proinflammatory Cytokines in Patients with Type II Diabetes Mellitus in Maintenance Hemodialysis, <i>Farmacia</i> , 61 (5), 902-911 http://www.revistafarmacia.ro/201305/issue52013art07.html	35+20*1.251/ 7	8.57
			Timofte A, Vicas S. , 2013 , The Influence of the Developmental Stage and Culture Medium upon the Somatic Embryo Induction in <i>Quercus petraea</i> , <i>Not Bot Horti Agrobi</i> , 2013, 41(2):1-3 http://www.notulaebotanicae.ro/index.php/nbha/issue/current	35+20*0/2	17.5
			Vicaș S. , Rugină D., Leopold L., Pintea A., Socaciu C., 2011 HPLC Fingerprint of Bioactive Compounds and Antioxidant Activities of <i>Viscum album</i> from Different Host Trees, <i>Notulae Botanicae</i> , 39 (1), 48-57 http://www.notulaebotanicae.ro/index.php/nbha/issue/view/159	35+20*0.0/5 *2	14
			Vicaș S. , Chedea V., Socaciu S., 2011 Inhibitory effects of isoflavones on soybean lipoxygenase-1 activity, <i>Journal of Food Biochemistry</i> , 35, 613-627 http://onlinelibrary.wiley.com/doi/10.1111/j.1745-4514.2010.00405.x/abstract	35+20*0.815/ 3	34.20
			Vicas S. , Rugina D., Socaciu C., 2011 Comparative Study about Antioxidant Activities of <i>Viscum Album</i> from Different Host Trees, Harvested in Different Seasons, <i>Journal of Medicinal Plant Research</i> , 5(11), 2237-2244 http://www.academicjournals.org/journal/JMPR/article-abstract/4B70C8121233	35+20*0.224/ 3	26.32

				Vicas S., Prokisch J., Rugina D., Socaciu C., 2009 , Hydrophilic and Lipophilic Antioxidant Activities of Mistletoe (<i>Viscum album</i>) as determined by FRAP method, Notulae Botanicae, 37 (2), 112-116 http://www.notulaeobotanicae.ro/index.php/nbha/issue/view/120	35+20*0/4	8.75
				Chedea V., Vicaș S., Socaciu S., 2008 , Kinetics of soybean lipoxygenase are related to pH, substrate availability and extraction procedures, Journal of Food Biochemistry, 32 (2), 153-172 http://onlinelibrary.wiley.com/doi/10.1111/j.1745-4514.2008.00169.x/abstract	35+20*0.800/3	17
					TOTAL	586.08
					35/nr. de autori - pt articole indexate ISI proceedings	
					15/nr autori	
				Kleszken E., Laslo V., Vicaș S.I. 2019 . Spectrophotometric quantification of green pigments and total carotenoids from mistletoe grown on different host trees. Natural Resources and Sustainable Development 9 (1):27-33 DOI: 10.31924/nrsd.v9i1.020 https://www.nrsdj.com/issues-year-2019-1/spectrophotometric-quantification-of-green-pigments-and-total-carotenoids-from-mistletoe-grown-on-different-host-trees.html#.XkZe1IhS96Q	15/3*2	15
				Tocai M., Cavalu S., Laslo V., Burescu P., Vicaș SI, 2018 , Antioxidant capacity and total phenols content changes of broccoli sprouts after exogenous supply with nano selenium, International Journal of Current Research, 10 (3), 66592-66594 http://www.ijournalcra.com	15/5*2	6
				Tocai M., Laslo V., Vicas S.I., 2018 . Antioxidant Capacity and Total Phenols Content Changes on Cress (<i>Lepidium sativum</i>) Sprouts after Exogenous Supply with Nano Selenium. Natural Resources and Sustainable Development, 8 (2), 131-137 https://www.nrsdj.com/component/search/?searchword=Antioxidant%20Capacity%20and%20Total%20Phenols%20Content%20Changes%20on%20Cress%20(Lepidium%20sativum)%20Sprouts%20after%20Exogenous%20Supply%20with%20Nano%20Selenium&searchphrase=all&Itemid=374#.XkZfOohS96Q	15/3*2	10
				Laslo V, Oneț A, Vicaș SI, Teușdea A, Oneț C, Moș G, 2018 , Aspects Related to the Biochemistry of Resistance to Cold-Induced Stress in 4 Apricot Cultivars in the Climatic Conditions of 2018 in NW Romania, Natural Resources and Sustainable Development, 8 (2), 105-120-137 https://www.nrsdj.com/component/search/?searchword=Aspects%20Related%20to%20the%20Biochemistry%20of%20Resistance%20to%20Cold-Induced%20Stress%20in%204%20Apricot%20Cultivars%20in%20the%20Climatic%20Conditions%20of%202018%20in%20NW%20Romania&searchphrase=all&Itemid=374#.XkZfpYhS96Q	15/6	2.5

			Laslo V, Onet A, Vicas S, Agud E, Onet C, 2018, In Vitro Propagation of Apricot (<i>Prunus armeniaca</i> L.), <i>Analele Universității Oradea, Fascicula Protecția Mediului</i> Revistă acreditată de CNCIS, cod 686, categoria B+, ISSN 1224-6255 http://protmed.utoradea.ro/facultate/publicatii/protectia_mediului/2018A/2018A.html	15/5	3
			Fritea L, Laslo V, Cavalu S, Costea T, Vicas S. 2017. Green Biosynthesis of Selenium Nanoparticles using Parsley (<i>Petroselinum Crispum</i>) Leaves Extract . <i>Studia Universitatis "Vasile Goldis" din Arad, Seria Stiintele Vietii</i> 27 (3), 203-208 http://www.studiauniversitatis.ro/?page_id=2379	15/5	3
			Vicaș S, L Bandici, A Teușdea, G E Bandici . 2016. Extraction of Bioactive Compounds from Two Grape Varieties Using Pulsed Electric Field (PEF). <i>Bulletin UASVM Food Science and Technology</i> 73(2)/201 http://journals.usamvcluj.ro/index.php/fst/article/view/12212	15/4	3.75
			Tocai M., Laslo V., Vicas S., 2016. Effects of selenium and copper supply on growth Parameters of <i>Lepidium sativum</i> and <i>Brassica oleracea</i> seedlings. <i>Analele Universitatii din Oradea, Fascicula Protecția Mediului</i>, vol. XXVII, 149-154 http://protmed.utoradea.ro/facultate/publicatii/protectia_mediului/2016B/2016B.html	15/3	5
			Laslo V., Bandici L., Bandici GE, Vicas S. 2016. Microscopic observations of grape skins treated in pulsed electric and high frequency electromagnetic fields. <i>Analele Universitatii din Oradea, Fascicula Protecția Mediului</i>, vol. XXVII, 267-274	15/4	3.75
			Bandici L., Leuca T., Vicas SI, Bandici G., 2015, The influence of the high frequency electromagnetic field on grape processing, <i>Engineering of Modern Electric Systems (EMES)</i>, 1-4 https://ieeexplore.ieee.org/document/7158400	15/4	3.75
			Bandici I., Vicas SI, Bandici G., Teusdea A., 2015, Physical-chemical, biological, and sensory analyses in grape processing using the high frequency electromagnetic field, <i>Engineering of Modern Electric Systems (EMES)</i>, 1-6. http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=7158406	15/4	3.75
			Bors MD., Socaci S., Vicas SI, Semeniac A., Pop (Cuceu) AV., Nagy M., Tofana M., 2015, Effect of light conditions on sulfur-containing phytochemicals from radish and mustard sprouts, <i>Journal of Agroalimentary Processes and Technologies</i> 2015, 21(3), 274-281 http://journal-of-agroalimentary.ro/Journal-of-Agroalimentary-Processes-and-Technologies-Article_NNMWxu.html	15/7	2.14
			Bandici GE, Vicaș S, Bandici L, Teușdea A, Popa D, 2015, The Influence of the High Frequency Electromagnetic Field on the Organoleptic Properties of Wine, <i>Analele Universitatii din Oradea, Fascicula Protecția Mediului</i>, vol. XXV, 103-110 http://protmed.utoradea.ro/facultate/publicatii/protectia_mediului/2015B/2015B.html	15/5	3

			Vicas SI., Lestyan M., Laslo V., 2015 , The effect of enzymatic treatment on bioactive compounds and antioxidant capacity of pasteurized apple juice, Fascicula Protectia Mediului, vol. XXV, 127-132 http://protmed.uoradea.ro/facultate/publicatii/protectia_mediului/2015B/2015B.html	15/3	5
			Cavalu S., Laslo V., Banica F., Vicas S., 2015 , Naturally derived matrix for controlled selenium nanoparticles delivery, International Seminar on Biomaterials & Regenerative Medicine BIOREMED 2015, on September 17-20, 2015., Key Engineering Materials https://www.biomaterials.org/events/international-seminar-biomaterials-regenerative-medicine-bioremed-2015	15/4	3.75
			Bandici L., Vicas SI., Bandici GE., Teusdea AC., Cavalu S., 2015 , Bioactive Compounds Diffusion from Grapes to Wines under High Frequency Electromagnetic Field Treatments, International Seminar on Biomaterials & Regenerative Medicine BIOREMED 2015, on September 17-20, 2015. Key Engineering Materials https://www.biomaterials.org/events/international-seminar-biomaterials-regenerative-medicine-bioremed-2015	15/5	3
			Vicas SI, A Teusdea, M Muresan, M Sabau, E Marian, T Jurca, D Gitea, I Borza, L Vicas, 2014/B , Preliminary Study Regarding to the Total Polyphenols and Antioxidant Capacity of Yellow Maize Corncobs, Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol. XXIII, 179-184 http://protmed.uoradea.ro/facultate/publicatii/protectia_mediului/2014B/2014B.html	15/9	1.67
			Lestyan M , A Teusdea, G Gabor, M Muresan, F Bodog, & Vicas S, 2014/A , The Total Anthocyanins Content of Hibiscus Species, Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol. XXII, 75-80. http://protmed.uoradea.ro/facultate/publicatii/protectia_mediului/2014A/2014A.html	15/6	2.5
			Laslo V, Zăpârțan, M, Agud, E., Vicaș, S., 2013/B , The implications of Tidiuron (TDZ) in the induction of callus and plant regeneration in the Dianthus Spiculifolius Schur. Variety Fascicula Protectia Mediului, vol. XXI, pg 643-650 http://protmed.uoradea.ro/facultate/anale/protectia_mediului/2013B/2013B.html	15/4	3.75
			Dobjanschi L, Zdrinca M , Muresan M, Vicas S, 2013/B , The thin layer chromatography analysis of saponins belonging to solidago species Fascicula Protectia Mediului, vol. XXI, pg. 56-60 http://protmed.uoradea.ro/facultate/anale/protectia_mediului/2013B/2013B.html	15/4	3.75
			Vicas S.I., Socaci S., Socaci C., 2012/B , Sinigrin Glucosinolate: Spectral and Chromatographic Characteristics before and after Enzyme-Assisted Sulphatase Hydrolysis, Fascicula Protectia Mediului, vol XIX, pg.299-304 http://protmed.uoradea.ro/facultate/anale/protectia_mediului/2012B/2012B.html	15/3	5

			Dobjanschi L., A. Antonescu, M. Zdrinca, M. Muresan, L. Vicas, O. Micle, S. Vicas, 2012/B , HPLC-MS Analysis of Flavonoids Obtained from Solidago Sp. (Asteraceae), Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol. XIX, pg. 75-79 http://protmed.uroadea.ro/facultate/anale/protectia_mediului/2012B/2012B.html	15/7	2.14
			Laslo Vasile, Zăpârțan Maria, Agud, Eliza, Vicaș S., 2012/B Particular Regenerative Aspects Of The Hpd 1001 Grapevine Variety, Cultivated In Vitro Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol. XIX, pg. 711-716 http://protmed.uroadea.ro/facultate/anale/protectia_mediului/2012B/2012B.html	15/4	3.75
			Laslo Vasile, Vicaș S., Agud Eliza and Maria Zăpârțan, Ex Situ, 2012/B , Plant Biodiversity Conservation Strategies And Solutions Fascicula Protectia Mediului, vol. XIX, pg. 723-732 http://protmed.uroadea.ro/facultate/anale/protectia_mediului/2012B/2012B.html	15/4	3.75
			Socaci S., M. Tofană, C. Socaciu, C. Mureșan, E. Mudura, A. Pintea, A. Păucean, S. Vicaș, 2012/B , Eco-Friendly Technique for Tomatoes Volatile Fingerprint Determination, Fascicula Protectia Mediului, vol. XIX, pg. 271-279 http://protmed.uroadea.ro/facultate/anale/protectia_mediului/2012B/2012B.html	15/8	1.88
			Vicas S., Fetea F., Carbunar M., Socaciu C., 2012 , Comparative Fingerprint of Glucosinolates from Brassica Vegetables using HATR/FT-MIR Spectroscopy, Bulletin UASVM, Cluj Napoca, 69 (2), 430-439 http://journals.usamvcluj.ro/index.php/agriculture/article/view/8795	15/4	3.75
			Laslo V., Vicas S., 2012 , The Correlation of the Accumulation of Cold Units with Biochemical Processes in The Floral Buds of Apricots (Armenia Vulgaris) from Romania, Studia Universitatis "Vasile Goldiș", Seria Științele Vieții, Vol. 22, issue 4, pp. 503-510 http://www.studiauniversitatis.ro/index.php?option=com_content&view=category&id=33&Itemid=122	15/2	7.5
			Vicas S., Laslo V., 2011 , The Correlation of The Accumulation of Cold Units With Some Physiological and Biochemical Processes in the Floral Buds in the Cultivation of Nectarines (Prunus Persica Var. Nectarina) in North-Western Romania, Studia Universitatis "Vasile Goldiș", Seria Științele Vieții Vol. 21, issue 3, Jul.-Sep. 2011, pp. 639-645 http://www.studiauniversitatis.ro/index.php?option=com_content&view=category&id=28&Itemid=101	15/2	7.5
			Vicas S.I., Rugina D., Sconta Z., Pintea A., Socaciu C., 2011 , The In Vitro Antioxidant and Anti-Proliferative Effect and Induction of Phase II Enzymes by a Mistletoe (Viscum album) Extract, Bulletin UASVM, 68 (2), 482-491 http://journals.usamvcluj.ro/index.php/agriculture/article/view/6603	15/5	3
			Hârța M., Pamfil D., Pop R., Vicas S., 2011 , DNA Fingerprinting Used for Testing Some Romanian Wine Varieties, Bulletin UASVM, 68 (11), 143-148 http://journals.usamvcluj.ro/index.php/horticulture/article/view/7041	15/4	3.75

			Laslo V. , Zăpârțan M., Vicaș S., Agud E., 2011/A , Use of nodal explants in "in vitro" micro-propagation of Mentha Piperita L., Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol. XVI/A, pg. 247-251 http://protmed.uroadea.ro/facultate/anale/protectia_mediului/2011A/2011A.html	15/4	3.75
			Laslo V. , Zăpârțan M., Vicaș S., Agud E., 2011/B , In Vitro micromultiplication of Coleus Blumei Benth species, Analele Universitatii din Oradea, Fascicula Protectia Mediului, vol. XVII, pg. 253-258 http://protmed.uroadea.ro/facultate/anale/protectia_mediului/2011B/2011B.html	15/4	3.75
			Laslo V. , Zăpârțan M., Vicaș S., Agud E., 2011 , Methods of Conservation of the Plant Germplasm. In Vitro Techniques, Fascicula Protectia Mediului, XVII, http://protmed.uroadea.ro/facultate/anale/protectia_mediului/2011B/2011B.html	15/4	3.75
			Laslo V., Vicas S., 2011 , Studies concerning the biosynthesis of Carbohydrates by yeast strains belonging to the Saccharomyces genus, isolated from directly Producing grapevines, Fascicula Protectia Mediului, XVII, pg. 685 http://protmed.uroadea.ro/facultate/anale/protectia_mediului/2011B/2011B.html	15/2	7.5
			Vicas S.I., Laslo V., Pantea S., Bandici GE., 2010 , Chlorophyll and Carotenoids Pigments from Mistletoe (Viscum Album) Leaves using Different Solvents, Analele Universitatii din Oradea, Fascicula Biologie, TOM XVII/2, 213 http://doaj.org/toc/cf37ab550a47476ebb0849a9413aff4f/TOM%20XVII	15/4	3.75
			Vicas S., Laslo V., 2010 , Recovery of total polyphenolic compounds from different grape skins varieties, under enzymatic treatment, Analele Universitatii din Oradea, Fascicula Ecotoxicologie, Zootehnie și Tehnologii de Industrie Alimentară, pp.923 http://protmed.uroadea.ro/facultate/anale/ecotox_zooteh_ind_alim/2010/2010.html	15/2	7.5
			Laslo V., Vicas S., Popa D., 2010 , Comparative studies on invertase activity in strains of genus Saccharomyces yeast immobilized sodium alginate, Analele Universitatii din Oradea, Fascicula Ecotoxicologie, Zootehnie și Tehnologii de Industrie Alimentară, pp.551 http://protmed.uroadea.ro/facultate/anale/ecotox_zooteh_ind_alim/2010/2010.html	15/3	5
			Rugină D., Vicaș S., Petran M., Pinteș A., Bunea A., Socaci C., 2010 , Preliminary Research Regarding The Antitumor Effects Of Mistletoe on A2780 Cells, Bulletin UASVM Animal Science and Biotechnologies, Cluj http://journals.usamvcluj.ro/index.php/zootehnie/article/view/5336	15/6	2.5
			Laslo V., M. Zăpârțan, A. Keul-Butiuc, A. Timofte, S. Vicaș, C. Bara, E. Agud, C. Bals, 2010 , The Capacity of in vitro Regeneration of the Apical and Nodal Tissue Detached from the Variety of Grape-Wine Fetească Neagră, Bulletin UASVM Animal Science and Biotechnologies, Cluj-Napoca, 67 (1-2), 388-395 http://connection.ebscohost.com/c/articles/56470971/capacity-vitro-regeneration-apical-nodal-tissue-detached-from-variety-grape-wine-feteasca-neagra	15/8	1.86

			Laslo V., M. Zăpârțan, S. Vicaș , 2010 , In Vitro Respons of Several Cultivars of Vitis Vinifera L on Media with Balanced Phytohormone Ratio, Research Journal of Agricultural Science, Timisoara,, vol. 42 (2), 269 http://www.rjas.ro/volume_detail/14#	15/3	5
			Vicas S., Rugina D., Pantea S., Socaciu C., 2009 , The Morphological Features and UV-VIS Analysis of Some Taxonomic Markers of Genus Viscum, Bulletin UASVM, Agriculture, nr.66 (1-2)/2009 http://journals.usamvcluj.ro/index.php/agriculture/article/view/3770	15/4	3.75
			Chedea V., Echim C., Vicas S., 2009 , Composition in Isoflavones of a Soybean Enzymatic Extract, Bulletin UASVM, Agriculture, nr.66 (2)/2009 http://journals.usamvcluj.ro/index.php/agriculture/article/view/3724	15/3	5
			Vicas S., Rugina D.,Prokisch J., Socaciu C., 2009 , In vitro evaluation of antioxidant activity of leaves and stems from European mistletoe (Viscum album), Lucrări Științifice, vol. 51, seria Agronomie, USAMV Iasi http://www.revagrois.ro/index.php?lang=ro&pagina=pagini/revista_2009_1.html	15/4	3.75
			Laslo V., Vicas S., Purcarea C., Popa D., 2009 , The long and short term effect of ozone on vegetable coloured pigments from corn (Zea mays), Lucrări Științifice, vol. 51, seria Agronomie, USAMV Iasi – 202-207 http://www.revagrois.ro/index.php?lang=ro&pagina=pagini/revista_2009_1.html	15/4	3.75
			Vicas S., Grosu Eugenia, Vasile Laslo, 2009 , The effects of simulated acid rain on growth and biochemistry process in grass (Lolium perenne), Lucrări Științifice, vol. 51, seria Agronomie, USAMV Iasi – 277-283 http://www.revagrois.ro/index.php?lang=ro&pagina=pagini/revista_2009_1.html	15/3	5
			Total BDI		195.69
		Minim 10 pentru Conferentiar/CSII			
		2.3.Proprietate intelectuală, brevete de invenție, tehnologii si produse omologate (soiuri,hibrizi, rase, etc)	2.3.1. Internationale	40 *nr autori	
			2.3.2. Nationale	30/nr autori	
		Vicaș L.G., Vicaș S.I., Marian E., Jurca T., Bococi M.D., Mureșan M.E., Brevet de invenție OSIM 2015 RO130741-A2, A61K 36/45(2006.01); data depozit 19.06.2014, Ceai antioxidant (Antioxidant tea), Buletinul oficial de proprietate industrială, Secțiunea Brevete de invenție, Nr.12/2015, Oficiul de stat pentru invenții și mărci, pg. 18	30/6	5	

				Jurca Tunde, Vicaș Simona Ioana, Marian Eleonora, Vicaș Laura Grațîela, Bodog Florian, Mureșan Mariana, Eugenia, Brevet de invenție OSIM 2016 RO 131091-A2, A61K 9/48(2006.01); data depozit 10.11.2014, Compoziție de supliment nutritiv din produse vegetale ce conțin produși bioactivi cu efect antioxidant, Secțiunea Brevete de invenție, Nr.5/2016, Oficiul de stat pentru invenții și mărci, pg. 16	30/6	5
		2.4. Granturi/proiecte câștigate prin competiție inclusiv proiecte de cercetare/consultanță (valoare de minim 10 000 Euro echivalent)	2.4.1. Director/ responsabil - Minim 2 pentru Profesor / CS 1 ; Minim 1 pentru Conferențiar / CS II	2.4.1.1. Internationale	20*ani de desfășurare	20
				2.4.1.2. Nationale	10*ani de desfășurare	
				PN-III-P2-2.1-PED-2016-1846/2017 Nanoparticule de seleniu îmbogățite cu probiotice ca alimente funcționale împotriva toxicității induse de metale grele	10*1.5	15
				PN-II-IN-CI-2012-1-0295 Optimizarea unui supliment alimentar cu proprietati antioxidante si antitumorale (punctaj 88)	10*0.5	5
				PN-II-IN-CI-2012-1-0327 Obținerea unor ceaiuri din surse neconvenționale de origine vegetală bogate în compuși bioactivi	10*0.5	5
				PN – II – ID – PCE – 2008 – 2, Evaluarea <i>in vitro</i> a efectelor antioxidante și anticancerigene a unor extracte de vasc european (Viscum album) caracterizate prin markeri taxonomici, cod CNCIS 696	10*3	30
			2.4.2. membru în echipă	2.4.2.1. Internationale	4*ani de desfășurare	
				2.4.2.2. Nationale	2*ani de desfășurare	
				PN-III-P2-2.1-CI-2017-0064 Transfer tehnologic pentru obținerea unor produse terapeutice inovative pe baza de nanopropolis Contract nr. 86CI/2017	2*0.5	1
				PN-III-P2-2.1-CI-2017-0428 Optimizarea procesului tehnologic de obținere a unor suplimente naturale inovatoare cu impact pozitiv asupra sănătății umane	2*0.5	1
				PN-II-PT-PCCA-2013-4-2225 Electromagnetic methods for improving processes winery. Contract 170/2014	2*3	6
				PN-II-IN-CI-2013-1-0015 Realizarea unor suplimente nutritive din produse vegetale ce conțin produși bioactivi cu efect antioxidant (86.33). Nr. Contract 198CI/2013	2*0.5	1
				PN-II-IN-CI-2013-1-0080 Tehnologii inovative de furajare a puiilor broiler de curcă bazate pe utilizarea unor surse alternative de proteine libere de substanțe antinutritive (89.33)	2*0.5	1
				PN-II-IN-CI-2012-1-025 Stabilirea tehnologiei de obținere a unor sucuri din fructe cu proprietati antioxidante înalte (punctaj 94)	2*0.5	1

				PN-II-IN-CI-2012-1-0257 Studiul eficienței cultivării și utilizării în alimentația pasărilor a unor soiuri de lupin libere de alcaloizi, (punctaj 78)	2*0.5	1
				PN – II – ID – PCE – 2008 – 2, Studiul și optimizarea factorilor tehnologici și nutriționali în vederea obținerii alimentelor funcționale îmbogățite în acizi grași polinesaturați omega 3 și CLA (acid linoleic conjugat), la ovine, cod CNCIS 679	2*3	6
				Proiect MEC - Laborator interdisciplinar pentru analiza factorilor de risc în agricultură, silvicultură și mediul înconjurător	2*3	6
				Grant CNCIS, cod 758 - Metode performante de detecție și analiză a unor markeri biochimici de control al calității și autenticității originii unor alimente funcționale	2*3	6
				Total A2		896,77
3	A3 Recunoaștere și Impactul Activității (A3)	3.1. Citări în reviste ISI și în volumele conferințelor indexate WOS			10/nr aut art.citat	
				Gitea D, Vicas S, Gitea MA, Nemeth S, Tit DM, Pasca B, Purza L, Iovan C. 2018. HPLC Screening of Bioactives Compounds and Antioxidant Capacity of Different Hypericum Species. REV.CHIM.(Bucharest), 69(2),305-309		
				Ersoy, Ezgi; Ozkan, Esra Eroglu; Boga, Mehmet; et al.2019. Anti-aging potential and anti-tyrosinase activity of three Hypericum species with focus on phytochemical composition by LC-MS/MS. INDUSTRIAL CROPS AND PRODUCTS Volume: 141 Article Number: UNSP 111735 Published: DEC 1 2019	10/8	1.25
				Moisa, Cristian; Lupitu, Andreea; Pop, Georgeta; et al. 2019. Variation of the Chemical Composition of Thymus Vulgaris Essential Oils by Phenological Stages. REVISTA DE CHIMIE Volume: 70 Issue: 2 Pages: 633-637	10/8	1.25
				Mohammed, Asem Hassan; Mohammed, Alaa Kareem; Kamar, Firas Hashim; et al.2018. Determination of Ethanol in Fermented Broth by Headspace Gas Chromatography using Capillary Column. REVISTA DE CHIMIE 69 (11) : 2969-2972	10/8	1.25
				Gurita Ciobotaru, Valentina Gabriela; Pavel, Ioana Zinuca; Poenaru, Marioara; et al.2018. Assessment of the Antioxidant Effect of Ethanolic Extracts Obtained from Agrimonia eupatoria L., Filipendula ulmaria (L.) Maxim. and Filipendula vulgaris Moench Collected from the Eastern Part of Romania. REVISTA DE CHIMIE 69 (9) : 2385-2390	10/8	1.25
				Petrea, Nicoleta; Ginghina, Raluca; Pretorian, Andrada; et al.2018. Experimental Survey Regarding the Dangerous Chemical Compounds from Military Polygons that Affect the Military Health and the Environment. REVISTA DE CHIMIE 69 (7) : 1640-1644	10/8	1.25
				Apostol, Livia; Berca, Lavinia; Mosoiu, Claudia; et al.2018. Partially Defatted Pumpkin (Cucurbita maxima) Seeds - a Rich Source of Nutrients for Use in Food Products. REVISTA DE CHIMIE 69 (6) : 1398-1402	10/8	1.25

			Mot, Claudia Anca; Lupitu, Andreea I.; Bungau, Simona; et al.2018. Composition and Antioxidant Activity of Aqueous Extracts Obtained from Herb of Tansy (Tanacetum Vulgare L.) REVISTA DE CHIMIE 69 (5) : 1041-1044	10/8	1.25
			Mierlita D, Pop MI, Lup F, Simeanu D, Vicas SI, Simeanu C. 2018. The Fatty Acids Composition and Health Lipid Indices in the Sheep Raw Milk Under a Pasture-Based Dairy System. REV.CHIM.(Bucharest), 69(1), 160-165		
			Fusaro, Isa; Giammarco, Melania; Chincarini, Matteo; et al.2019. Fatty acids, health indices and sensory properties of Ricotta cheese from sheep fed three different diets. INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY Volume: 72 Issue: 3 Pages: 427-434	10/6	1.66
			Nguyen, Quang V.; Malau-Aduli, Bunmi S.; Cavaliere, John; et al.2019. Enhancing Omega-3 Long-Chain Polyunsaturated Fatty Acid Content of Dairy-Derived Foods for Human Consumption. NUTRIENTS Volume: 11 Issue: 4 Article Number: 743	10/6	1.66
			Ivancia, Mihaela; Dolis, Marius Gheorghe; Nicolae, Carmen Giorgeta; et al. 2019. STUDY REGARDING THE QUALITY OF MILK FROM COWS REARED ON THE REDIU FARM. SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE Volume: 62 Issue: 1 Pages: 225-230	10/6	1.66
			Cavalu S, Laslo V, Fritea L, Costea TO, Antoniac IV, Vasile E, Antoniac A, Semenescu A, Mohan A, Kamel E, Saceleanu V, Vicas S. 2017. Eco-friendly, Facile and Rapid Way for Synthesis of Selenium Nanoparticles: Production, Structural and Morphological Characterisation. Revista de Chimie –68 (12), 2963-2966	10/12	0.83
			Jelinkova, Pavlina; Mazumdar, Aninda; Sur, Vishma Pratap; et al.2019. Nanoparticle-drug conjugates treating bacterial infections. JOURNAL OF CONTROLLED RELEASE Volume: 307 Pages: 166-185	10/12	0.83
			Gheorghe, Dan; Pop, Daniel; Ciocoiu, Robert; et al.2019. Microstructure development in titanium and its alloys used for medical applications. University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science Volume: 81 Issue: 1 Pages: 243-258	10/12	0.83
			Earar, Kamel; Porumb, Anca; Matei, Ruxandra; et al.2019. The Glass Ionomer Cement Reinforced with Silver- Premise in Choosing the Teeth Proposed for Orthodontic Purpose Extraction. REVISTA DE CHIMIE Volume: 70 Issue: 1 Pages: 324-326	10/12	0.83
			Almasi, Adrian; Antoniac, Iulian; Focsaneanu, Sergiu; et al.2019. Design Improvement of Y-TZP Three Unit Bridges by Predicted Stress Concentration Using FEA and Experimental Failure Modes after Three Point Bending Test. REVISTA DE CHIMIE Volume: 70 Issue: 1 Pages: 336-342	10/12	0.83
			Porumb, Anca; Almasi, Adrian; Todor, Liana; et al.2018. In vitro Study of the Structure and Adhesive Interface in Direct Restorations with Experimental Nanocomposite Materials and Adhesive Systems. MATERIALE PLASTICE Volume: 55 Issue: 4 Pages: 620-625	10/12	0.83
			Moldovan, Horatiu; Gheorghita, Daniela; Antoniac, Iulian; et al.2018. Bioadhesives Used in Cardiovascular Surgery. REVISTA DE CHIMIE Volume: 69 Issue: 10 Pages: 2799-2803	10/12	0.83

			Manole, Marius; Burde, Alexandru Victor; Milea, Claudia; et al.2018. Implementation of Holographic Research in Periodontal Disease. REVISTA DE CHIMIE Volume: 69 Issue: 7 Pages: 1791-1795	10/12	0.83
			Pencea, Ion; Branzei, Mihai; Turcu, Ramona Nicoleta; et al.2018. New Approach for Chemical Homogeneity Analysis of an AISI 316L Stainless Steel Bar Batch. REVISTA DE CHIMIE Volume: 69 Issue: 5 Pages: 1079-1083	10/12	0.83
			Tecu, Camelia; Antoniac, Aurora; Goller, Gultekin; et al.2018. The Sintering Behaviour and Mechanical Properties of Hydroxyapatite - Based Composites for Bone Tissue Regeneration. REVISTA DE CHIMIE Volume: 69 Issue: 5 Pages: 1272-1275	10/12	0.83
			Rivis, Mircea; Pricop, Marius; Talpos, Serban; et al.2018. Influence of the Bone Cements Processing on the Mechanical Properties in Cranioplasty. REVISTA DE CHIMIE Volume: 69 Issue: 4 Pages: 990-993	10/12	0.83
			Bandici L, Vicaș SI, Teușdea AC, Bandici GE, Popa D. 2017.Microwave-Assisted Extraction as a Method of Improving the Quality of Wines. The Journal of Microwave Power and Electromagnetic Energy (JMPEE) 51 (3), 161-177		
			Apostol, Livia; Berca, Lavinia; Mosoiu, Claudia; et al.2018. REVISTA DE CHIMIE Volume: 69 Issue: 6 Pages: 1398-1402	10/5	2
			Naghiu, Iulia; Gal, Teofil Ovidiu; Sebesan, Radu-Dimitrie; et al.2019. Extracting Essential Oils from the Rosehips in the Microwave Field.Conference: 15th International Conference on Engineering of Modern Electric Systems (EMES)	10/5	2
			Soproni, Vasile Darie; Molnar, Carmen Otilia; Hathazi, Francisc Ioan; et al.2019. Experimental Research on Microwave Field and Hot Air Drying of Barley Seeds. Conference: 15th International Conference on Engineering of Modern Electric Systems (EMES) Pages: 113-116	10/5	2
			Chedea,VS, Vicaș, SI, Sticozzi,C, Pessina, F, Frosini, M, Maiolic E, Valacchi G. 2017. Resveratrol: from diet to topical usage. Food Funct., 8, 3879-92		
			Arora, Daisy; Nanda, Sanju. 2019. Quality by design driven development of resveratrol loaded ethosomal hydrogel for improved dermatological benefits via enhanced skin permeation and retention INTERNATIONAL JOURNAL OF PHARMACEUTICS Volume: 567	10/7	1.43
			Intagliata, Sebastiano; Modica, Maria N.; Santagati, Ludovica M.; et al.2019. Strategies to Improve Resveratrol Systemic and Topical Bioavailability: An Update. ANTIOXIDANTS Volume: 8 Issue: 8 Article Number: 244	10/7	1.43
			Consoli, Larissa; Oliveira Dias, Ramonita Aparecida; da Silva Carvalho, Ana Gabriela; et al.2019. Resveratrol-loaded microparticles: Assessing Maillard conjugates as encapsulating matrices. POWDER TECHNOLOGY Volume: 353 Pages: 247-256	10/7	1.43
			Ivanova, Donika; Zhelev, Zhivko; Semkova, Severina; et al.2019. Resveratrol Modulates the Redox-status and Cytotoxicity of Anticancer Drugs by Sensitizing Leukemic Lymphocytes and Protecting Normal Lymphocytes. ANTICANCER RESEARCH Volume: 39 Issue: 7 Pages: 3745-3755	10/7	1.43

			Kim, Jungeun; Oh, Jisun; Averilla, Janice N.; et al. 2019. Grape Peel Extract and Resveratrol Inhibit Wrinkle Formation in Mice Model Through Activation of Nrf2/HO-1 Signaling Pathway. JOURNAL OF FOOD SCIENCE Volume: 84 Issue: 6 Pages: 1600-1608	10/7	1.43
			Ricci, Serena; Pinto, Federica; Auletta, Adelaide; et al. 2019. The enigmatic role of matrix metalloproteinases in epithelial-to-mesenchymal transition of oral squamous cell carcinoma: Implications and nutraceutical aspects. JOURNAL OF CELLULAR BIOCHEMISTRY Volume: 120 Issue: 5 Pages: 6813-6819	10/7	1.43
			Martins, Francislene Juliana; Senra, Monica; Caneschi, Cesar Augusto; et al. 2019. New group of azastilbene analogs of resveratrol: Synthesis, anticandidal activity and toxicity evaluation. JOURNAL OF KING SAUD UNIVERSITY SCIENCE Volume: 31 Issue: 2 Pages: 158-163	10/7	1.43
			Fernandez-Castillejo, Sara; Macia, Alba; Motilva, Maria-Jose; et al. 2019. Endothelial Cells Deconjugate Resveratrol Metabolites to Free Resveratrol: A Possible Role in Tissue Factor Modulation. MOLECULAR NUTRITION & FOOD RESEARCH Volume: 63 Issue: 3 Article Number: 1800715 Published: FEB 2019	10/7	1.43
			Xiao, Qicai; Zhu, Wangshu; Feng, Wei; et al. 2019. A Review of Resveratrol as a Potent Chemoprotective and Synergistic Agent in Cancer Chemotherapy. FRONTIERS IN PHARMACOLOGY Volume: 9 Article Number: 1534	10/7	1.43
			Pacheco de Oliveira, Maria Talita; Coutinho, Diego de Sa; de Souza, Everton Tenorio; et al. 2019. Orally delivered resveratrol-loaded lipid-core nanocapsules ameliorate LPS-induced acute lung injury via the ERK and PI3K/Akt pathways. INTERNATIONAL JOURNAL OF NANOMEDICINE Volume: 14 Pages: 5215-5228	10/7	1.43
			Espinoza, J. Luis; Kurokawa, Yu; Takami, Akiyoshi. 2019. Rationale for assessing the therapeutic potential of resveratrol in hematological malignancies. BLOOD REVIEWS Volume: 33 Pages: 43-52	10/7	1.43
			Wang, Yang; Li, Yang-Jia; Huang, Xiao-Hui; et al. 2018. FOOD & FUNCTION Volume: 9 Issue: 11	10/7	1.43
			Consoli, Larissa; Dias, Ramonita A. O.; Rabelo, Renata S.; et al. 2018. FOOD HYDROCOLLOIDS Volume: 84 Pages: 458-472	10/7	1.43
			Pokimica, Biljana; Garcia-Conesa, Maria-Teresa. 2018. NUTRIENTS Volume: 10 Issue: 7	10/7	1.43
			Coutinho, Diego de Sa; Pacheco, Maria Talita; Frozza, Rudimar Luiz; et al. 2018. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 19 Issue: 6	10/7	1.43
			Zheng, Xu; Jia, Bin; Tian, Xiao-Ting; et al. 2018. OXIDATIVE MEDICINE AND CELLULAR LONGEVITY Article Number: 6235417	10/7	1.43

			Jurca T., Vicas L., Tóth I., Braun M., Marian E., Teusdea A., Vicas S., Muresan M., 2016, Mineral elements profile, bioactive compounds and pharmaceutical preparations from blueberry (<i>Vaccinium myrtillus</i>), <i>Farmacia</i> , 64 (4), 581-587 antioxidant capacity of wild blueberry and of		
			Dobjanschi, Luciana; Fritea, Luminita; Patay, Eva Brigitta; et al.2019. Comparative study of the morphological and phytochemical characterization of Romanian <i>Solidago</i> species. <i>PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES</i> Volume: 32 Issue: 4 Pages: 1571-1579	10/8	1.25
			Stan, Roxana Liana; Sevastre, Bogdan; Hangan, Adriana Corina; et al. 2019. Chemical Characterization of <i>Artemisia Annua</i> L. Extract Assessment of Antioxidant Activity in vitro and in vivo Toxicity Studies. <i>REVISTA DE CHIMIE</i> Volume: 70 Issue: 6 Pages: 1903-1907	10/8	1.25
			Antonescu (mintas), Ina-Andreea; Jurca, Tunde; Gligor, Felicia; et al. 2019. Comparative phytochemical and antioxidative characterization of <i>Trifolium pratense</i> L. And <i>Ocimum basilicum</i> L. <i>FARMACIA</i> Volume: 67 Issue: 1 Pages: 146-153	10/8	1.25
			Lukova, Paolina; Karcheva-Bahchevanska, Diana; Dimitrova-Dyulgerova, Ivanka; et al.2018. <i>FARMACIA</i> Volume: 66 Issue: 4 Pages: 609-614	10/8	1.25
			Jurca T., Vicas L., Marian E., Vicas S., Muresan M., 2016, A new natural antioxidant supplement – design and development, <i>Farmacia</i> , 64 (1), 135-142		
			Chang, Yan-Li; Shen, Meng; Ren, Xue-Yang; et al.2018. <i>MOLECULES</i> Volume: 23 Issue: 4 Article Number: 957	10/5	2
			Grabek-Lejko, Dorota; Slowik, Justyna; Kasprzyk, Idalia.2018. <i>FARMACIA</i> Volume: 66 Issue: 1 Pages: 37-43	10/5	2
			Hangan, Adriana Corina; Stan, Roxana Liana; Sevastre, Bogdan; et al.2017. <i>FARMACIA</i> Volume: 65 Issue: 3 Pages: 368	10/5	2
			Bekyarova, Ganka; Tzaneva, Maria; Bratoeva, Kamelia; et al.2017. <i>FARMACIA</i> Volume: 65 Issue: 2 Pages: 262	10/5	2
			Berbecaru-Iovan, Anca; Andrei, Ana Marina; Nicolae, Alina Crenguta; et al.2016. <i>FARMACIA</i> Volume: 64 Issue: 5 Pages: 722-727	10/5	2
			Tatarina, Gabriela; Stan, Catalina; Mircea, Cornelia; et al.2016. <i>FARMACIA</i> Volume: 64 Issue: 4 Pages: 533	10/5	2
			Socaci S., C Socaciu, C Mureşan, A Fărcaş, M Tofană, Vicaş S.I., A Pintea, 2014, Chemometric Discrimination of Different Tomato Cultivars Based on Their Volatile Fingerprint in Relation to Lycopene and Total Phenolics Content", <i>Phytochemical Analysis</i> , 25 (2), 161-169		
			Kharbach, Mourad; Marmouzi, Ilias; El Jemli, Meryem; et al. 2020. Recent advances in untargeted and targeted approaches applied in herbal-extracts and essential-oils fingerprinting - A review. <i>JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS</i> Volume: 177	10/7	1.43

			Oluk, Aylin Celile; Ata, Atilla; Unlu, Mustafa; et al.2019. Biochemical Characterisation and Sensory Evaluation of Differently Coloured and Shaped Tomato Cultivars. NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA Volume: 47 Issue: 3 Pages: 599-607	10/7	1.43
			Tulukcu, Eray; Cebi, Nur; Sagdic, Osman. 2019. Chemical Fingerprinting of Seeds of Some Salvia Species in Turkey by Using GC-MS and FTIR. FOODS Volume: 8 Issue: 4 Article Number: 118	10/7	1.43
			Socaciu, C. 2019. From phytochemistry to metabolomics: eight decades of research in plant and food science. STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 64 Issue: 4 Pages: 205-224	10/7	1.43
			Lee, Jisun H. J.; Jayaprakasha, G. K.; Avila, Carlos A.; et al.2019. FOOD CHEMISTRY Volume: 275 Pages: 282-291	10/7	1.43
			Kedziora-Koch, Kamila; Wasiak, Wieslaw.2018. JOURNAL OF CHROMATOGRAPHY A Volume: 1565 Pages: 1-18	10/7	1.43
			Paucean, Adriana; Moldovan, Ovidiu P.; Muresan, Vlad; et al.2018. CHEMISTRY CENTRAL JOURNAL Volume: 12 Article Number: 88	10/7	1.43
			Miccoli, Angela; Restani, Patrizia; Floroian, Laura; et al.2018. REVISTA DE CHIMIE Volume: 69 Issue: 4 Pages: 854-859	10/7	1.43
			Pop, Carmen R.; Topan, Catalina; Rotar, Ancuta M.; et al.2018. BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY Volume: 75 Issue: 1 Pages: 93-95	10/7	1.43
			Samuel, Alina Dora; Tit, Delia Mirela; (Frunzulica), Carmen Elena Melinte; et al.2017. REVISTA DE CHIMIE Volume: 68 Issue: 10 Pages: 2243-2247	10/7	1.43
			Lubes, Giuseppe; Goodarzi, Mohammad.2017. CHEMICAL REVIEWS Volume: 117 Issue: 9 Pages: 6399-6422	10/7	1.43
			Cortina, Pablo R.; Asis, Ramon; Peralta, Iris E.; et al.2017. JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY Volume: 28 Issue: 1 Pages: 30-41	10/7	1.43
			Yan, Binjun; Fang, Zhonghua; Shen, Lijuan; et al.2015. PHYTOCHEMICAL ANALYSIS Volume: 26 Issue: 4 Pages: 261-268	10/7	1.43
			Wuest, Matthias.2015. BIOTECHNOLOGY OF ISOPRENOIDS Book Series: Advances in Biochemical Engineering-Biotechnology Volume: 148 Pages: 201-213	10/7	1.43
			Pop, Carmen; Rotar, Ancuta M.; Salanta, Liana; et al.2015. Bulletin Of University Of Agricultural Sciences And Veterinary Medicine Cluj-Napoca- Food Science And Technology Volume: 72 Issue: 1 Pages: 91-98	10/7	1.43
			McBride, Carolyn S.; Baier, Felix; Omondi, Aman B.; et al.2014. NATURE Volume: 515 Issue: 7526 Pages: 222-U151	10/7	1.43
			Antonescu A., Vicas SI*, Teusdea AC, Ratiu I, Antonescu A, Micle O, Vicas L, Muresan M, Gligor F, 2014, The levels of serum biomarkers of Inflammation in hemodialysis patients Farmacia, 62 (5), 950-960		

			Nechita, Ana-Maria; Pituru, Silviu; Radulescu, Daniela; et al.2016.FARMACIA Volume: 64 Issue: 3 Pages: 348-357	10/9	1.11
			Navolan, Dan; Craciunescu, Mihaela; Ciohat, Ioana; et al.2016. REVISTA DE CHIMIE Volume: 67 Issue: 5 Pages: 991-994	10/9	1.11
			Vicas SI, Bandici L., Teusdea A, Turcin V., Popa D., Bandici G., 2017, The bioactive compounds, antioxidant capacity, and color intensity in must and wines derived from grapes processed by pulsed electric field. CyTA – Journal of Food, 15 (4), 553–562		
			Siddeeg, Azhari; Zeng, Xin-An; Rahaman, Abdul; et al.2019.Effect of Pulsed Electric Field Pretreatment of Date Palm Fruits on Free Amino Acids, Bioactive Components, and Physicochemical Characteristics of the Alcoholic Beverage. JOURNAL OF FOOD SCIENCE Volume: 84 Issue: 11 Pages: 3156- 3162	10/6	1.67
			Siddeeg, Azhari; Zeng, Xin-An; Rahaman, Abdul; et al.2019 Quality characteristics of the processed dates vinegar under influence of ultrasound and pulsed electric field treatments. JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE Volume: 56 Issue: 9 Pages: 4380-4389	10/6	1.67
			Shree, Thulasidas Jeya; Sree, Varadarajan Gowri; Poompavai, Sadasivam; et al.2019.Inhibition of Proliferation of HeLa Cells by Pulsed Electric Field Treated Mentha piperita (Mint) Extract. IETE JOURNAL OF RESEARCH	10/6	1.67
			Miccoli, Angela; Restani, Patrizia; Floroian, Laura; et al.2018. REVISTA DE CHIMIE Volume: 69 Issue: 4 Pages: 854-859 Sensitive Electrochemical Detection Method of Melatonin in Food Supplements	10/6	1.67
			Samuel, A.D., Tit, D.M., Melinte, C.E., (...), Gitea, M., Bungau, S.2017.Enzymological and physicochemical evaluation of the effects of soil management practices.Revista de Chimie 68(10), pp. 2243-2247	10/6	1.67
			Cavalu, S., Prokisch J., Laslo V., Vicas S. 2017. Preparation, Structural Characterisation and Release Study of Novel Hybrid Microspheres Entrapping Nano-Selenium, Produced by Green Synthesis, IET Nanobiotechnology, 11 (4), 426 - 432		
			Hosnedlova, Bozena; Kepinska, Marta; Skalickova, Sylvie; et al.2018 INTERNATIONAL JOURNAL OF NANOMEDICINE Volume: 13 Pages: 2107- 2128	10/4	2.5
			Laslo V, Teusdea AC, Socaci SA, Mierlita D, Vicas SI.2017. Influence of Pasteurization on Total Phenols Content and Antioxidant Capacity of Prunus persica L. Juices. Not Bot Horti Agrobi, 45(2):553-560		
			Kedziora-Koch, Kamila; Wasiak, Wieslaw.2018. JOURNAL OF CHROMATOGRAPHY A Volume: 1565 Pages: 1-18	10/5	2
			Mierlita D., Vicas S., 2015, Dietary effect of silage type and combination with camelina seed on milk fatty acid profile and antioxidant		

		Ratusz, Katarzyna; Symoniuk, Edyta; Wroniak, Malgorzata; et al.2018. Bioactive Compounds, Nutritional Quality and Oxidative Stability of Cold-Pressed Camelina (Camelina sativa L.) Oils. APPLIED SCIENCES-BASEL Volume: 8 Issue: 12	10/2	5
		Dolis, Marius Gheorghe; Boisteanu, Paul Corneliu; Usturoi, Marius Giorgi; et al.2018. REVISTA DE CHIMIE Volume: 69 Issue: 2 Pages: 439-444	10/2	5
		Obour, Augustine K.; Chen, Chengci; Sintim, Henry Y.; et al.2018 INDUSTRIAL CROPS AND PRODUCTS Volume: 111 Pages: 22-29	10/2	5
		Steppa, R.; Cieslak, A.; Szumacher-Strabel, M.; et al.2017. SMALL RUMINANT RESEARCH Volume: 156 Pages: 20-26	10/2	5
		Duru, M.; Bastien, D.; Froidmont, E.; et al.2017. FOURRAGES Issue: 230 Pages: 131-140	10/2	5
		Kalac, Pavel.2017. EFFECTS OF FORAGE FEEDING ON MILK: BIAOCTIVE COMPOUNDS AND FLAVOR Pages: 23-124	10/2	5
		Berti, Marisol; Gesch, Russ; Eynck, Christina; et al.2016. INDUSTRIAL CROPS AND PRODUCTS Volume: 94 Pages: 690-710	10/2	5
		Vicaș L, Teușdea A, Vicaș S*, Marian E, Jurca T, Mureșan M, Gligor F, 2015, Assessment of Antioxidant Capacity of Some Extracts for Further		
		Lukova, Paolina; Karcheva-Bahchevanska, Diana; Dimitrova-Dyulgerova, Ivanka; et al.2018. FARMACIA Volume: 66 Issue: 4 Pages: 609-614	10/7	1.43
		Hangan, Adriana Corina; Stan, Roxana Liana; Turza, Alexandru; et al.2017. TRANSITION METAL CHEMISTRY Volume: 42 Issue: 2 Pages: 153-164	10/7	1.43
		Sevastre, Bogdan; Sarpataki, Orsolya; Stan, Roxana Liana; et al.2017. FARMACIA Volume: 65 Issue: 1 Pages: 56-62	10/7	1.43
		Iancu, Cristina Elena; Cioanca, Oana; Hancianu, Monica; et al.2016. FARMACIA Volume: 64 Issue: 6 Pages: 840-843	10/7	1.43
		Krol, Beata; Paszko, Tadeusz; Krol, Anna.2016. FARMACIA Volume: 64 Issue: 6 Pages: 881-886	10/7	1.43
		Purcarea, Cornelia; Teusdea, Alin Cristian; Chis, Adriana Monica.2016. REVISTA DE CHIMIE Volume: 67 Issue: 11 Pages: 2129-2133	10/7	1.43
		Isaia, Ancuta Ioana; Cata, Adina; Olah, Neli Kinga; et al.2016. REVISTA DE CHIMIE Volume: 67 Issue: 10 Pages: 2001-2004	10/7	1.43
		Pisoschi, Aurelia Magdalena; Pop, Aneta; Cimpeanu, Carmen; et al.2016. OXIDATIVE MEDICINE AND CELLULAR LONGEVITY Article Number: 9130976	10/7	1.43
		Micle O., Vicas SI*, Ratiu I., Vicas L., Muresan M., 2015, Cystatin C, a low molecular weight protein in chronic renal failure, Farmacia, 63 (6),		
		Fadel, Fatina I.; Mourad, Abbass A.; Rahman, Azza M. O. Abdel; et al.2017. PEDIATRIC NEPHROLOGY Volume: 32 Issue: 9 Pages: 1603-	10/5	2

		Antonescu A., Vicas SI*, Teusdea AC, Ratiu I, Antonescu A, Micle O, Vicas L, Muresan M, Gligor F, 2014, The levels of serum biomarkers of Inflammation in hemodialysis patients Farmacia, 62 (5), 950-960		
		Nechita, Ana-Maria; Pituru, Silviu; Radulescu, Daniela; et al.2016. FARMACIA Volume: 64 Issue: 3 Pages: 348-357	10/9	1.11
		Navolan, Dan; Craciunescu, Mihaela; Ciohat, Ioana; et al.2016. REVISTA DE CHIMIE Volume: 67 Issue: 5 Pages: 991-994	10/9	1.11
		Vicas S., Prokisch J., Rugina D., Socaciu C., 2009, Hydrophilic and Lipophilic Antioxidant Activities of Mistletoe (Viscum album) as determined by FRAP method, Notulae Botanicae, 37 (2), 112-11		
		Srdic-Rajic, T., Santibañez, J. F., Kanjer, K., Tisma-Miletic, N., Cavic, M., Galun, D., & Zoranovic, T. (2017). Iscador Qu inhibits doxorubicin-induced senescence of MCF7 cells. Scientific reports, 7(1), 3763.	10/4	2.5
		Marvibaigi M et al., 2016. Antioxidant Activity and ROS-Dependent Apoptotic Effect of Scurrula ferruginea (Jack) Danser Methanol Extract in Human Breast Cancer Cell MDA-MB-231. PloS one. 11(7).	10/4	2.5
		Patel S, Sneha Shende, Sumit Arora, Ashish K Singh, 2013, An assessment of the antioxidant potential of coriander extracts in ghee when stored at high temperature and during deep fat frying; International Journal of Dairy Technology, 66 (2), 207-213	10/4	2.5
		Constant Anatole Pieme, Jeanne Ngogang, Marietta Costache, 2012, In vitro antiproliferative and anti-oxidant activities of methanol extracts of Urena lobata and Viscum album against breast cancer cell lines; Toxicological & Environmental Chemistry, 94 (5), 987-999.	10/4	2.5
		Chedea V., Vicaș S., Socaciu S., 2008, Kinetics of soybean lipoxygenase are related to pH, substrate availability and extraction procedures,		
		Ahsan, Samreen; Zahoor, Tahir; Shehzad, Aamir; et al.2019. Biochemical and nutritional characterization of different soybean varieties cultivated in Pakistan. PAKISTAN JOURNAL OF AGRICULTURAL SCIENCES Volume: 56 Issue: 1 Pages: 131-139	10/3	3.33
		Kollárová, R., Holková, I., Rauová, D., Bálintová, B., Mikuš, P., & Obložinský, M. (2017). HPLC Analysis and Biochemical Characterization of LOX from Eschscholtzia californica Cham. Molecules, 22(11), 1899	10/3	3.33
		Hayward, Stefan; Cilliers, Tertius; Swart, Pieter.2017. Lipoxygenases: From Isolation to Application. Comprehensive reviews in food science and food safety Volume: 16 Issue: 1 Pages: 199-211		
		Hayward, S., Cilliers, T., & Swart, P. (2017). Lipoxygenases: From Isolation to Application. Comprehensive Reviews in Food Science and Food Safety, 16(1), 199-211.	10/3	3.33
		Stephany, M., Bader-Mittermaier, S., Schweiggert-Weisz, U., & Carle, R. (2015). Lipoxygenase activity in different species of sweet lupin (Lupinus L.) seeds and flakes. Food chemistry, 174, 400-406.	10/3	3.33

			Mandal, Somnath; Dahuja, Anil; Santha, I. M.2014. Lipoxigenase activity in soybean is modulated by enzyme-substrate ratio. JOURNAL OF PLANT BIOCHEMISTRY AND BIOTECHNOLOGY Volume: 23 Issue: 2 Pages: 217-220	10/3	3.33
			Mandal, Somnath; Dahuja, Anil; Kar, Abhijit; et al.2014. In vitro kinetics of soybean lipoxigenase with combinatorial fatty substrates and its functional significance in off flavour development. FOOD CHEMISTRY Volume: 146 Pages: 394-403	10/3	3.33
			Vicas SI, Veronica Sanda Chedea, Carmen Socaciu, 2011, Inhibitory effects of isoflavones on soybean lipoxigenase-1 activity; Journal of Food Biochemistry		
			Andres Del Angel-Coronel, Oscar; Leon-Garcia, Elizabeth; Vela-Gutierrez, Gilber; et al.2018. Lipoxigenase activity associated to fruit ripening and senescence in chayote (Sechium edule Jacq. Sw. cv. "virens levis"). JOURNAL OF FOOD BIOCHEMISTRY Volume: 42 Issue: 1	10/3	3.33
			Srivastava, Pavan; Vyas, Vivek K.; Variya, Bhavesh; et al.2016. Synthesis, anti-inflammatory, analgesic, 5-lipoxygenase (5-LOX) inhibition activities, and molecular docking study of 7-substituted coumarin derivatives. BIOORGANIC CHEMISTRY Volume: 67 Pages: 130-138	10/3	3.33
			Ribeiro, Daniela; Freitas, Marisa; Tome, Sara M.; et al.2014. Inhibition of LOX by flavonoids: a structure-activity relationship study. EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY Volume: 72 Pages: 137-145	10/3	3.33
			Shajib, Md. Tariqul Islam; Pedersen, Hans Albert; Mortensen, Anne Garfield; et al.2012. Phytotoxic Effect, Uptake, and Transformation of Biochanin A in Selected Weed Species JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY Volume: 60 Issue: 43 Pages: 10715-10722	10/3	3.33
			Stephany M, Stephanie Bader-Mittermaier, Ute Schweiggert-Weisz, Reinhold Carle, 2015, Lipoxigenase activity in different species of sweet lupin (Lupinus L.) seeds and flakes; Food Chemistry, 174, 400-406	10/3	3.33
			Socaci S., C Socaciu, C Mureşan, A Fărcaş, Ma Tofană, Vicaş S.I., A Pinte, 2014, Chemometric Discrimination of Different Tomato Cultivars Based on Their Volatile Fingerprint in Relation to Lycopene and Total Phenolics Content", Phytochemical Analysis, 25 (2), 161-169		
			Kharbach, Mourad; Marmouzi, Ilias; El Jemli, Meryem; et al.2020. Recent advances in untargeted and targeted approaches applied in herbal-extracts and essential-oils fingerprinting - A review JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS Volume: 177 Article Number: UNSP 112849	10/7	1.43
			Oluk, Aylin Celile; Ata, Atilla; Unlu, Mustafa; et al. 2019. Biochemical Characterisation and Sensory Evaluation of Differently Coloured and Shaped Tomato Cultivars NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA Volume: 47 Issue: 3 Pages: 599-607	10/7	1.43
			Tulukcu, Eray; Cebi, Nur; Sagdic, Osman. 2019. Chemical Fingerprinting of Seeds of Some Salvia Species in Turkey by Using GC-MS and FTIR. FOODS Volume: 8 Issue: 4	10/7	1.43

			Lee, Jisun H. J.; Jayaprakasha, G. K.; Avila, Carlos A.; et al. 2019. Metabolomic studies of volatiles from tomatoes grown in net-house and open-field conditions. FOOD CHEMISTRY Volume: 275 Pages: 282-291	10/7	1.43
			Chis, Maria Simona; Paucean, Adriana; Stan, Laura; et al. 2019. Impact of protein metabolic conversion and volatile derivatives on gluten-free muffins made with quinoa sourdough. CYTA-JOURNAL OF FOOD Volume: 17 Issue: 1 Pages: 744-753	10/7	1.43
			Fogarasi, Melinda; Socaci, Sonia A.; Fogarasi, Szabolcs; et al. 2019. Evaluation of biochemical and microbiological changes occurring in fresh cheese with essential oils during storage time STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 64 Issue: 2 Pages: 527-537 Part: 2	10/7	1.43
			Kedziora-Koch, Kamila; Wasiak, Wieslaw. 2018. Needle-based extraction techniques with protected sorbent as powerful sample preparation tools to gas chromatographic analysis: Trends in application. JOURNAL OF CHROMATOGRAPHY A Volume: 1565 Pages: 1-18	10/7	1.43
			Miccoli, Angela; Restani, Patrizia; Floroian, Laura; et al. 2018. Sensitive Electrochemical Detection Method of Melatonin in Food Supplements. REVISTA DE CHIMIE Volume: 69 Issue: 4 Pages: 854-859	10/7	1.43
			Pop, Carmen R.; Topan, Catalina; Rotar, Ancuta M.; et al. 2018. The Evaluation of the Sensory and Microbiological Properties of the Yogurt Supplemented with Achillea melifolium and Solanum muricatum. BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY Volume: 75 Issue: 1 Pages: 93-95	10/7	1.43
			Samuel, Alina Dora; Tit, Delia Mirela; (Frunzulica), Carmen Elena Melinte; et al. 2017. Enzymological and Physicochemical Evaluation of the Effects of Soil Management Practices. REVISTA DE CHIMIE Volume: 68 Issue: 10 Pages: 2243-2247	10/7	1.43
			Lubes, G., & Goodarzi, M. (2017). Analysis of Volatile Compounds by Advanced Analytical Techniques and Multivariate Chemometrics. Chemical Reviews, 117(9), 6399-6422.	10/7	1.43
			Cortina, P. R., Asis, R., Peralta, I. E., Asprelli, P. D., & Santiago, A. N. (2017). Determination of volatile organic compounds in Andean tomato landraces by headspace solid phase microextraction-gas chromatography-mass spectrometry. Journal of the Brazilian Chemical Society, 28(1), 30-41	10/7	1.43
			Vlaic, R., Socaci, S., Muresan, A. E., Muresan, C., Moldovan, O. P., Muste, S., & Muresan, V. (2017). Bioactive Compounds and Volatile Profile Dynamics During Fruit Growth of Several Plums Cultivars. Journal of Agricultural Science and Technology, 19, 1565-1576.	10/7	1.43
			BORȘ, M. D., Semeniuc, C. A., Socaci, S., Vlaic, R., Moldovan, O. P., Pop, A. V., & TOFANĂ, M. (2017). The influence of variety and processing on the total phenolic content and antioxidant activity of mustard. Romanian Biotechnological Letters, 22(3), 12514.	10/7	1.43

			McBride C S, Felix Baier, Aman B Omondi, Sarabeth A Spitzer, Joel Lutomiah, Rosemary Sang, Rickard Ignell, Leslie B Vosshall, 2014, Evolution of mosquito preference for humans linked to an odorant receptor; Nature 515 (7526), 222-227	10/7	1.43
			Yan B, Zhonghua Fang, Lijuan Shen, Haibin Qu, 2015, Root Cause Analysis of Quality Defects Using HPLC-MS Fingerprint Knowledgebase for Batch-to-batch Quality Control of Herbal Drugs; Phytochemical Analysis, DOI: 10.1002/pca.2559	10/7	1.43
			Vicas S., Rugina D., Socaciu C., 2011 Comparative Study about Antioxidant Activities of Viscum Album from Different Host Trees, Harvested in Different Seasons, Journal of Medicinal Plant Research , 5(11), 2237-2244.		
			Tahirovic, A.; Basic, N. 2017. Determination of phenolic content and antioxidant properties of methanolic extracts from Viscum album ssp. album Beck. GLASNIK HEMICARA I TEHNOLOGA BOSNE I HERCEGOVINE Issue: 49 Pages: 25-30	10/3	3.33
			Marvibaigi M et al., 2016. Antioxidant Activity and ROS-Dependent Apoptotic Effect of Scurrula ferruginea (Jack) Danser Methanol Extract in Human Breast Cancer Cell MDA-MB-231. PloS one. 11(7).	10/3	3.33
			Lim et al., 2016. Parasitic Mistletoes of the Genera Scurrula and Viscum: From Bench to Bedside. Molecules. 21(8).1048	10/3	3.33
			Jacek Patykowski, Jeremi Kolodziejek. 2016. Changes in antioxidant enzyme activities of European mistletoe (Viscum album L. subsp. album) leaves as a response to environmental stress caused by pollution of the atmosphere by nitrogen dioxide. Polish Journal of Environmental Studies. 25 (2).	10/3	3.33
			Orhan DD, Fatma Sezer Senol, Sanem Hosbas, Ilkay Erdogan Orhan, 2014, Assessment of cholinesterase and tyrosinase inhibitory and antioxidant properties of Viscum album L. samples collected from different host plants and its two principal substances; Industrial Crops and Products, 62, 341-349	10/3	3.33
			Vicaș S., Chedea V., Socaciu S., 2011 Inhibitory effects of isoflavones on soybean lipoxygenase-1 activity, Journal of Food Biochemistry, 35,		
			"Ribeiro D, Marisa Freitas, Sara M Tomé, Artur MS Silva, Graça Porto, Eurico J Cabrita, M Manuel B Marques, Eduarda Fernandes, 2014, Inhibition of LOX by flavonoids: a structure-activity relationship study; European journal of medicinal chemistry, 72, 137-145	10/3	3.33
			Shajib MTI, Hans Albert Pedersen, Anne Garfield Mortensen, Per Kudsk, Inge S Fomsgaard, 2012, Phytotoxic effect, uptake, and transformation of biochanin A in selected weed species; Journal of agricultural and food chemistry, 66 (43), 10715-10722	10/3	3.33
			Srivastava et al., 2016. Synthesis, anti-inflammatory, analgesic, 5-lipoxygenase (5-LOX) inhibition activities, and molecular docking study of 7-substituted coumarin derivatives. Bioorganic chemistry. 67.130-138	10/3	3.33
			Ángel-Coronel, D., Andrés, O., León-García, E., Vela-Gutiérrez, G., Rojas-Reyes, J. O., Gómez-Lim, M. Á., & García, H. S. Lipoxygenase activity associated to fruit ripening and senescence in chayote (Sechium edule Jacq. Sw. cv. "virens levis"). Journal of Food Biochemistry	10/3	3.33

			Vicas S.I., Teusdea A., Carbutar M., Socaci S., Socaciu C., 2013, Glucosinolates Profile and Antioxidant Capacity of Romanian Brassica		
			Ticona, LNA ; Perez, VT; Benito, PB. 2020. Local/traditional uses, secondary metabolites and biological activities of Mashua (<i>Tropaeolum tuberosum</i> Ruiz & Pavon). JOURNAL OF ETHNOPHARMACOLOGY, 247, Article Number: UNSP 112152	10/5	2
			Ozuna, C et al., 2019. The effect of organic farming on total phenols, total flavonoids, brown compounds and antioxidant activity of spent coffee grounds from Mexico. BIOLOGICAL AGRICULTURE & HORTICULTURE. DOI: 10.1080/01448765.2019.1704876	10/5	2
			Bonasia, A et al., 2019. Post-harvest performance of ready-to-eat wild rocket salad as affected by growing period, soilless cultivation system and genotype. POSTHARVEST BIOLOGY AND TECHNOLOGY, 156, Article Number: UNSP 110909	10/5	2
			Oancea, S. et al. 2019. Content of Phenolics, in vitro Antioxidant Activity and Cytoprotective Effects against Induced Haemolysis of Red Cabbage Extracts. ROMANIAN BIOTECHNOLOGICAL LETTERS Volume: 24 Issue: 1 Pages: 1-9	10/5	2
			Novotny, Cenek; Schulzova, Vera; Krmela, Ales; et al.2018.MOLECULES Volume: 23 Issue: 8 Article Number: 1855	10/5	2
			Li, Zhifeng; Lee, Hui Wen; Liang, Xu; et al.2018.MOLECULES Volume: 23 Issue: 5	10/5	2
			Ku, Yang Gyu; Kang, Dong Hyeon; Lee, Choung Keun; et al.2018.FOOD CHEMISTRY Volume: 244 Pages: 349-358	10/5	2
			Neugart, Susanne; Baldermann, Susanne; Hanschen, Franziska S.; et al.2018.SCIENTIA HORTICULTURAE Volume: 233 Pages: 460-478	10/5	2
			Capriotti, Anna Laura; Cavaliere, Chiara; La Barbera, Giorgia; et al.2018.TALANTA Volume: 179 Pages: 792-802	10/5	2
			Marian, Eleonora; Vicas, Laura Gratiela; Jurca, Tunde; et al.2018.REVISTA DE CHIMIE Volume: 69 Issue: 2 Pages: 365-370	10/5	2
			Hirano, Marina; Takeda, Shogo; Hito, Shoketsu; et al.2018.FUNCTIONAL FOODS IN HEALTH AND DISEASE Volume: 8 Issue: 1 Pages: 35-48	10/5	2
			Šamec, D., Pavlović, I., & Salopek-Sondi, B. (2017). White cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> f. <i>alba</i>): botanical, phytochemical and pharmacological overview. <i>Phytochemistry Reviews</i> , 16(1), 117-135.	10/5	2
			Possenti, M., Baima, S., Raffo, A., Durazzo, A., Giusti, A. M., & Natella, F. (2017). Glucosinolates in Food. <i>Glucosinolates</i> , 87-132.	10/5	2
			Robin et al., 2016, Expression profiling of glucosinolate biosynthetic genes in <i>Brassica oleracea</i> L. var. <i>capitata</i> inbred lines reveals their association with glucosinolate content, <i>Molecules</i> , 21 (6), 787	10/5	2
			Possenti M et al., 2016. <i>Glucosinolates in Food</i> . Springer International Publishing Switzerland 2016 J.-M. Mérillon, K.G. Ramawat (eds.), <i>Glucosinolates</i> , Reference Series in	10/5	2

			Vieites-Outes et al., 2016. Modification of glucosinolates in turnip greens (<i>Brassica rapa</i> subsp. <i>rapa</i> L.) subjected to culinary heat processes. <i>CyTA-Journal of Food</i> . 4, 536-540	10/5	2
			Saurabh Awasthi, NT Saraswathi, Sinigrin, a major glucosinolate from cruciferous vegetables restrains non-enzymatic glycation of albumin, <i>International journal of biological macromolecules</i> , 2016 , 83, 410-415	10/5	2
			Jurca, Tunde; Vicas, Laura; Toth, Imre; et al.2016.FARMACIA Volume: 64 Issue: 4 Pages: 581-587	10/5	2
			Awasthi, Saurabh; Saraswathi, N. T.2016. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES Volume: 83 Pages: 410-415	10/5	2
			Vieites-Outes, Concepcion; Lopez-Hernandez, Julia; Asuncion Lage-Yusty, Maria.2016. CYTA-JOURNAL OF FOOD Volume: 14 Issue: 4 Pages: 536-540	10/5	2
			Bhandari, Shiva Ram; Jo, Jung Su; Lee, Jun Gu.2015. MOLECULES Volume: 20 Issue: 9 Pages: 15827-15841	10/5	2
			Bongoni R, Ruud Verkerk, Bea Steenbekkers, Matthijs Dekker, Markus Stieger, 2014, Evaluation of different cooking conditions on broccoli (<i>Brassica oleracea</i> var. <i>italica</i>) to improve the nutritional value and consumer acceptance; <i>Plant Foods for Human Nutrition</i> , 69(3), 228-234	10/5	2
			Shiva Ram Bhandari, Jung Su Jo, Jun Gu Lee, Comparison of Glucosinolate Profiles in Different Tissues of Nine Brassica Crops. <i>Molecules</i> , 20 (9),15827-15841	10/5	2
			Vicaș S., Rugina D., Socaci C., 2008, Antioxidant activities of <i>Viscum album</i> 's leaves from various host trees, <i>Bulletin UASVM, Agriculture, Cluj-Napoca</i> , 65 (1), 327-332.		
			Marvibaigi M et al., 2016. Antioxidant Activity and ROS-Dependent Apoptotic Effect of <i>Scurrula ferruginea</i> (Jack) Danser Methanol Extract in Human Breast Cancer Cell MDA-MB-231. <i>PloS one</i> . 11(7).	10/3	3.33
			Lim et al., 2016. Parasitic Mistletoes of the Genera <i>Scurrula</i> and <i>Viscum</i> : From Bench to Bedside. <i>Molecules</i> . 21. 1048	10/3	3.33
			Fitrilia, T., Bintang, M., & Safithri, M. (2015). Phytochemical screening and antioxidant activity of clove mistletoe leaf extract (<i>Dendrophthoe pentandra</i> (L.) Miq.). <i>IOSR Journal of Pharmacy</i> , 5(8), 13-18.	10/3	3.33
			Marvibaigi, M., Amini, N., Supriyanto, E., Jamil, S., Abdul Majid, F. A., & Khangholi, S. (2014). Total phenolic content, antioxidant and antibacterial properties of <i>Scurrula ferruginea</i> extracts. <i>J. Teknol</i> , 5, 65-72.	10/3	3.33
			Sadananda, T. S., Govindappa, M., & Ramachandra, Y. L. (2013). Antibacterial activity of <i>Viscum album</i> endophytic fungal lectin. <i>International Journal of Biological & Pharmaceutical Research</i> , 4(12), 1033-1042.	10/3	3.33
			Katsarou, A., Rhizopoulou, S., & Kefalas, P. (2012). Antioxidant potential of the aerial tissues of the mistletoe <i>Loranthus europaeus</i> Jacq. <i>Records of Natural Products</i> , 6(4), 394.	10/3	3.33

		Patykowski J, Jeremi Kołodziejek, 2013, Comparative analysis of antioxidant activity in leaves of different hosts infected by mistletoe (<i>Viscum album</i> L. subsp. <i>album</i>); Archives of Biological Sciences, 65 (3), 851-861	10/3	3.33
		Sadananda TS, M Govindappa, YL Ramachandra, 2013, Antibacterial Activity Of <i>Viscum Album</i> Endophytic Fungal Lectin , International Journal of Biological & Pharmaceutical Research, 4(12), 1033-1042	10/3	3.33
		Katsarou A, Sophia Rhizopoulou, Panagiotis Kefalas, 2012, Antioxidant Potential of the Aerial Tissues of the Mistletoe <i>Loranthus europaeus</i> Jacq.; Records of Natural Products, 6 (4), 394-397	10/3	3.33
		Anne A, Mogensen Peter, Adersen Henning, 2011, Angiotensin-converting enzyme inhibitory activity of <i>Viscum triflorum</i> is host plant-dependent; Pharmaceutical Biology, 49,(3) 302-305	10/3	3.33
		Vicas S. I., Dumitrita Rugina and Carmen Socaciu (2012). Antioxidant Activity of European Mistletoe (<i>Viscum album</i>), <i>Phytochemicals as Nutraceuticals - Global Approaches to Their Role in Nutrition and Health</i> , Dr Venketeshwer Rao (Ed.), ISBN: 978-953-51-0203-8, InTech		
		Min Jung Kim, Jong-Heum Park, Dae Young Kwon, Hye Jeong Yang, Da Sol Kim, Suna Kang, Bae Keun Shin, Na Rang Moon, Beom-Seok Song, Jae-Hun Kim, Sunmin Park, 2015, The supplementation of Korean mistletoe water extracts reduces hot flushes, dyslipidemia, hepatic steatosis, and muscle loss in ovariectomized rats, Experimental Biology and Medicine, 240(4), 477-487	10/3	3.33
		Jolanta Nazaruk, Przemysław Orlikowski, 2015, Phytochemical profile and therapeutic potential of <i>Viscum album</i> L., Natural product research, 1-13	10/3	3.33
		Segneanu, A. E., Velcirov, S. M., Olariu, S., Cziple, F., Damian, D., & Grozescu, I. (2017). Bioactive Molecules Profile from Natural Compounds. In <i>Amino Acid-New Insights and Roles in Plant and Animal</i> . InTech.	10/3	3.33
		Urech, K., & Baumgartner, S. (2015). Chemical constituents of <i>Viscum album</i> L.: implications for the pharmaceutical preparation of mistletoe. In <i>Mistletoe: From Mythology to Evidence-Based Medicine</i> (Vol. 4, pp. 11-23). Karger Publishers.	10/3	3.33
		Addai, Z. R. (2016). Phytochemicals Screening and Evaluation of Antioxidants and Antibacterial Activities of Five Medicinal Plants. <i>International Journal of Pharmacognosy and Phytochemical Research</i> , 8(3), 393-397	10/3	3.33
		Patykowski, J., & Kołodziejek, J. (2016). Changes in Antioxidant Enzyme Activities of European Mistletoe (<i>Viscum album</i> L. subsp. <i>Album</i>) Leaves as a Response to Environmental Stress Caused by Pollution of the Atmosphere by Nitrogen Dioxide. <i>Polish Journal of Environmental Studies</i> , 25(2).	10/3	3.33
		Lim et al., 2016. Parasitic Mistletoes of the Genera <i>Scurrula</i> and <i>Viscum</i> : From Bench to Bedside. <i>Molecules</i> . 21. 1048	10/3	3.33
		Bashir Dar, K., Hussain Bhat, A., Amin, S., Masood, A., Afzal Zargar, M., & Ahmad Ganie, S. (2016). Inflammation: A Multidimensional Insight on Natural Anti-Inflammatory Therapeutic Compounds. <i>Current medicinal chemistry</i> , 23(33), 3775-3800.	10/3	3.33

		Jacek Patykowski, Jeremi Kolodziejek. 2016. Changes in antioxidant enzyme activities of European mistletoe (<i>Viscum album</i> L. subsp. <i>album</i>) leaves as a response to environmental stress caused by pollution of the atmosphere by nitrogen dioxide. Polish Journal of Environmental Studies. 25 (2).	10/3	3.33
		Jurca T., Vicas L., Marian E., Vicas S., Muresan M., 2016, A new natural antioxidant supplement – design and development, Farmacia, 64 (1), 135-142		
		Chang, Yan-Li; Shen, Meng; Ren, Xue-Yang; et al.2018. Multi-Response Extraction Optimization Based on Anti-Oxidative Activity and Quality Evaluation by Main Indicator Ingredients Coupled with Chemometric Analysis on Thymus quinquecostatus Celak. MOLECULES Volume: 23 Issue: 4	10/5	2
		Grabek-Lejko, Dorota; Slowik, Justyna; Kasprzyk, Idalia.2018. Activity of selected honey types against staphylococcus aureus methicillin susceptible (mssa) and methicillin resistant (mrsa) bacteria and its correlation with hydrogen peroxide, phenolic content and antioxidant capacity. FARMACIA Volume: 66 Issue: 1 Pages: 37-43	10/5	2
		Hangan, Adriana Corina; Stan, Roxana Liana; Sevastre, Bogdan; et al.2017. DNA CLEAVAGE STUDY AND SOD-MIMETIC ACTIVITY OF A NEW Cu(II) COMPLEX. FARMACIA Volume: 65 Issue: 3 Pages: 368-373	10/5	2
		Bekyarova, Ganka; Tzaneva, Maria; Bratoeva, Kamelia; et al.2017. HEME-OXYGENASE-1 UPREGULATED BY S-ADENOSYLMETHIONINE. POTENTIAL PROTECTION AGAINST NON-ALCOHOLIC FATTY LIVER INDUCED BY HIGH FRUCTOSE DIET. FARMACIA Volume: 65 Issue: 2 Pages: 262-267	10/5	2
		Berbecaru-Iovan, Anca; Andrei, Ana Marina; Nicolae, Alina Crenguta; et al.2016. RESEARCH CONCERNING METABOLIC AND ANTIOXIDANT EFFECTS OF THE ETHANOLIC EXTRACT FROM SYRINGAE VULGARIS FLOS F. ALBA IN STREPTOZOTOCIN-INDUCED DIABETIC RATS FARMACIA Volume: 64 Issue: 5 Pages: 722-727	10/5	2
		Tatarina, Gabriela; Stan, Catalina; Mircea, Cornelia; et al.2016. ANTIOXIDANT EVALUATION OF SOME COUMARIN DERIVATIVES. FARMACIA Volume: 64 Issue: 4 Pages: 533-538	10/5	2
			TOTAL	378.1
3.2. Citari in reviste si volumele conferintelor BDI			5/nr aut art.citat	
		Fritea L, Laslo V, Cavalu S, Costea T, Vicas S. 2017. Green Biosynthesis of Selenium Nanoparticles using Parsley (<i>Petroselinum Crispum</i>) Leaves Extract. Studia Universitatis "Vasile Goldis" din Arad, Seria Stiintele Vietii 27 (3), 203-208		
		R Hassanien, AAI Abed-Elmageed et al. 2019. Eco-Friendly Approach to Synthesize Selenium Nanoparticles: Photocatalytic Degradation of Sunset Yellow Azo Dye and Anticancer Activity- ChemistrySelect, 2019 - Wiley Online Library	5/5	1
		M Kazemi, A Akbari, S Soleimanpour, N Feizi...2019. The Role of Green Reducing Agents in Gelatin-Based Synthesis of Colloidal Selenium Nanoparticles and Investigation of Their Antimycobacterial and Photocatalytic - Journal of Cluster	5/5	1

			AH Shar, MN Lakhan, J Wang...2019. Facile synthesis and characterization of selenium nanoparticles by the hydrothermal approach - Digest Journal of ..., - chalcogen.ro	5/5	1
			FA El Lateef Gharib, IM Zeid, SM Ghazi, EZ Ahmed Plants to Foliar Application of Sodium Selenate and Selenium Nanoparticles (SeNPs).- of - academia.edu J Nanomater Mol Nanotechnol 8: 4	5/5	1
3.3. Prezentări invitate in plenul unor manifestări științifice naționale si internaționale si Profesor invitat (exclusiv ERASMUS)	Punctaj unic pentru fiecare activitate	3.3.1. Internationale		20	
		Vicaș Simona Ioana, Bandici Gheorghe, Bandici Livia, Teușdea Alin.The influence of Pulse Electric Field (PEF) on the Quality of Wines. Review and dissemination.International Symposia "Risk Factors for Environment and Food Safety" & "Natural Resources and Sustainable Development" November 15--16, 2019, Oradea			20
		Vicaș SI, Alin Teușdea, Dorin Popa, Gheorghe Bandici, Livia Bandici - Obtaining High Quality White and Red Wines by Homogenization and Treating Grapes with Pulsed Electric Field. XVI International Conference RISK FACTORS OF FOOD CHAIN 19 - 21 September 2016, Rzeszow, Poland University of Rzeszow in Iwonicz, within 25 – 27 November 2016			20
		Synthesis of metallic nanoparticles by bacteria. Case study: Synthesis of nanoselenium by <i>Lactobacillus casei</i> and <i>L. fermentum</i> . 6th International Meeting of Young Food Technologists 5th Honey Seminar.Iwonicz, 27-29.10.2017			20
		Simona Vicas, IX International Students Scientific Camp "Comercial and ecological production of food" under the patronage Podkarpacki Branch of the Polish Society of Food Technologists, 11 – 14 February 2015			20
		Simona Vicas, Instute Hiscia, Society for Cancer Research, Arlesheim, Switzerland, September 2014			20
		Simona Vicas, 2nd honey seminar jointly with International Meeting of young food technologists,2014 Poland			20
		4th International Student Scientific Conference „Human - Nutrition - Environment”jointly with 1st Honey Seminar, Polonia, 17-19.05.2013, Glucosinolates, bioactive compounds of Brassica vegetables			20
		3.3.2. Nationale		5	
3.4.Membru in colectivele de redacție sau comitete științifice al revistelor si manifestărilor științifice, organizator de manifestări științifice,	Punctaj unic pentru fiecare activitate	3.4.1. ISI		15	
		3.4.2. BDI.		10	
		3.4.3. naționale si internaționale neindexate		5	
3.5. Recenzor pentru reviste		3.5.1. ISI		5*nr.ani	

		si manifestari stiintifice nationale si international (punctajul se acorda pentru fiecare revista si manifestare stiintifica o singura data/an, indiferent de numarul recenziilor)	Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca.	5	5
			Food Science and Technology		5
			Innovative food science and emerging technology		5
			J. Food Processing and Preservation		5
			J. Microb. Biotech Food		5
			J. of Food Biochemistry		5
			Food & Function		5
			3.5.2.BDI	2*nr.ani	
		3.6..Referent in comisii de doctorat	3.6.1.internationale	10x nr comisii	
			3.6.2. nationale	5x nr comisii	
			Drd Maria-Doinița Borș - Deciziei Rectorului Nr. 752/08.09.2015- USAMV Cluj		5
			Drd Melinda Nagy - Deciziei Rectorului Nr. 692/07.07.2016- USAMV Cluj		5
			Drd. Kovacs (Tocai) T. Mariana - Deciziei Rectorului Nr. 483/26.11.2018-Univ Oradea		5
		3.7. Premii	Premii naționale in domeniu	Premiu UEFISCDI PN-III-P1-1.1-PRECISI-2018-21348 pentru articolul in jurnalul Food&Function	5
				Premiu UEFISCDI_PNII_2774-- pentru articolul Glucosinolates Profile and Antioxidant Capacity of Romanian BrassicaVegetables Obtained by Organic and Conventional Agricultural Plant Foods for Human Nutrition	5
				Premiu CNCIS la rezultate cercetări tip articol pentru lucrarea: Kinetics of soybean lipoxygenase are related to pH, substrate availability and extraction procedures, Journal of Food	5
				Premiu CNCIS la rezultate cercetări tip articol pentru lucrarea – Hydrophilic and Lipophilic Antioxidant Activities of Mistletoe (Viscum album) - cod CNCIS 1280/2010	5
					5
		3.8.Membru in academii, organizații, asociații profesionale de prestigiu,	3.8.1.Academia Romana	100	
			3.8.2.ASAS, AOSR si academii de ramura	30	

		naționale si internaționale, apartență la organizații din domeniul educației si cercetăr	3.8.3.Conducere asociații profesionale	internaționale	30	
				Internaționale	10	
			3.8.4.Asociații profesionale	Naționale	5	
				Membru Asociatia Food for life		5
				Membru SRBBM		5
				Membru ASIAR		5
			Total A3			607.1

Condiții minimale

Formula de calcul a indicatorului de merit ($A = A1 + A2 + A3$)

$A1 = 217.72$ ($A1.1 = 141.42$; $A1.2 = 76.40$)

$A2 = 896,77$ ($A2.1 = 586,083$; $A2.2 = 195,69$; $A2.3 = 10$; $A2.4 = 105$)

$A3 = 607$ ($A3.1 = 378.1$; $A3.2 = 4$; $A3.3 = 140$; $A3.5 = 35$; $A3.6 = 15$; $A3.7 = 20$; $A3.8 = 15$)

Nr. crt.	Domeniul de activitate	Condiții Profesor	Punctaje obtinute
1	Activitatea didactică / profesională (A1)	Minim 100 puncte	217.72
2	Activitatea de cercetare (A2)	Minim 260 puncte	896.77
3	Recunoaștere și impactul activității(A3)	Minim 60 puncte	607.1
TOTAL		Minim 420 puncte	1721,59

Îndeplinirea de către candidat a standardelor minime naționale.

ÎNDEPLINIT		NEÎNDEPLINIT	
------------	--	--------------	--

Comisia de concurs

Președinte Comisie: Prof. univ. dr. ing. CHEREGI IOAN –Universitatea din Oradea

Membrii:

Prof. univ. dr. ing. TOFANĂ Maria –Universitatea de Științe Agricole și Medicină Veterinară Cluj Napoca

Prof. univ. dr. ing. ȘTEF Lavinia - Universitatea de Științe Agricole și Medicină Veterinară a Banatului

Prof. univ. dr. ing. SAVA Camelia – Universitatea Lucian Blaga Sibiu

Prof. univ. dr. ROTAR Ancuța - Universitatea de Științe Agricole și Medicină Veterinară Cluj Napoca