

# LISTA DE LUCRĂRI ȘTIINȚIFICE

## Alin Cristian TEUŞDEA

Şef lucrări fiz. dr. ing

Universitatea din Oradea

Facultatea de Protecția Mediului, Departamentul de Protecția Mediului

- **ORCID ID:** <https://orcid.org/0000-0002-3570-7271>
- **ResearcherID:** I-8232-2016
- **SCOPUS Author ID:** 24073803700.

**TEZĂ de DOCTORAT:** Doctor la Universitatea „Politehnica” din Timișoara, Facultatea de Electronică și Telecomunicații, Catedra de Măsurări și Electronică Optică, susținută în 03.12.2004 (confirmată prin ordin ministerial: în 14.03.2005), cu tema „*Contribuții la elaborarea corelațiilor optice și hibride*”; conducător științific: Prof. dr. ing. Sever CRIȘAN.

### I. Cărți de specialitate și capitole în monografii

**REVIEWS, REFINEMENTS AND NEW IDEAS IN FACE RECOGNITION**, Edited by Peter M. Corcoran, InTech, Janeza Trdine 9, 51000 Rijeka, Croatia, July 2011, **ISBN** 978-953-307-368-2: **CHAPTER 11** „Additive Noise Robustness of Phase-input Joint transform Correlators in Face Recognition”, **Alin C. Teusdea** and Gianina Adela Gabor, University of Oradea, Romania, pp. 225-248. (2011). **DOI:** 10.5772/19174; **WOS:** 000378836400012 - This book is indexed in the **Book Citation Index in Web of Science™ Core Collection (BKCI)**. BKCI is part of the Web of Science Core Collection (WoSCC) together with SCI Expanded, SSCI, AHCI and other databases. Available from: <https://www.intechopen.com/chapters/17178>

**Alin C. Teusdea**, Fizică generală prin aplicații practice, Editura Universității din Oradea, **2012**, cod 149, Ed. a 2-a, rev., **ISBN** 978-606-10-0778-3, 53(075.8)

Vicas SI., **Teusdea A.**, Laslo V., 2015, The changes of some secondary metabolites from fruits and vegetables grown under organic and conventional agricultural practices, in Green Education for a Green Economy, Ed. Universitatii din Oradea, ISBN 978-606-10-1512-2 , pp.147-159.

## Grape Pomace in Health and Disease Prevention

Veronica Sanda Chedea, PhD. (Editor) – Senior Scientist (CSI), Research Station for Viticulture and Enology, Blaj, România

Series: Nutrition and Diet Research Progress

BISAC: HEA017000; MED004000

DOI:<https://doi.org/10.52305/HINI5835>

## Chapter 2. Grape Pomace Generation Using Pulsed Electric Field Technology

Livia Bandici, Alin Cristian Teusdea, Adrian Cristian Oradan, Gheorghe Emil Bandici, Andreea Margareta Vlad and Simona Ioana Vicaș – Faculty of Electrical Engineering and Information Technology, University of Oradea, Oradea, Romania, et al.)

## II. Articole și lucrări științifice

Am publicat un număr de 111 de lucrări științifice în reviste de specialitate sau în volume ale unor manifestări științifice naționale sau internaționale, dintre care cele mai reprezentative sunt:

### A. ISI cu Factor de Impact

Nr	IF	Qs	Articol
1	1.888	Q3	Teusdea, Alin C.; Phase input joint transform correlators robustness to additive noise; ROMANIAN JOURNAL OF PHYSICS; Vol. 53; Issue 1-2; Pg. 57-63; DOI: ; 2008; National Conference on Applied PhysicsNational Conference on Applied PhysicsJUN 09-10, 2006JUN 09-10, 2006Galati, ROMANIA Galati, ROMANIA; ISSN 1221-146X; eISSN ; ISBN WOS:000255029300008;   Citari = 1
2	0.577	Q4	Sabau, N. C.; Sandor, M.; Domuta, C.; Teusdea, A. C.; Brejea, R.; Domuta, Cr.; VERIFICATION OF CONDITIONS FOR IRRIGATION WATER APPLICATION IN DRAINAGE EXPERIMENTAL FIELD IN AVRAM IANCU, THE BIHOR COUNTY (SUB-IRRIGATION) WITH DrainVSubIR PROGRAM; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 12; Issue 4A; Pg. 2322-2334; DOI: ; 2011; ; ISSN 1311-5065; eISSN ; ISBN WOS:000303274500036;   Citari = 2
3	0.577	Q4	Teusdea, A.; Modog, T.; THE DRAGAN DAM MONITORING BY THE FOURIER CORRELATION ANALYSIS OF THE HORIZONTAL DEFORMATIONS; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 13; Issue 1; Pg. 113-119; DOI: ; 2012; ; ISSN 1311-5065; eISSN ; ISBN WOS:000302843500015;   Citari = 1
4	0.577	Q4	Teusdea, A.; Fodor, E.; Haruta, O.; Gabor, G.; PATTERN RECOGNITION APPLIED TO Ips typographus AND Hylesinus fraxini (COLEOPTERA: SCOLYTIDAE) SYSTEMS OF GALLERIES; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 13; Issue 1; Pg. 331-337; DOI: ; 2012; ; ISSN 1311-5065; eISSN ; ISBN WOS:000302843500042;   Citari = 1
5	0.577	Q4	Teusdea, A. C.; Iovan, C.; Puscas, S.; USE OF THE HYDRO-ENERGETIC POTENTIAL OF THE WATERS FROM THE HYDROGRAPHIC BASIN OF THE CRISUL PIETROS IN THE TROUT PRODUCTION; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 13; Issue 4; Pg. 2386-2393; DOI: ; 2012; ; ISSN 1311-5065; eISSN ; ISBN WOS:000313926400040;   Citari = 1
6	0.577	Q4	Boja, F.; Boja, N.; Teusdea, A.; DECREASE OF THE POLLUTING EFFECT ON THE ENVIRONMENT THROUGH THE USAGE OF MODERN SPRAYERS; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 13; Issue 2A; Pg. 1008-1018; DOI: ; 2012; ; ISSN 1311-5065; eISSN ; ISBN WOS:000310557400026;   Citari = 3

Nr	IF	Qs	Articol
7	0.577	Q4	Boja, N.; Boja, F.; Teusdea, A.; Puscas, S.; Cartis, M.; STUDY ON THE IMPACT OF SOIL PROCESSING ON SOME PHYSICO-MECHANICAL PROPERTIES; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 13; Issue 2A; Pg. 941-950; DOI: ; 2012; ; ISSN 1311-5065; eISSN ; ISBN WOS:000310557400019;   Citari = 7
8	0.577	Q4	Boja, N.; Boja, F.; Teusdea, A.; Maior, C.; Darau, P. A.; RESEARCH REGARDING THE UNIFORMITY OF SPRINKLER IRRIGATION; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 14; Issue 4; Pg. 1661-1672; DOI: ; 2013; ; ISSN 1311-5065; eISSN ; ISBN WOS:000336189800022;   Citari = 6
9	3.931	Q1	Vicas, Simona I.; Teusdea, Alin C.; Carbunar, Mihai; Socaci, Sonia A.; Socaciu, Carmen; Glucosinolates Profile and Antioxidant Capacity of Romanian Brassica Vegetables Obtained by Organic and Conventional Agricultural Practices; PLANT FOODS FOR HUMAN NUTRITION; Vol. 68; Issue 3; Pg. 313-321; DOI: 10.1007/s11130-013-0367-8; 2013; ; ISSN 0921-9668; eISSN ; ISBN WOS:000323667000015;   Citari = 39
10	0.577	Q4	Popa, M.; Morar, D.; Timar, A.; Teusdea, A. C.; Popa, D.; STUDY CONCERNING THE POLLUTION OF THE MARINE HABITATS WITH THE MICROPLASTIC FIBRES; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 15; Issue 3; Pg. 916-923; DOI: ; 2014; ; ISSN 1311-5065; eISSN ; ISBN WOS:000342876200013;   Citari = 8
11	1.755	Q3	Antonescu, Angela; Vicas, Simona Ioana; Teusdea, Alin C.; Ratiu, Ioana; Antonescu, Ina Andreea; Micle, Otilia; Vicas, Laura; Muresan, Mariana; Gligor, Felicia; THE LEVELS OF SERUM BIOMARKERS OF INFLAMMATION IN HEMODIALYSIS PATIENTS; FARMACIA; Vol. 62; Issue 5; Pg. 950-960; DOI: ; 2014; ; ISSN 0014-8237; eISSN 2065-0019; ISBN WOS:000343631500013;   Citari = 2
12	0.577	Q4	Teusdea, A. C.; Timar, A.; Purcarea, C.; Bara, C.; ASSESSING THE QUALITY OF FISH PRODUCTS USING COLOUR IMAGE ANALYSIS; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 16; Issue 1; Pg. 81-91; DOI: ; 2015; ; ISSN 1311-5065; eISSN ; ISBN WOS:000353528800011;   Citari = 0
13	1.755	Q3	Vicas, Laura; Teusdea, Alin; Vicas, Simona; Marian, Eleonora; Tunde, Turca; Muresan, Mariana; Gligor, Felicia; ASSESSMENT OF ANTIOXIDANT CAPACITY OF SOME EXTRACTS FOR FURTHER USE IN THERAPY; FARMACIA; Vol. 63; Issue 2; Pg. 267-274; DOI: ; 2015; ; ISSN 0014-8237; eISSN 2065-0019; ISBN WOS:000353526900017;   Citari = 21
14	0.765	Q4	Vicas, Simona I.; Teusdea, Alin C.; Carbunar, Mihai; Timofte, Adrian; Laslo, Vasile; Socaci, Sonia A.; Socaciu, Carmen; HPLC Fingerprinting of Glucosinolates during Fermentations Assisted by Chemometric Analysis; ROMANIAN BIOTECHNOLOGICAL LETTERS; Vol. 20; Issue 6; Pg. 11067-11075; DOI: ; 2015; ; ISSN 1224-5984; eISSN ; ISBN WOS:000368248300020;   Citari = 1
15	1.516	Q3	Onet, A.; Teusdea, A.; Boja, N.; Domuta, C.; Onet, C.; Effects of common oak ( <i>Quercus robur L.</i> ) defoliation on the soil properties of an oak forest in Western Plain of Romania; ANNALS OF FOREST RESEARCH; Vol. 59; Issue 1; Pg. 33-47; DOI: 10.15287/afr.2016.544; 2016; ; ISSN 1844-8135; eISSN 2065-2445; ISBN WOS:000381649500003;   Citari = 3
16	0.577	Q4	Boja, N.; Boja, F.; Teusdea, A.; Darau, P. A.; Maior, C.; SOIL POROSITY AND COMPACTION AS INFLUENCED BY TILLAGE METHODS; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 17; Issue 4; Pg. 1315-1323; DOI: ; 2016; ; ISSN 1311-5065; eISSN ; ISBN WOS:000393355100006;   Citari = 7
17	0.577	Q4	Onet, A.; Cimpeanu, C.; Teusdea, A.; Pantea, S.; Modog, T.; EVALUATION OF THE SOIL PROPERTIES VARIABILITY IN RELATION TO DIFFERENT CROP TYPES; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 17; Issue 4; Pg. 1305-1314; DOI: ; 2016; ; ISSN 1311-5065; eISSN ; ISBN WOS:000393355100005;   Citari = 4
18	0	0	Vicas, Simona Ioana; Bandici, Livia; Teusdea, Alin Cristian; Bandici, Gheorghe Emil; Extraction of Bioactive Compounds from Two Grape Varieties Using Pulsed Electric Field; BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY; Vol. 73; Issue 2; Pg. 85-92; DOI: 10.15835/buasvmcn-fst:12212; 2016; ; ISSN 2344-2344; eISSN 2344-5300; ISBN WOS:000408454100005;   Citari = 1

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19	1.755	Q3	Chis, Adriana Monica; Purcarea, Cornelia; Dzugan, Małgorzata; Teusdea, Alin; Comparative Antioxidant Content and Antioxidant Activity of Selected Romanian and Polish Honeydew Honey; REVISTA DE CHIMIE; Vol. 67; Issue 2; Pg. 214-218; DOI: ; 2016; ; ISSN 0034-7752; eISSN ; ISBN WOS:000372170700002;   Citari = 5
20	1.433	Q4	Jurca, Tunde; Vicas, Laura; Toth, Imre; Braun, Mihaly; Marian, Eleonora; Teusdea, Alin; Vicas, Simona; Muresan, Mariana; MINERAL ELEMENTS PROFILE, BIOACTIVE COMPOUNDS AND ANTIOXIDANT CAPACITY OF WILD BLUEBERRY AND OF PHARMACEUTICAL PREPARATIONS FROM BLUEBERRY (VACCINIUM MYRTILLUS); FARMACIA; Vol. 64; Issue 4; Pg. 581-587; DOI: ; 2016; ; ISSN 0014-8237; eISSN 2065-0019; ISBN WOS:000381451800016;   Citari = 10
21	1.755	Q3	Purcarea, Cornelia; Teusdea, Alin Cristian; Chis, Adriana Monica; Chemometric Analysis of Selected Honey Samples from Western Part of Romania; REVISTA DE CHIMIE; Vol. 67; Issue 11; Pg. 2129-2133; DOI: ; 2016; ; ISSN 0034-7752; eISSN ; ISBN WOS:000388361900001;   Citari = 3
22	2.255	Q3	Vicas, Simona Ioana; Bandici, Livia; Teusdea, Alin Cristian; Turcin, Valer; Popa, Dorin; Bandici, Gheorghe Emil; The bioactive compounds, antioxidant capacity, and color intensity in must and wines derived from grapes processed by pulsed electric field; CYTA-JOURNAL OF FOOD; Vol. 15; Issue 4; Pg. 553-562; DOI: 10.1080/19476337.2017.1317667; 2017; ; ISSN 1947-6337; eISSN 1947-6345; ISBN WOS:000407647800009;   Citari = 5
23	1.444	Q3	Laslo, Vasile; Teusdea, Alin C.; Socaci, Sonia A.; Mierlita, Daniel; Vicas, Simona I.; Influence of Pasteurization on Total Phenols Content and Antioxidant Capacity of Prunus persica L. Juices; NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA; Vol. 45; Issue 2; Pg. 553-560; DOI: 10.15835/nbha45210699; 2017; ; ISSN 0255-965X; eISSN 1842-4309; ISBN WOS:000411504400033;   Citari = 2
24	1.444	Q3	Teusdea, Alin C.; Bandici, Livia; Kordiaka, Rafal; Bandici, Gheorghe E.; Vicas, Simona I.; The Effect of Different Pulsed Electric Field Treatments on Producing High Quality Red Wines; NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA; Vol. 45; Issue 2; Pg. 540-547; DOI: 10.15835/nbha45210890; 2017; ; ISSN 0255-965X; eISSN 1842-4309; ISBN WOS:000411504400031;   Citari = 1
25	1.325	Q4	Bandici, Livia; Vicas, Simona Ioana; Teusdea, Alin Cristian; Bandici, Gheorghe Emil; Popa, Dorin; Microwave-assisted extraction as a method of improving the quality of wines; JOURNAL OF MICROWAVE POWER AND ELECTROMAGNETIC ENERGY; Vol. 51; Issue 3; Pg. 161-177; DOI: 10.1080/08327823.2017.1350313; 2017; ; ISSN 0832-7823; eISSN ; ISBN WOS:000407930600002;   Citari = 6
26	0.64	Q4	Mierlita, Daniel; Pop, Ioan Mircea; Teusdea, Alin; Lup, Florin; Daraban, Stelian; Georgescu, Bogdan; Boaru, Anca; Rahmann, Gerold; Effect of forage preservation method on fatty acid composition and oxidative stability of organic sheep milk; LANDBAUFORSCHUNG; Vol. 67; Issue 1; Pg. 43-51; DOI: 10.3220/LBF1491399900000; 2017; ; ISSN 0458-6859; eISSN ; ISBN WOS:000403977300005;   Citari = 5
27	1.755	Q3	Purcarea, Cornelia; Dzugan, Małgorzata; Wesolowska, Monika; Chis, Adriana Monica; Zagula, Grzegorz; Teusdea, Alin Cristian; Puchalski, Czeslaw; A Comparative Study of Metal Content in Selected Polish and Romanian Honey Samples; REVISTA DE CHIMIE; Vol. 68; Issue 6; Pg. 1163-1169; DOI: ; 2017; ; ISSN 0034-7752; eISSN ; ISBN WOS:000408702900004;   Citari = 3
28	0	0	Laslo, Vasile; Socaci, Sonia; Teusdea, Alin; Timar, Adrian; Tofana, Maria; Vicas, Simona Ioana; The Effect of Pasteurization Time on Phytochemical Composition and Antioxidant Capacity of Two Apple Cultivars Juices; BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY; Vol. 75; Issue 1; Pg. 67-77; DOI: 10.15835/buasvmcn-fst:0003; 2018; ; ISSN 2344-2344; eISSN 2344-5300; ISBN WOS:000438290300010;   Citari = 2
29	0.577	Q4	Boja, N.; Boja, F.; Teusdea, A.; Borz, S. A.; ENVIRONMENTAL IMPACT ASSESSMENT FOR USE IN SEEDBED PROCESSING A VIBRO-COMBINATORS SOIL TILLAGE; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 19; Issue 4; Pg. 1544-1560; DOI: ; 2018; ; ISSN 1311-5065; eISSN ; ISBN WOS:000456590800012;   Citari = 1

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30	0	0	Vidrean, Dan; Boja, Nicusor; Boja, Florin; Teusdea, Alin; Popescu, Ilie; ASPECTS REGARDING THE USAGE OF GROUND AUGERS FOR DRILLING HOLES SAPLINGS IN FORESTRY SECTOR; SCIENTIFIC PAPERS-SERIES A-AGRONOMY; Vol. 61; Issue 2; Pg. 48-57; DOI: ; 2018; ; ISSN 2285-5785; eISSN 2285-5807; ISBN WOS:000461815300008;   Citari = 0
31	0.577	Q4	Onet, C.; Teusdea, A.; Onet, A.; Pantea, E.; Sabau, N. -C.; Laslo, V.; Romocea, T.; Agud, E.; COMPARATIVE STUDY OF DAIRY AND MEAT PROCESSING WASTEWATER CHARACTERISTICS; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 19; Issue 2; Pg. 508-514; DOI: ; 2018; ; ISSN 1311-5065; eISSN ; ISBN WOS:000438838100008;   Citari = 9
32	0	0	Boja, N.; Boja, F.; Vidrean, D.; Teusdea, A.; Bungescu, S.; Borz, S. A.; SOIL COMPRESSION DEGREE BY USING THE VIBRO-COMBINATOR; INMATEH-AGRICULTURAL ENGINEERING; Vol. 55; Issue 2; Pg. 77-86; DOI: ; 2018; ; ISSN 2068-4215; eISSN 2068-2239; ISBN WOS:000445181000010;   Citari = 2
33	1.433	Q4	Moisa, Corina; Vlad, Andreea Margareta; Teusdea, Alin; Cedar, Oana; Hoaghia, Maria Alexandra; Stan, Roxana Liana; Taerel, Adriana; Jurca, Claudia; Vicas, Laura Gratiela; RANDOMIZED EVALUATION ON THE CONSUMPTION OF ANTIBIOTICS IN COMMUNITY PHARMACIES; FARMACIA; Vol. 66; Issue 6; Pg. 1081-1090; DOI: 10.31925/FARMACIA.2018.6.24; 2018; ; ISSN 0014-8237; eISSN 2065-0019; ISBN WOS:000454158800025;   Citari = 8
34	2.116	Q2	Boja, Nicusor; Boja, Florinel; Teusdea, Alin; Vidrean, Dan; Marcu, Marina Viorela; Iordache, Eugen; Duta, Cristian Ionut; Borz, Stelian Alexandru; Resource Allocation, Pit Quality, and Early Survival of Seedlings Following Two Motor-Manual Pit-Drilling Options; FORESTS; Vol. 9; Issue 11; Pg. -; DOI: 10.3390/f9110665; 2018; ; ISSN 1999-4907; eISSN ; ISBN WOS:000451310300005;   Citari = 7
35	3.308	Q2	Onet, Aurelia; Dinca, Lucian C.; Grenni, Paola; Laslo, Vasile; Teusdea, Alin C.; Vasile, Diana L.; Enescu, Raluca E.; Crisan, Vlad E.; Biological indicators for evaluating soil quality improvement in a soil degraded by erosion processes; JOURNAL OF SOILS AND SEDIMENTS; Vol. 19; Issue 5; Pg. 2393-2404; DOI: 10.1007/s11368-018-02236-9; 2019; ; ISSN 1439-0108; eISSN 1614-7480; ISBN WOS:000464836300023;   Citari = 19
36	0.916	Q4	Onet, Aurelia; Dinca, Lucian; Teusdea, Alin; Crisan, Vlad; Braga, Cosmin; Enescu, Raluca; Onet, Cristian; THE INFLUENCE OF FIRES ON THE BIOLOGICAL ACTIVITY OF FOREST SOILS IN VRANCEA, ROMANIA; ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL; Vol. 18; Issue 12; Pg. 2643-2654; DOI: ; 2019; ; ISSN 1582-9596; eISSN 1843-3707; ISBN WOS:000505674800010;   Citari = 2
37	0.593	Q4	Miere (Groza), Florina; Teusdea, Alin Cristian; Laslo, Vasile; Fritea, Luminita; Moldovan, Liviu; Costea, Traian; Uivarosan, Diana; Vicas, Simona Ioana; Pallag, Anamaria; Natural Polymeric Beads for Encapsulation of <i>Stellaria media</i> Extract with Antioxidant Properties; MATERIALE PLASTICE; Vol. 56; Issue 4; Pg. 671-679; DOI: ; 2019; ; ISSN 2668-8220; eISSN 0025-5289; ISBN WOS:000509920700002;   Citari = 8
38	0.577	Q4	Maghiar, Florin; Vicas, Laura Gratiela; Ardelean, Andreea; Teusdea, Alin; Tica, Otilia Anca; Oros, Claudiu; Muresan, Mariana Eugenia; RETROSPECTIVE STUDY ON ANGIOTENSIN-CONVERTING-ENZYME INHIBITORS TREATMENT; FARMACIA; Vol. 68; Issue 1; Pg. 90-96; DOI: 10.31925/farmacia.2020.1.13; 2020; ; ISSN 0014-8237; eISSN 2065-0019; ISBN WOS:000517816500013;   Citari = 4
39	1.433	Q4	Onet, C.; Pantea, E.; Teusdea, A.; Dinca, L.; Sabau, N. C.; Timis-Gansac, V; Pantea, S.; Jude, E.; FACTORS THAT INFLUENCE CHARACTERISTICS OF THE QUALITY PARAMETERS OF DRINKING WATER USED IN FOOD PROCESSING INDUSTRY FROM BIHOR COUNTY, ROMANIA; JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY; Vol. 21; Issue 1; Pg. 317-324; DOI: ; 2020; ; ISSN 1311-5065; eISSN ; ISBN WOS:000531885700036;   Citari = 0
40	0.593	Q4	Roiu, George; Cavalu, Simona; Teusdea, Alin; Petricas-Heredea, Denisa A.; Fratila, Ovidiu; Assessment of Antibiotic Influence on Structural Modifications of Amniotic Membrane by FTIR Spectroscopy; MATERIALE PLASTICE; Vol. 57; Issue 2; Pg. 191-198; DOI: 10.37358/MP.20.2.5365; 2020; ; ISSN 2668-8220; eISSN 0025-5289; ISBN WOS:000579451200020;   Citari = 1

Nr	IF	Qs	Articol
41	0	0	Pica, Adrian; Boja, Florin; Teusdea, Alin; Fora, Ciprian; Moatar, Mihaela; Boja, Nicusor; THE IMPACT ON SOME PHYSICO-MECHANICAL PROPERTIES OF SOIL PROCESSING USING THE VIBROCOMBINATOR IN FORESTRY NURSERY; SCIENTIFIC PAPERS-SERIES A-AGRONOMY; Vol. 64; Issue 1; Pg. 136-145; DOI: ; 2021; ; ISSN 2285-5785; eISSN 2285-5807; ISBN WOS:000704504300016;   Citari = 0
42	2.847	Q3	Dejeu, Ioana Lavinia; Vicas, Laura Gratiela; Jurca, Tunde; Teusdea, Alin Cristian; Muresan, Mariana Eugenia; Fritea, Luminita; Svera, Paula; Gabor, Gianina Adela; Dejeu, George Emanuel; Maghiar, Octavian Adrian; Bodea, Anca Salomea; Pallag, Annamaria; Marian, Eleonora; Liposomes with Caffeic Acid: Morphological and Structural Characterisation, Their Properties and Stability in Time; PROCESSES; Vol. 9; Issue 6; Pg. ; DOI: 10.3390/pr9060912; 2021; ; ISSN ; eISSN 2227-9717; ISBN WOS:000666453800001;   Citari = 1
43	0.916	Q4	Crisan, Vlad Emil; Dinca, Lucian Constantin; Onet, Aurelia; Braga, Cosmin Ion; Enescu, Raluca Elena; Teusdea, Alin Cristian; Onet, Cristian; IMPACT OF WINDTHROWS DISTURBANCE ON CHEMICAL AND BIOLOGICAL PROPERTIES OF THE FOREST SOILS FROM ROMANIA; ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL; Vol. 20; Issue 7; Pg. 1163-1172; DOI: ; 2021; ; ISSN 1582-9596; eISSN 1843-3707; ISBN WOS:000677483000012;   Citari = 0
44	1.433	Q4	Timar, Calin; Cotrau, Petre; Daina, Cristian; Juncar, Raluca; Teusdea, Alin; Vicas, Laura; Marian, Eleonora; Vlad, Andreea Margareta; Juncar, Mihai; THE BENEFIT OF ENTROPY IN THE MANAGEMENT OF GENERAL ANAESTHESIA FOR THE PATIENTS WITH METABOLIC DISORDERS; FARMACIA; Vol. 69; Issue 5; Pg. 897-906; DOI: 10.31925/farmacia.2021.5.11; 2021; ; ISSN 0014-8237; eISSN 2065-0019; ISBN WOS:000713322700011;   Citari = 0
45	2.847	Q3	Antonescu (Mintas), Ina Andreea; Antonescu, Angela; Miere (Groza), Florina; Fritea, Luminita; Teusdea, Alin Cristian; Vicas, Laura; Vicas, Simona Ioana; Brihan, Ilarie; Domuta, Maria; Zdrinca, Mihaela; Zdrinca, Marcel; Cavalu, Simona; Evaluation of Wound Healing Potential of Novel Hydrogel Based on Ocimum basilicum and Trifolium pratense Extracts; PROCESSES; Vol. 9; Issue 11; Pg. ; DOI: 10.3390/pr9112096; 2021; ; ISSN ; eISSN 2227-9717; ISBN WOS:000726832700001;   Citari = 0

## B. Participări la congrese, conferințe, simpozioane, sesiuni de comunicări științifice (ISI-Proceedings)

Nr.	Articol
1	Pica, AD; Boja, F; <b>Teusdea, A</b> ; Fora, C; Moatar, M; Boja, N; THE USAGE MOTOR DRILL IN FORESTRY PLANTING; Actual Tasks on Agricultural Engineering-Zagreb; 48th International Symposium on Actual Tasks on Agricultural Engineering (ATAE); MAR 02-04, 2021; ELECTR NETWORK; Book Editors Kovacev, I; Bilandzija, N; Publisher AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU10000 ZAGREBSVETOSIMUNSKA 25, 10000 ZAGREB, CROATIA; ISSN 1848-4425; ISBN 2021; Vol 48; Pg. 237-248; ;   Citari = 0
2	Bandici, GE; Bandici, L; Vicas, S; <b>Teusdea, AC</b> ; Pulsed Electric Field Treatments for Improving the Colour of Red Grape Products; 15th International Conference on Engineering of Modern Electric Systems (EMES); JUN 13-14, 2019; Oradea, ROMANIA; Book Editors IEEE; Publisher IEEE NEW YORK345 E 47TH ST, NEW YORK, NY 10017 USA; ISSN ; ISBN 978-1-7281-0773-82019; Vol ; Pg. 73-76; ;   Citari = 0
3	Vidrean, D; Boja, FC; <b>Teusdea, A</b> ; Dragomir, CI; Boja, NF; ASSESSMENT OF SOIL IMPACT AFTER USING A VIBRO-COMBINATOR; Actual Tasks on Agricultural Engineering-Zagreb; 46th International Symposium on Actual Tasks on Agricultural Engineering (ATAE); FEB 27-MAR 01, 2018; Opatija, CROATIA; Book Editors Bilandzija, N; Publisher AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU10000 ZAGREBSVETOSIMUNSKA 25, 10000 ZAGREB, CROATIA; ISSN 1848-4425; ISBN 2018; Vol 46; Pg. 169-179; ;   Citari = 1

- 4** **Teusdea, AC**; Vicas, S; Bandici, L; Bandici, GE; 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); JUN 01-02, 2017; ORADEA, ROMANIA; Book Editors IEEE; Publisher IEEENEW YORK345 E 47TH ST, NEW YORK, NY 10017 USA; ISSN ; ISBN 978-1-5090-6073-32017; Vol ; Pg. 33-36; ; | Citari = 1
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- 5** Bandici, L; Vicas, S; Bandici, GE; **Teusdea, AC**; Popa, D; Physical-Chemical, Biological, and Sensory Analyses in Grape Processing Using the High Frequency Electromagnetic Field; 13th International Conference on Engineering of Modern Electric Systems (EMES); JUN 11-12, 2015; Oradea, ROMANIA; Book Editors IEEE; Publisher IEEENEW YORK345 E 47TH ST, NEW YORK, NY 10017 USA; ISSN ; ISBN 978-1-4799-7650-82015; Vol ; Pg. -; ; | Citari = 0
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- 6** Boja, NF; Boja, FC; **Teusdea, AC**; Bungescu, ST; Popescu, I; A METHOD TO IMPROVE THE SPRINKLER IRRIGATION UNIFORMITY IN FOREST NURSERIES; Actual Tasks on Agricultural Engineering-Zagreb; 43rd International Symposium on Agricultural Engineering; FEB 24-27, 2015; Opatija, CROATIA; Book Editors Kovacev, I; Publisher AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU10000 ZAGREBSVETOSIMUNSKA 25, 10000 ZAGREB, CROATIA; ISSN 1848-4425; ISBN 2015; Vol 43; Pg. 89-100; ; | Citari = 0
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- 7** **Teusdea, AC**; Modog, T; Fourier Correlations of Dragan Dam Spatially Distributed in Horizontal Displacements; AIP Conference Proceedings; Physics Conference TIM - 11; NOV 24-27, 2011; Timisoara, ROMANIA; Book Editors Bunoiu, M; Avram, N; Biris, CG; Publisher AMER INST PHYSICS MELVILLE2 HUNTINGTON QUADRANGLE, STE 1NO1, MELVILLE, NY 11747-4501 USA; ISSN 0094-243X; ISBN 978-0-7354-1079-42012; Vol 1472; Pg. 253-258; ; | Citari = 0
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- 8** **Teusdea, AC**; Gabor, G; Hilma, E; Amplitude and Phase Fourier Correlation of Twin GC-Spectra of Fatty Acids from Sheep Dairy; AIP Conference Proceedings; Physics Conference TIM - 11; NOV 24-27, 2011; Timisoara, ROMANIA; Book Editors Bunoiu, M; Avram, N; Biris, CG; Publisher AMER INST PHYSICS MELVILLE2 HUNTINGTON QUADRANGLE, STE 1NO1, MELVILLE, NY 11747-4501 USA; ISSN 0094-243X; ISBN 978-0-7354-1079-42012; Vol 1472; Pg. 259-264; ; | Citari = 1
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- 9** Prada, M; **Teusdea, AC**; Fetea, I; Suba, S; RADIAL BASIS FUNCTION INTERPOLATION OF NON-MATCHING GRIDS SURFACES FOR VOLUME CALCULATION; Annals of DAAAM and Proceedings; 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium; NOV 25-28, 2009; Vienna, AUSTRIA; Book Editors Katalinic, B; Publisher DAAAM INT VIENNAWIENVIENNA UNIV TECHNOLOGY, KARLSPLATZ 13, WIEN, A-1040, AUSTRIA; ISSN 1726-9679; ISBN 978-3-901509-70-42009; Vol 20; Pg. 1043-1044; ; | Citari = 3
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- 10** **Teusdea, AC**; Gabor, G; IRIS RECOGNITION WITH PHASE - ONLY CORRELATION; Annals of DAAAM and Proceedings; 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium; NOV 25-28, 2009; Vienna, AUSTRIA; Book Editors Katalinic, B; Publisher DAAAM INT VIENNA WIEN VIENNA UNIV TECHNOLOGY, KARLSPLATZ 13, WIEN, A-1040, AUSTRIA; ISSN 1726-9679; ISBN 978-3-901509-70-42009; Vol 20; Pg. 189-190; ; | Citari = 2
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- 11** **Teusdea, AC**; Modog, T; Gombos, D; Mancia, M; FOURIER CORRELATIONS OF DRAGAN DAM HORIZONTAL DEFORMATION 1D AND 2D TIME SERIES; Annals of DAAAM and Proceedings; 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium; NOV 25-28, 2009; Vienna, AUSTRIA; Book Editors Katalinic, B; Publisher DAAAM INT VIENNA WIEN VIENNA UNIV TECHNOLOGY, KARLSPLATZ 13, WIEN, A-1040, AUSTRIA; ISSN 1726-9679; ISBN 978-3-901509-70-42009; Vol 20; Pg. 853-854; ; | Citari = 1
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- 12** Blaga, V; **Teusdea, A**; Chioreanu, N; Catas, A; Haruta, O; THE DIFFERENTIAL EQUATION OF THE ELECTROMAGNETIC INJECTION PERIOD; Annals of DAAAM and Proceedings; 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing; OCT 22-25, 2008; Trnava, SLOVAKIA; Book Editors Katalinic, B; Publisher DAAAM INT VIENNA WIEN VIENNA UNIV TECHNOLOGY, KARLSPLATZ 13, WIEN, A-1040, AUSTRIA; ISSN 1726-9679; ISBN 978-3-901509-68-12008; Vol ; Pg. 113-114; ; | Citari = 0

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14	<b>Teusdea, AC</b> ; David, I; Mancia, A; SUBSURFACE DRAINAGE AND ITS REVERSABLE FACILITIES IN SUBIRRIGATION; Annals of DAAAM and Proceedings; 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing; OCT 22-25, 2008; Trnava, SLOVAKIA; Book Editors Katalinc, B; Publisher DAAAM INT VIENNA WIEN VIENNA UNIV TECHNOLOGY, KARLSPLATZ 13, WIEN, A-1040, AUSTRIA; ISSN 1726-9679; ISBN 978-3-901509-68-12008; Vol ; Pg. 1379-1380; ;   Citari = 1
15	<b>Teusdea, AC</b> ; Modog, T; Mancia, A; DRAGAN DAM DEFORMATIONS ANALYSIS WITH FOURIER CORRELATION; Annals of DAAAM and Proceedings; 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing; OCT 22-25, 2008; Trnava, SLOVAKIA; Book Editors Katalinc, B; Publisher DAAAM INT VIENNA WIEN VIENNA UNIV TECHNOLOGY, KARLSPLATZ 13, WIEN, A-1040, AUSTRIA; ISSN 1726-9679; ISBN 978-3-901509-68-12008; Vol ; Pg. 1381-1382; ;   Citari = 0

## C. Articole BDI

Nr.	Articol
1	Modog T.; <b>Teușdea Alin C.</b> ; Pușcaș S., Fourier Correlation Analysis of Drăgan Dam 3D horizontal movements, Analele Universității de Vest din Timișoara, Seria Fizică, Vol.52, pp. 88-92 (2008). ISSN: 1224-9718. <a href="http://www.physics.uvt.ro/anale_uvt_fizica/articles/v52/16_modog_88_92.pdf">http://www.physics.uvt.ro/anale_uvt_fizica/articles/v52/16_modog_88_92.pdf</a> .
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3	N. BOJA, F. BOJA, <b>A. TEUȘDEA</b> , Mihaela CARTIȘ, 2008: „Influence of minimum tillage systems upon the soil physical properties and the reduction ratio”, Scientific papers Faculty of Agriculture: International symposium trends in European agriculture development, Editura Agroprint, Timișoara, Vol 40 (2) pag. 25-30, ISSN 1221-5279 (2008). <a href="http://journals.indexcopernicus.com/passport.php?id=4522">http://journals.indexcopernicus.com/passport.php?id=4522</a> .
4	F. BOJA, N. BOJA, <b>A. TEUȘDEA</b> , 2008: „Trying and issues concerning the fito-sanitary treatments, with disposable with spraying”, Scientific papers Faculty of Agriculture: International symposium trends in European agriculture development, Editura Agroprint, Timișoara, Vol 40 (1) pag. 349-357, ISSN 1221-5279 (2008). <a href="http://journals.indexcopernicus.com/passport.php?id=4522">http://journals.indexcopernicus.com/passport.php?id=4522</a> .
5	<b>Alin Teușdea</b> , Nicolae Csep, “Computer assisted analysis of the lesion’s extension in the foliage of the winter wheat produced by fungal pathogens and insect pests”, Scientific papers Faculty of Agriculture: International symposium trends in European Agriculture Development, Editura Agroprint, Timișoara, Vol 40 (1) pag. 521-526, ISSN 1221-5279 (2008). <a href="http://journals.indexcopernicus.com/passport.php?id=4522">http://journals.indexcopernicus.com/passport.php?id=4522</a> .

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17	Livia Bandici, Simona Ioana Vicas, Gheorghe Emil Bandici, Alin Cristian Teusdea, Simona Cavalu, <i>Bioactive Compounds Diffusion from Grapes to Wines under High Frequency Electromagnetic Field Treatments</i> , Key Engineering Materials, Vol. 695, p289-294, 2016.

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Şef lucrări fiz. dr. ing.  
Alin Cristian TEUSDEA

