



Universitatea de Științe Agricole și Medicină Veterinară a Banatului
"Regele Mihai I al României" – Timișoara

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Lucrări științifice publicate Web of Science Core Collection

Nr. crt	Titlul lucrării	Numele autorilor	Revista/Jurnal	Editura	Volum, nr., pagina	ISSN	Anul	Link pagina web	IF	Q (categ)	Domeniu	Tip
2015												
1	pH-Specific Crystalline Binary and Ternary Metal Organic Framework Materials of Pb(II) with (Di)Tricarboxylate Ligands and N,N'-Aromatic Chelators. Structure, Architecture-Lattice Dimensionality, and Electronic Spectroscopic Property Correlations	C. Gabriel, P. Karakosta, A. A. Vangelis, C. P. Raptoulou, A. Terzis, V. Psycharis, M. Bertmer, C. Mateescu, A. Salifoglou	Crystal Growth & Design	Amer Chemical Soc, USA	15(4), 1666-1682	p-1528-7483 e-1528-7505	2015	WOS:000352246100018 DOI: 10.1021/cg501628d https://pubs.acs.org/doi/10.1021/cg501628d	4.891	Q1	Chemistry Crystallography Materials Science	Art
2	Ambiguity of non-systematic chemical identifiers within and between small-molecule databases	Akhondi, S.A., Muresan, S., Williams, A.J., Kors, J.A.	Journal of Cheminformatics	BMC, england	7(1), Article number 54	1758-2946	2015	WOS:000364629700001 DOI: 10.1186/s13321-015-0102-6 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4646925/	4.547	Q1	Chemistry Computer Science	Art
3	Investigation on crude and high-temperature heated coffee oil by ATR-FTIR spectroscopy along with antioxidant and antimicrobial properties	Raba, D.N., Poiana, M.-A., Borozan, A.B., Stef, M., Radu, F., Popa, M.-V	PLoS ONE	Public Library Science, USA	number e0138080	1932-6203	2015	WOS:000361601100217 DOI: 10.1371/journal.pone.0138080 https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0138080	3.234	Q1	Multidisciplinary Sciences	Art
4	Impact of soil cadmium on land snails: A two-stage exposure approach under semi-field conditions using bioaccumulative and conchological end-points of exposure	Nica, D.V., Filimon, M.N., Bordean, D.-M., Harmanescu, M., Draghici, G.A., Dragan, S., Gergen, I.I.	PLoS ONE	Public Library Science, USA	10(3), Article number e0116397	1932-6203	2015	WOS:000351425400015 DOI: 10.1371/journal.pone.0116397 https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0116397	3.234	Q1	Multidisciplinary Sciences	Art
5	pH-Specific Halide-Dependent Materials from ZrIV/Hydroxycarboxylic Acid/Aromatic Chelator Reactivity: Architecture-Lattice Dimensionality and Spectroscopic Fingerprint Relations	E. Halevas, A. Karamelidou, A. Hatzidimitriou, C. Mateescu, A. Salifoglou	Eur. J. Inorg. Chem.	Wiley-VCH Verlag, Germany	(4), 664-679	p-1434-1948 e-1099-0682	2015	WOS:000349154200011 DOI: 10.1002/ejic.201402864 https://onlinelibrary.wiley.com/doi/abs/10.1002/ejic.201402864	2.942	Q2	Chemistry	Art
6	Capsicum annuum extracts/ β -cyclodextrin complexes: Thermal analyses - Karl Fischer water titration correlations and antioxidant activity	Hegheș, A., Hădărugă, N.G., Fuliș, A.-V., Bandur, G.N., Hădărugă, D.I., Dehelean, C.-A.	Journal of Thermal Analysis and Calorimetry	Springer, Netherlands	120(1), 603-615	p-1388-6150 e-1572-8943	2015	WOS:000352139800070 DOI: 10.1007/s10973-014-4229-x https://link.springer.com/article/10.1007%2Fs10973-014-4229-x	2.042	Q2	Thermodynamics Chemistry	Art
7	Study on chemical composition and antifungal activity of essential oils obtained from representative species belonging to the <i>Lamiaceae</i> family	Rus, C., Sumalan, R.M., Alexa, E., Copolovici, DM., Pop, G., Botau, D.	Plant, Soil and Environment,	Czech Academy Agricultural Sciences, Czech Republic	61(7), 297-302	p-1214-1178 e-1805-9368	2015	WOS:000358183500002 DOI: 10.17221/177/2015-PSE https://www.agriculturejournals.cz/publicFiles/157020.pdf	1.226	Q2	Agriculture	Art
8	Total phenolic, cinnamic acids and selected microelements in gluten free pasta fortified with banana	Radoi, P.B., Alexa, E., Radulov, I., Morvay, A.Mihai, C.S.S., Trasca, T.-I	Revista de Chimie	Chiminform Data S A, Romania	66(8), 1162-1165	0034-7752	2015	WOS:000361124600017 https://www.revistadechimie.ro/pdf/RADOI%20P.pdf%208%2015.pdf	0.810	Q4	Chemistry & Engineering	Art
9	New polydentate sequestrants: Synthesis, management and potential applications	Jianu, I., Radu, D., Bujanca, G., Cocan, I., Lile, R.	Revista de Chimie	Chiminform Data S A, Romania	66(7), 1031-1033	0034-7752	2015	WOS:000359179900023 https://www.revistadechimie.ro/pdf/JIANU%20I.pdf%207%2015.pdf	0.810	Q4	Chemistry & Engineering	Art

Facultatea de Tehnologia Produselor Agroalimentare - 2015

10	Chemical composition and protective antifungal activity of <i>Mentha piperita</i> L. and <i>Salvia officinalis</i> L. essential oils against <i>Fusarium graminearum</i> Spp.	Tomescu, A., Sumalan, R.-M., Pop, G., Alexa, E., Poiana, M.-A., Copolovici, D.-M., Mihai, C.S.S., Negrea, M., Galuscan, A.	Revista de Chimie	Chiminform Data S A, Romania	66(7), 1027-1030	0034-7752	2015	WOS:000359179900022 https://www.revistadechimie.ro/pdf/TOMESCU%20A.pdf%207%2015.pdf	0.810	Q4	Chemistry & Engineering	Art
11	Composition, antioxidant and antimicrobial activity of the essential oil of <i>Achillea collina</i> Becker growing wild in western Romania	Jianu, C., Mișcă, C., Muntean, S.G., Gruiă, A.T	Hemijška Industrija	Assoc Chemical Engineers Serbia	69(4), 381-386	0367-598X	2015	WOS:000362801700007 DOI: 10.2298/HEMIND140329052J http://www.doiserbia.nb.rs/img/doi/0367-598X/2015/0367-598X1400052J.pdf	0.364	Q4	Engineering, Chemical	Art
12	Composition and antioxidant capacity of essential oils obtained from <i>Thymus vulgaris</i> , <i>Thymus pannonicus</i> and <i>Satureja montana</i> grown in Western Romania	C Jianu, R Mihail, SG Muntean, G Pop, VC Daliborca, FG Horhat, R Nitu,	Revista de Chimie	Chiminform Data S A, Romania	66(12), 2157-2160	0034-7752	2015	WOS:000368437100052 https://www.revistadechimie.ro/pdf/JIANU%20C.%2012%2015.pdf	0.810	Q4	Chemistry & Engineering	Art
13	<i>Tilia spp</i> - urban trees for the future?	Tenche-Constantinescu Alina Maria, Borlea Gheorghe Florian, Madoșă Emilian, Chira Dănuț, Hernea Cornelia, Tenche-Constantinescu Radu Valentin, Lalescu Dacian	Notulae Botanicae Horti Agrobotanici Cluj-Napoca	Univ Agr Sci & Veterinary Med Cluj-Napoca, Romania	43(1)	0255-965X	2015	WOS:000357000600039 DOI: https://doi.org/10.15835/nbha4319794 https://www.notulaebotanicae.ro/index.php/nbha/article/view/9794	0.456	Q4	Plant Sciences	Art
14	Evaluation of fermentation parameters and yeast selection for ethanol production from sweet sorghum juice, Romanian	Vintila T., Popa N., Pop Georgeta, Gergen I., Sumalan R	Romanian Biotechnological Letters	Ars Docendi, Romania	20(6), 11076-11083	1224 – 5984	2015	WOS:000368248300021 https://e-repository.org/rbl/vol.20/iss.6/21.pdf	0.404	Q4	Biotechnology & Applied Microbiology	Art
15	Use of ATR-FTIR spectroscopy to detect the changes in extra virgin olive oil by adulteration with soybean oil and high temperature heat treatment	Poiana M.A., Alexa E., Munteanu M.F., Gligor R., Moigradean D., Mateescu C.	Open Chemistry	De Gruyter Poland Sp Zoo	13(1), 689–698	2391-5420	2015	WOS:000355403100083 DOI: https://doi.org/10.1515/chem-2015-0110 https://www.degruyter.com/view/journals/chem/open-issue/article-10.1515-chem-2015-0110/article-10.1515-chem-2015-0110.xml	-	-	Chemistry	Art
16	Application of QuEChERS - High Performance Liquid Chromatography with Postcolumn Fluorescence Derivatization (HPLC-FLD) method to analyze Eprinomectin B1a residues from a pour-on conditioning in bovine edible tissues	Ana Csuma, Romeo T. Cristina, E. Dumitrescu, Florin Muselin, Ersilia C. Alexa, M. Butnariu, I. Gergen,	Open Chemistry	De Gruyter Poland Sp Zoo	13(1), 769 - 77	2391-5420	2015	WOS:000355403100092 DOI: https://doi.org/10.1515/chem-2015-0097 https://www.degruyter.com/view/journals/chem/open-issue/article-10.1515-chem-2015-0097/article-10.1515-chem-2015-0097.xml	-	-	Chemistry	Art
17	Applied multiple regression analysis on tomato yield	Moigradean, D., Bordean, D.-M., Poiana, M.-A., Pet, I., Pet, E.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 3(2), 41-48	1314-2704	2015	WOS:000371663900006 DOI: 10.5593/SGEM2015/B32/S13.006 https://www.sgem.org/sgemlib/spip.php?article6013	-	-	Geosciences, Multidisciplinary; Water Resources	Proc. Paper
18	<i>Lolium multiflorum</i> seeds fingerprint, based on moisture content and total antioxidant capacity	Horablagă, M., Bordean, D.-M.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 6(1), 479-484	1314-2704	2015	WOS:000371601900065 DOI: 10.5593/SGEM2015/B61/S25.065 https://www.sgem.org/sgemlib/spip.php?article6705	-	-	Biotechnology & Applied Microbiology; Geosciences, Multidisciplinary; Nanoscience & Nanotechnology	Proc. Paper
19	Rural development of mountain areas in Romania, challenges and targets for the year 2020	Călușeru, A.L., Cojocariu, L., Borlea, F., Bordean, D.-M., Horablagă, A.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 5(2), 791-797	1314-2704	2015	WOS:000370814500104 DOI: 10.5593/SGEM2015/B52/S23.104 https://www.sgem.org/sgemlib/spip.php?article6498	-	-	Geosciences, Multidisciplinary	Proc. Paper
20	Microbial community changes in the root zone of the agrostis capillaris l. Species of permanent grasslands western carpathians	Borozan, A.B., Bordean, D.-M., Cojocariu, L., Sandoiu, I., Horablagă, M.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 5(2), 491-498	1314-2704	2015	WOS:000370814500104 DOI: 10.5593/SGEM2015/B61/S25.067 https://www.sgem.org/sgemlib/spip.php?article6707	-	-	Geosciences, Multidisciplinary	Proc. Paper
21	Green manure effect on the actinomycetes diversity and soil bacterial community structure	Borozan, A.B., Bordean, D.-M., Cojocariu, L., Sandoiu, I., Moldovan, C.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 3(2), 177-182	1314-2704	2015	WOS:000371663900024 DOI: 10.5593/SGEM2015/B32/S13.024 https://www.sgem.org/sgemlib/spip.php?article6032	-	-	Geosciences, Multidisciplinary; Water Resources	Proc. Paper

Facultatea de Tehnologia Produselor Agroalimentare - 2015

22	Investigation of grapes and soil pollution levels based on altitude influence and heavy metal concentrations	Alda, L.M., Bordean, D.-M., Alda, S., Cristea, T., Gogoasa, I.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 5(1), 455-460	1314-2704	2015	WOS:000370813400059 DOI: 10.5593/SGEM2015/B51/S20.059 https://www.sgem.org/sgemlib/spip.php?article6312	-	-	Geosciences, Multidisciplinary	Proc. Paper
23	The evaluation of some bioelements in different types of Herbal Teas and their infusions	Velciov, A., Popescu, S., Ravis, A., David, I., Gogoasa, I	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 5(1), 863-870	1314-2704	2015	WOS:000370813400114 DOI: 10.5593/SGEM2015/B51/S20.114 https://www.sgem.org/sgemlib/spip.php?article6367&lang=en	-	-	Geosciences, Multidisciplinary	Proc. Paper
24	Study on analysis of revenue and expenditure of consumption in Romanian households	Peț, E., Peț, I., Ștef, D.S.,	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 5(3), 569-575	1314-2704	2015	WOS:000370815400073 DOI: 10.5593/SGEM2015/B53/S21.073 https://www.sgem.org/sgemlib/spip.php?article6575&lang=en	-	-	Geosciences, Multidisciplinary	Proc. Paper
25	Sensorial and physicochemical properties of honey with various natural admixtures	Moldovan, C., Raba, D., Popa, M., Drugă, M.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 6(1), 545-552	1314-2704	2015	WOS:000371601900074 DOI: 10.5593/SGEM2015/B61/S25.074 https://www.sgem.org/sgemlib/spip.php?article6714	-	-	Biotechnology & Applied Microbiology; Geosciences, Multidisciplinary; Nanoscience & Nanotechnology	Proc. Paper
26	Effects of some thermal treatments on the content of various bioactive compounds from different varieties of peppers (<i>Capsicum Annuum</i> L.)	Dumbravă, D.-G., Raba, D.-N., Moldovan, C., Drugă, M., Popa, M.-V.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 6(1), 411-418	1314-2704	2015	WOS:000371601900056 DOI: 10.5593/SGEM2015/B61/S25.056 https://www.sgem.org/sgemlib/spip.php?article6696	-	-	Biotechnology & Applied Microbiology; Geosciences, Multidisciplinary; Nanoscience & Nanotechnology	Proc. Paper
27	Chemical and biochemical components in mulberry fruits	Popescu, S., Velciov, A., Ienciu A., Cozma A., Manea D.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 6(1), 327-334	1314-2704	2015	WOS:000371601900045 DOI: 10.5593/SGEM2015/B61/S25.045 https://www.sgem.org/sgemlib/spip.php?article6685	-	-	Biotechnology & Applied Microbiology; Geosciences, Multidisciplinary; Nanoscience & Nanotechnology	Proc. Paper
28	Cherry fruits source of biominerals and bioactive compounds	Popescu, S., Manea D., Velciov, A., Cristea, T., Carciu I.	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 6(1), 335-342	1314-2704	2015	WOS:000371601900045 DOI: 10.5593/SGEM2015/B61/S25.046 https://www.sgem.org/sgemlib/spip.php?article6686	-	-	Biotechnology & Applied Microbiology; Geosciences, Multidisciplinary; Nanoscience & Nanotechnology	Proc. Paper
29	Minerals and Amino Acids in Peach (<i>Prunus persica</i> L.) Cultivars and Hybrids Belonging to World Germoplasm Collection in the Conditions of West Romania	O. A. Iordănescu, Ersilia Alexa, I. Radulov, A. Costea, A. Dobrei, A. Dobrei	International Conference "Agriculture for Life, Life for Agriculture	Stef92 Technology Ltd, Bulgaria	6, 145-150	1314-2704	2015	WOS:000380846200022 https://doi.org/10.1016/j.aaspro.2015.08.051 https://www.sciencedirect.com/science/article/pii/S2210784315001849	-	-	Agricultural Economics & Policy; Agriculture, Multidisciplinary	Proc. Paper
30	The biocatalytic impact of lipase on different types of flour	David I., Mișcă Corina, Costescu Corina, Velciov Ariana	43rd Symposium "Actual Tasks on Agricultural Engineering", Opatija, Croatia	Stef92 Technology Ltd, Bulgaria	43, 547-555	1848-4425	2015	WOS:000373450700049 https://www.cabdirect.org/cabdirect/abstract/20153171277	-	-	Agricultural Engineering	Proc. Paper
31	Researche regarding fatty acids composition of apricote and plum kernel oils	V.M. Popa, D.N. Raba, C. Moldovan, D.G. Dumbravă, Diana Raba, Camelia Moldovan, C. Rujescu	15th International Multidisciplinary Scientific GeoConference SGEM 2015	Stef92 Technology Ltd, Bulgaria	Book 5(3), 501-506	1314-2704	2015	WOS:000370815400065 DOI: 10.5593/SGEM2015/B53/S21.06 https://www.sgem.org/SGEMLIB/spip.php?article6567	-	-	Geosciences, Multidisciplinary	Proc. Paper
32	Sensory evaluation of some sweet gluten-free bakery products based on rice and buckwheat flour	M. Iovan, B.P. Radoi, D. Stoin, T.I. Trasca, M. Negrea	Journal of Biotechnology	Elsevier, Netherlands	208, (Suppl. S82)	0168-1656 e-1873-4863	2015	WOS:000359087000254 https://doi.org/10.1016/j.jbiotec.2015.06.254 https://www.sciencedirect.com/science/article/pii/S0168165615005003?via%3DIihub	2.4	Q2	Biotechnology & Applied Microbiology	Meeting Abstract

Facultatea de Tehnologia Produselor Agroalimentare - 2015

33	Effects of exogenous xylanase and β -glucanase on carbohydrate digestibility in wheat and barley	Rodica Caprita, Adrian Caprita	Journal of Biotechnology	Elsevier, Netherlands	208 (Suppl. S65-66),	0168-1656 e-1873-4863	2015	WOS:000359087000198 https://doi.org/10.1016/j.jbiotec.2015.06.198 https://www.sciencedirect.com/science/article/pii/S0168165615004447?via%3Dihub	2.4	Q2	Biotechnology & Applied Microbiology	Meeting Abstract
34	Research regarding the potential of production and quality of the durum wheat varieties in terms of SCDA Lovrin	Georgiana Olteanu, Ioana Maria Mateas, B. Radoi, V. Tabara	Journal of Biotechnology	Elsevier, Netherlands	208 (Suppl. S111)	0168-1656 e-1873-4863	2015	WOS:000359087000350 https://doi.org/10.1016/j.jbiotec.2015.06.350 https://www.sciencedirect.com/science/article/pii/S0168165615005969	2.4	Q2	Biotechnology & Applied Microbiology	Meeting Abstract
35	The variation on somatic cellcount and of relative and specific viscozity with boiling of cow milk	Iuliana Crețescu, Mihaela Ostan, Rodica Căpriță, Ioan Gogoasă, Mircea Dan Petrescu, Giancarla Velicevici	Journal of Biotechnology	Elsevier, Netherlands	208 (Suppl. S69)	0168-1656 e-1873-4863	2015	WOS:000359087000210 https://doi.org/10.1016/j.jbiotec.2015.06.210 https://www.sciencedirect.com/science/article/pii/S0168165615004563?via%3Dihub	2.4	Q2	Biotechnology & Applied Microbiology	Meeting Abstract
36	Sugar extraction and saccharification of sweet sorghum biomass for biorefining	Vintila D., Sumalan R., Gergen I., Pop G., Kovacs K.	Journal of Biotechnology	Elsevier, Netherlands	208 (Suppl. S12)	0168-1656 e-1873-4863	2015	WOS:000359087000024 https://doi.org/10.1016/j.jbiotec.2015.06.024 https://www.sciencedirect.com/science/article/pii/S0168165615002709?via%3Dihub	2.4	Q2	Biotechnology & Applied Microbiology	Meeting Abstract
37	Somaclonal variation revealed by ISSR markers of dicot (Caryophyllaceae) and monocot (Iridaceae)	Petolescu Cerasela, Roxana Luca, Giancarla Velicevici, Gabriela Gorinoiu, Alexandra Becherescu, Ioan David, Sabin Chis Jr., Marcel Danci	Journal of Biotechnology	Elsevier, Netherlands	20	0168-1656 e-1873-4863	2015	WOS:000359087000345 https://doi.org/10.1016/j.jbiotec.2015.06.345 https://www.sciencedirect.com/science/article/pii/S016816561500591X?via%3Dihub	2.4	Q2	Biotechnology & Applied Microbiology	Meeting Abstract

Raport sintetic de cercetare - 2015 (F-TPA)

Nr.crt	Articole categoric	Nr.total art.	Nr. Art. (primautor F-TPA)
			2015
1	Articole cu factor de impact	14	8
2	Review-uri cu factor de impact	-	-
	TOTAL 1	14	8
3	Review-uri fără factor de impact	-	-
4	Articole fără factor de impact	2	1
5	Proceedings ISI	15	10
6	Meeting Abstract	6	2
7	Book Chapter	-	-
	TOTAL 2	23	13
	TOTAL	37	25
Nr. Crt.	Reviste/Jurnale/Processings, Paper	Nr	
1	Crystal Growth & Design	1	
2	Journal of Cheminformatics	1	
3	PLoS ONE	2	
5	Eur. J. Inorg. Chem.	1	
6	Journal of Thermal Analysis and Calorimetry	1	
7	Plant, Soil and Environment	1	
8	Revista de Chimie	4	
9	Hemijaska Industrija	1	
10	Notulae Botanicae Horti Agrobotanici Cluj-Napoca	1	
11	Romanian Biotechnological Letters	1	
11	Open Chemistry,	2	
12	15 th International Multidisciplinary Scientific GeoConference SGEM 2015	13	
13	43 rd Symposium "Actual Tasks on Agricultural Engineering", Opatija, Croatia	1	
14	International Conference "Agriculture for Life, Life for Agriculture	1	
15	Journal of Biotechnology (Meeting Abstract)	6	

Intocmit,

Prodecan cercetare,
Prof. Dr. Ing. Nicoleta G. Hadaruga