



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

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Nr.crt	Titlul lucrării	Numele autorilor	Revista/Jurnal	Editura	Volum, nr., pagina	ISSN	Anul publicării	Link pagina web	IF	Quartila (categ.)	Domeniu	Tip
2021												
1	An Innovative Approach to Assess the Ecotoxicological Risks of Soil Exposed to Solid Waste	Bordean, D.-M.; Pirvulescu, L.; Poiana, M.-A.; Alexa, E.; Cozma, A.; Raba, D.N.; Borozan, A.B.; Misca, C.D.; Morar, A.; Obistoiu, D.; Ioan Ladislau Caba	Sustainability	MDPI	13(11), 6141.	2071-1050	2021	https://doi.org/10.3390/su13116141 WOS:000660698700001	3.889	Q2	Green & Sustainable Science & Technology; Environmental Sciences; Environmental Studies	Science & Technology - Other Topics; Environmental Sciences & Ecology
2	Phytochemical Profile and Microbiological Activity of Some Plants Belonging to the Fabaceae Family	Obistoiu, D.; Cocan, I.; Tîrziu, E.; Herman, V.; Negrea, M.; Cucerzan, A.; Neacsu, A.-G.; Cozma, A.L.; Nichita, I.; Hulea, A.; Radulov I, Alexa	Antibiotics	MDPI	10(6), 662.	2079-6382	2021	https://doi.org/10.3390/antibiotics10060662 WOS:000665577600001	5.221	Q2	Infectious DiseasesPharmacology & Pharmacy	Infectious DiseasesPharmacology & Pharmacy
3	Advanced Characterization of Hemp Flour (Cannabis sativa L.) from Dacia Secuiei and Zenit Varieties, Compared to Wheat Flour	Rusu, I.-E.; Marc (Vlaic), R.A.; Muresan, C.C.; Muresan, A.E.; Filip, M.R.; Onica, B.-M.; Csaba, K.B.; Alexa, E.; Szanto, L.; Muste,	Plants	MDPI	10 (6), 1237.	2223-7747	2021	https://doi.org/10.3390/plants10061237 WOS:000666197600001	4.658	Q1	Plant Sciences	Plant Sciences
4	Hemp (Cannabis sativa L.) Flour-Based Wheat Bread as Fortified Bakery Product	Rusu, I.E.; Marc (Vlaic), R.A.; Muresan, C.C.; Muresan, A.E.; Mureșan, V.; Pop, C.R.; Chiș, M.S.; Man, S.M.; Filip, M.R.; Onica, B.-M.; Alexa E, Vasile-Gheorghe Vișan, Sevastița Muste	Plants	MDPI	10 (8), 1558	2223-7747	2021	https://doi.org/10.3390/plants10081558 WOS:000690108600001	4.658	Q1	Plant Sciences	Plant Sciences
5	Antimicrobial Potential and Phytochemical Profile of Wild and Cultivated Populations of Thyme (Thymus sp.) Growing in Western Romania	Beicu, R.; Alexa, E.; Obistoiu, D.; Cocan, I.; Imbrea, F.; Pop, G.; Cîrcioabă, D.; Moisa, C.; Lupitu, A.; Copolovici, L.; Dana Maria Copolovici, Ilinca Merima Imbrea	Plants	MDPI	10 (9), 1833	2223-7747	2021	https://doi.org/10.3390/plants10091833 WOS:000701086100001	4.658	Q1	Plant Sciences	Plant Sciences
6	Variation of Polyphenol Content and Antioxidant Activity in Some Bilberry (Vaccinium myrtillus L.) Populations from Romania	Ciulca, S.; Roma, G.; Alexa, E.; Radulov, I.; Cocan, I.; Madosa, E.; Ciulca, A.	Agronomy	MDPI	11 (12), 2557	2073-4395	2021	https://doi.org/10.3390/agronomy11122557 WOS:000735684400001	3.949	Q1	Agriculture; Plant Sciences	Agriculture; Plant Sciences
7	Chili and Sweet Pepper Seed Oil Used as a Natural Antioxidant to Improve the Thermo-Oxidative Stability of Sunflower Oil	Cocan, I.; Negrea, M.; Cozma, A.; Alexa, E.; Poiana, M.-A.; Raba, D.; Danciu, C.; Popescu, I.; Cadariu, A.I.; Obistoiu, D.; Isidora Radulov	Agronomy	MDPI	11 (12), 2579	2073-4395	2021	https://doi.org/10.3390/agronomy1112257 WOS:000735681500001	3.949	Q1	Agriculture; Plant Sciences	Agriculture; Plant Sciences
8	Antioxidant Activity and Discrimination of Organic Apples (Malus domestica Borkh.) Cultivated in the Western Region of Romania: A DPPH· Kinetics–PCA Approach	Olimpia Alina Iordănescu, Maria Băla, Alina Carmen Iuga, Ionuț Dascălu, Gabriel Stelian Bujancă, Ioan David, Nicoleta Gabriela Hădăruță, Daniel Ioan Hădăruță	Plants-Basel	MDPI	10	2223-7747	2021	https://www.mdpi.com/2223-7747/10/9/1957	4.658	Q1	Plant Sciences	Plant Sciences
9	A DPPH· kinetic approach on the antioxidant activity of various parts	Olimpia Alina Iordănescu, Maria Băla, Simelda Elena Zippenfenning, Marius Ioan Cugerean, Mircea Ionuț	Plants-Basel	MDPI	10	2223-7747	2021	WOS:000690080500001	4.658	Q1	Plant Sciences	Plant Sciences

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	and ripening levels of papaya (Carica papaya L.) ethanolic extracts	Petroman, Daniel Ioan Hădărugă, Nicoleta Gabriela Hădărugă, Mircea Riviș										
10	Structure-property relationships on recrystallized β -cyclodextrin solvates: A focus on X-ray diffractometry, FTIR and thermal analyses	Mihai A Medeleanu, Daniel I Hădărugă, Cornelia V Muntean, Gabriela Popescu, Maria Rada, Alina Hegheș, Simelda E Zippenfening, Christine A Lucan, Ariana B Velciov, Geza N Bandur, Nicoleta G Hădărugă, Mircea Riviș	Carbohydrate Polymers	Elsevier	265	0144-8617	2021	WOS:000649678900007	10.723	Q1	Chemistry Polymer Science	Chemistry, Applied Chemistry, Organic Polymer Science
11	Mathematical Model to Simulate the Transfer of Heavy Metals from Soil to Plant	Cârdei P.; Tudora C.; Vlăduț V.; Pruteanu M.A.; Găgeanu I.; Cujbescu D.; Bordean, D.-M.*; Ungureanu N.; Ipate G.; Cristea O.D.	Sustainability	MDPI	13(11), 6157	2071-1050	2021	WOS:000660768600001	3.889	Q2	Green & Sustainable Science & Technology; Environmental Sciences; Environmental Studies	Science & Technology - Other Topics; Environmental Sciences & Ecology
12	Impact of the Herbicide Oxyfluorfen on the Activities of Some Enzymes Found in Soil and on the Populations of Soil Microorganisms	Filimon, M. N., Roman, D. L., Bordean, D. M., Isvoran, A.	Agronomy	MDPI	11(9), 1702	2073-4395	2021	https://doi.org/10.3390/agronomy11091702	3.417	Q1	Agriculture Plant Sciences	Agronomy Plant Sciences
13	Soil pollution with heavy metals and bioremediation methods	Boroșan A.B., Mișcă C.D., Morar A., Obiștoiu D., Raba D.N., Pirvulescu L., Caba I.L., Alexa E., Poiana, MA, Bordean, DM, Petcu, CD	AgroLife Scientific Journal	Univ Agricultural Sciences & Veterinary Medicine Bucharest	10(1)	2285-5718	2021	WOS:000664923400005	0.17	Q4	Agriculture	Agronomy
14	Chemical Profile of Ruta graveolens, Evaluation of the Antioxidant and Antibacterial Potential of Its Essential Oil and Molecular Docking Simulations	Călin Jianu, Ionuț Goleț. Daniela Stoin, Ileana Cocan, Gabriel Bujancă, Corina Mișcă, Marius Mioc, Alexandra Mioc, Codruța Șoica, Alexandra Teodora Lukinich-Gruia, Laura-Cristina Rusu, Delia Muntean, Delia Ioana Horhat	Applied Sciences	MDPI	11(24), 11753	2076-3417	2021	https://doi.org/10.3390/app112411753 , WOS:000735888700001	2.679	Q2	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Chemistry; Engineering; Materials Science; Physics
15	Antioxidant and Antibacterial Activity of Nepeta _ faassenii Bergmans ex Stearn Essential Oil	Calin Jianu, Radu Moleriu, Daniela Stoin, Ileana Cocan, Gabriel Bujancă, Georgeta Pop, Alexandra Teodora Lukinich-Gruia, Delia Muntean, Laura-Cristina Rusu, Delia Ioana Horhat	Applied Sciences	MDPI	11(1), 442	2076-3417	2021	https://doi.org/10.3390/app11010442 , WOS:000605873800001	2.679	Q2	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Chemistry; Engineering; Materials Science; Physics
16	The influence of some usual preservation methods on the content of vitamin C, chlorophylls and carotenoids from basil (Ocimum basilicum), lovage (Levisticum officinale) and thyme (Thymus vulgaris) leaves	Delia-Gabriela Dumbravă, Diana-Nicoleta Raba, Ileana Cocan, Camelia Moldovan, Mirela-Viorica Popa, Mariana-Atena Poiană, Mărioara Drugă, Carmen Daniela Petcu	Scientific Papers: Series D, Animal Science	Univ Agricultural Sciences & Veterinary Medicine Bucharest	64(2), 337-344	2285-5750	2021	WOS:000737352500046	0.12	Q4	Agriculture	Agriculture, Dairy & Animal Science
17	Study concerning the potential of dried sea buckthorn and lingonberries to develop value-added pork products	Diana Nicoleta Raba, Adriana Moraru Manea, Camelia Moldovan, Mariana-Atena Poiana, Mirela-Viorica Popa, Delia-Gabriela Dumbrava, Corina Dana Misca, Carmen Daniela Petcu	Scientific Papers: Series D, Animal Science	Univ Agricultural Sciences & Veterinary Medicine Bucharest	64(2), 367-373	2285-5750	2021	WOS:000737352500050	0.12	Q4	Agriculture	Agriculture, Dairy & Animal Science
18	Essential Fatty Acids as Biomedicines in Cardiac Health	Igori Balta, Lavinia Stef, Ioan Pet, Tiberiu Iancu, Ducu Stef, Nicolae Corcionivoschi	Biomedicines	MDPI	9, 1466	2227-9059	2021	doi: 10.3390/biomedicines9101466	4.757	Q1	Biochemistry & Molecular Biology Research & Experimental Medicine Pharmacology & Pharmacy	Biochemistry & Molecular Biology Medicine, Research & Experimental Pharmacology & Pharmacy

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19	Physical, Nutritional and Functional Properties of Walnuts Genotypes (<i>Juglans regia</i> L.) from Romania	Olimpia A Iordănescu, Isidora Radulov, Ioana P Buhan, Ileana Cocan, Adina A Berbecea, Iuliana Popescu, Daniela S Poșta, Dorin Camen, Dacian Lalescu	Agronomy	MDPI	11(6), 1092		2021	https://doi.org/10.3390/agronomy11061092	3.949	Q1	Agriculture; Plant Sciences	Agriculture; Plant Sciences
20	The antimicrobial activity of honey and propolis extracts from the central region of Romania	Mihaela Laura Vică, Mirel Glevitzky, Delia Mirela Țit, Tapan Behl, Ramona Cristina Hegheduș-Mîndru, Dana Carmen Zaha, Francesca Ursu, Maria Popa, Ioana Glevitzky, Simona Bungău	Food Bioscience	Elsevier	41, 101014	2285-5750	2021	DOI10.1016/j.fbio.2021.101014	5.318	Q1	Food Science & Technology	Food Science & Technology
21	Fungi and mycotoxins control of wheat grains using essential oils	Bota, V., Sumalan, RM., Raba, DN., Negrea, M., Poiana, MA., Obistoiu, D., Cocan, I., Cozma, A., Petcu, CD., Alexa, E.,	Scientific Papers-Series D-Animal Science	Univ Agricultural Sciences & Veterinary Medicine Bucharest	64(2), 325-329	2285-5750	2021	WOS:000737352500044	0.12	Q4	Agriculture	Agriculture, Dairy & Animal Science
22	Reductive Methylation of Homogeneous Primary beta-Lauryl/myristyl 7/3 Polyethyleneoxy n=3-18 Ethylamines under Phase-Transfer Catalysis Condition	Jianu C.	Molecules	MDPI	26(15), 4612	1420-3049	2021	DOI: 10.3390/molecules26154612 WOS: 000682262200001	4.927	Q2	Biochemistry & Molecular Biology; Chemistry, Multidisciplinary	Biochemistry & Molecular Biology; Chemistry
23	Impact of using dehydrated fruits powder as natural antioxidant on sensory proprieties of nitrite-free salami formulas	Moraru Manea A.I., Raba D.N., Petcu C.D., Cocan I., Ilas A., Moigradean, Diana; Poiana M.A	Scientific Papers: Series D, Animal Science	Univ Agricultural Sciences & Veterinary Medicine Bucharest	65(2), 343-349	2285-5750	2021	https://animalsciencejournal.usamv.ro/index.php/scientific-papers/current?id=1151	0.12	Q4	Agriculture	Agriculture, Dairy & Animal Science
24	Antioxidant and nutritional characteristics of two innovative sugar free fruit jellies	Dumbrava D.G., Raba D.N., Moldovan C., Popa M.V., Misca C.D., Poiana M.A., 2022, Dogaru D.V., Petcu C.D	Scientific Papers. Series D. Animal Science	Univ Agricultural Sciences & Veterinary Medicine Bucharest	65(2), 350-356	2285-5750	2021	https://animalsciencejournal.usamv.ro/index.php/scientific-papers/current?id=1152	0.12	Q4	Agriculture	Agriculture, Dairy & Animal Science
25	Chemical Composition, In Vitro and In Silico Antioxidant Potential of Melissa officinalis subsp. officinalis Essential Oil	Radulescu, M; Jianu, C; Lukinich-Gruia, AT; Mioc; Mioc, A; Soica, C; Stana, LG	Antioxidants	MDPI	10(7), 1081	2076-3921	2021	DOI10.3390/antiox10071081 WOS:000686192100001	7.675	Q1	Biochemistry & Molecular BiologyPharmacology & PharmacyFood Science & Technology	Biochemistry & Molecular BiologyChemistry, MedicinalFood Science & Technology
26	In Silico and In Vitro Evaluation of the Antimicrobial and Antioxidant Potential of Mentha x smithiana R. GRAHAM Essential Oil from Western Romania	Jianu, C ; Stoin, D; Cocan, I; David, I; Pop, G; Lukinich-Gruia, AT; Mioc, M; Soica, C; Muntean, D; Rusu, LC; Golet, I; Horhat, DI; Mioc, A	Foods	MDPI	10(4), 815	2304-8158	2021	DOI10.3390/foods10040815 WOS:000643034300001	5.561	Q1	Food Science & Technology	Food Science & Technology

Raport sintetic de cercetare - 2021 (FIA)

Nr.crt	Articole categoric	Nr.total art.	Nr. Art. (primautor F-IA)
		2021	
1	Articole cu factor de impact	26	18
2	Articole fără factor de impact	0	-
TOTAL 1		18	12

Nr. Crt.	Reviste/Jurnale/Processings. Paper	Nr	IF
1	Sustainability	2	3.889
2	Foods	1	5.561
3	Antibiotics	1	5.221
4	Plants	5	4.658
5	Agronomy	5	3.949
6	Carbohydrate Polymers	1	10.723
7	AgroLife Scientific Journal	1	0.17
8	Applied Sciences	2	2.679
9	Scientific Papers: Series D, Animal Science	4	0.12
10	Biomedicines	1	4.757
11	Food Bioscience	1	5.318
12	Molecules	1	4.927
13	Antioxidants	1	7.675

Decan,

Prof. Dr. Ing. Adrian Riviș

Prodecan cercetare,

Prof. Dr. Ing. Nicoleta G. Hadaruga