



Universitatea de Științele Vieții "Regele Mihai I" din 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 publicării	Link pagina web	IF	Quartila (categ.)	Domeniu	Tip
2022												
1	Hazelnuts (<i>Corylus avellana</i> L.) from Spontaneous Flora of the West Part of Romania: A Source of Nutrients for Locals	Posta, D.S.; Radulov, I.; Cocan, I.; Berbecea, A.A.; Alexa, E.; Hotea, I.; Iordanescu, O.A.; Bala, M.; Căntar, I.C.; Róza, S. Florin L Crista, Marius V Boldea, Monica Negrea, Iuliana Popescu	Agronomy	MDPI	12 (1), 214	2073- 4395	2022	https://doi.org/10.3390/ agronomy12010214 WOS:000758421800001	3.949	Q1	Agriculture; Plant Sciences	Agriculture; Plant Sciences
2	Chemical Composition, Antioxidant and Antimicrobial Activity of Some Types of Honey from Banat Region, Romania	S Pătruică, E Alexa, D Obiștioiu, I Cocan, I Radulov, A Berbecea	Molecules	MDPI	27(13), 4179	1420- 3049	2022	WOS:000824029400001, DOI 10.3390/molecules27134179	4.993	Q2	Biochemistry & Molecular Biology; Chemistry, Multidisciplinary	Biochemistry & Molecular Biology; Chemistry
3	Lupin (<i>Lupinus</i> spp.)-Fortified Bread: A Sustainable, Nutritionally, Functionally, and Technologically Valuable Solution for Bakery	Plustea, L.; Negrea, M.; Cocan, I.; Radulov, I.; Tulcan, C.; Berbecea, A.; Popescu, I.; Obiștioiu, D.; Hotea, I.; Suster, G.; Alexa E.	Foods	MDPI	11, 2067	2304- 8158	2022	https://doi.org/ 10.3390/foods11142067	5.561	Q1	Food Science & Technology	Food Science & Technology
4	The Effect of the Use of Essential Oils in the Feed of Bee Families on Honey Chemical Composition and Antimicrobial Activity	Lazăr RN, Alexa E, Obiștioiu D, Cocan I, Pătruică S,	Applied Sciences	MDPI	12 (3), 1094	2076- 3417	2022	https://doi.org/ 10.3390/app12031094 WOS:000756587700001	2.838	Q2	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Chemistry; Engineering; Materials Science; Physics
5	Diversity of Monofloral Honey Based on the Antimicrobial and Antioxidant Potential.	Hulea, A.; Obiștioiu, D.; Cocan, I.; Alexa, E.; Negrea, M.; Neacsu, A.- G.; Hulea, C.; Pascu, C.; Costinar, L.; Iancu, I.; et al	Antibiotics	MDPI	11, 595	2079- 6382	2022	https://doi.org/10.3390/ antibiotics11050595 WOS:000803410300001	5.222	Q1	Infectious Diseases Pharmacology & Pharmacy	Infectious Diseases Pharmacology & Pharmacy
6	Rutin bioconjugates as potential nutraceutical prodrugs: An in vitro and in ovo toxicological screening	Dehelean CA, Coricovac D, Pinzaru I, Marcovici I, Macasoi IG, Semenescu A, Lazar G, Cînta Pinzaru S, Radulov I, Alexa E, Cretu O	Front Pharmacol	Frontiers Media	23;13:10006 08.	1663- 9812	2022	doi: 10.3389/fphar.2022.100060 8 WOS:000869986300001	5.988	Q1	Pharmacology & Pharmacy	Pharmacology & Pharmacy
7	Antioxidant activity and protective effect of the outer scales hydroalcoholic extract of <i>Allium cepa</i> L. var. Tropea on toxicity damage induced by Cadmium in Caco-2 cells	M Marrelli, MP Argenterieri, E Alexa, D Meleleo, G Statti, P Avato, F Conforti	Food and Chemical Toxicology	Pergamon- Elsevier Science LTD	113495	0278- 6915	2022	https://doi.org/10.1016/j.fct. 2022.113495 .WOS:0008854 55700001	5.572	Q1	Food Science & Technology Toxicology	Food Science & Technology Toxicology
8	The Impact of Insect Flour on Sourdough Fermentation-Fatty Acids, Amino-Acids, Minerals and Volatile Profile	Beldean (Tătar) Bianca Vasilica, Maria Simona Chis, Ersilia Alexa, Carmen Pop, Adriana Păucan, Simona Man, Marta Igual, Kovacs Melinda Haydee, Kovacs Eموke Dalma, Sorin Stănilă, Sonia Socaci, Anca Fărcaș, Adina	Insects	MDPI	13, 576.	2075- 4450	2022	https://doi.org/10.3390/ insects13070576 WOS:000832357300001	3.141	Q1	Entomology	Entomology

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		Berbecea, Iuliana Popescu, Sevastița Muste										
9	Exploring the Potential of Tomato Processing Byproduct as a Natural Antioxidant in Reformulated Nitrite-Free Sausages	Cadariu, A.I.; Cocan, I.; Negrea, M.; Alexa, E.; Obistoiu, D.; Hotea, I.; Radulov, I.; Poiana, M.-A.	Sustainability	MDPI	14, 11802	2071-1050	2022	https://doi.org/10.3390/su141911802 WOS:000867306600001	3.889	Q1	Green & Sustainable Science & Technology; Environmental Sciences; Environmental Studies	Science & Technology - Other Topics; Environmental Sciences & Ecology
10	Study on the Sustainability Potential of Thyme, Oregano, and Coriander Essential Oils Used as Vapours for Antifungal Protection of Wheat and Wheat Products	Bota, V.; Sumalan, R.M.; Obistoiu, D.; Negrea, M.; Cocan, I.; Popescu, I.; Alexa, E.	Sustainability	MDPI	14, 4298	2071-1050	2022	https://doi.org/10.3390/su14074298 WOS:000781474000001	3.889	Q1	Green & Sustainable Science & Technology; Environmental Sciences; Environmental Studies	Science & Technology - Other Topics; Environmental Sciences & Ecology
11	Oxidative Stability and Protective Effect of the Mixture between Helianthus annuus L. and Oenothera biennis L. Oils on 3D Tissue Models of Skin Irritation and Phototoxicity	Fecker R, Magyari-Pavel IZ, Cocan I, Alexa E, Popescu IM, Lombrea A, Bora L, Dehelean CA, Buda V, Folescu R, Danciu C.	Plants	MDPI	11(21), 2977	2223-7747	2022	https://doi.org/10.3390/plants11212977 WOS:000881381700001	4.658	Q1	Plant Sciences	Plant Sciences
12	Investigating the Antioxidant Potential of Bell Pepper Processing By-Products for the Development of Value-Added Sausage Formulations.	Cocan I, Cadariu A-I, Negrea M, Alexa E, Obistoiu D, Radulov I, Poiana M-A.	Applied Sciences	MDPI	12(23), 12421	2076-3417	2022	https://doi.org/10.3390/app122312421	2.838	Q2	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Chemistry; Engineering; Materials Science; Physics
13	Natural Emulsions Based on Essential Oils as Antifungal and Antimycotoxicogenic Agents on Wheat for Bakery Industry.	Alexa, E.; Bota, V.; Sumalan, R.M.; Obistoiu, D.; Negrea, M.; Cocan, I.; Borcan, F.; Cozma, A.; Radulov, I.	Foods	MDPI	11, 2926	2304-8158	2022	https://doi.org/10.3390/foods11182926 WOS:000858337800001	5.561	Q1	Food Science & Technology	Food Science & Technology
14	Cephalometric assessment regarding craniocervical posture in orthodontic patients	Alexa, Vlad Tiberiu, Fratila, Aurora Doris, Szuhaneck, Camelia, Jumanca, Daniela, Lalescu Dacian, Galuscan, Atena	Scientific Reports	Nature Portfolio	12:21729	2045-2322	2022	DOI 10.1038/s41598-022-26243-6	4.997	Q2	Science & Technology - Other Topics	Multidisciplinary Sciences
15	FTIR-PCA Approach on Raw and Thermally Processed Chicken Lipids Stabilized by Nano-Encapsulation in β -Cyclodextrin	Hădăruță Nicoleta Gabriela, Chirilă Cosmina Andrea, Szakal, Raymond Nandy, Gălan Iulia Maria, Simandi Marius Daniel, Bujancă Gabriel Stelian, David Ioan, Riviș Adrian, Stanciu Sorin Mihai, Hădăruță D.I.	Foods	MDPI	11(22), 3632	2304-8158	2022	DOI 10.3390/foods11223632	5.561	Q1	Food Science & Technology	Food Science & Technology
16	Exploring the Potential of Grape Pomace Extract to Inhibit Thermo-Oxidative Degradation of Sunflower Oil: From Routine Tests to ATR-FTIR Spectroscopy	Mariana-Atena Poiana, Diana Moigradean, Delia-Gabriela Dumbrava, Isidora Radulov, Diana Nicoleta Raba, Adrian Riviș	Foods	MDPI	11, 3674.	2304-8158	2022	https://doi.org/10.3390/foods11223674	5.561	Q1	Food Science & Technology	Food Science & Technology
17	In Vitro and In Silico Evaluation of the Antimicrobial and Antioxidant Potential of Thymus pulegioides Essential Oil	Călin Jianu, Laura-Cristina Rusu, Iulia Muntean, Ileana Cocan, Alexandra Teodora Lukinich-Gruia, Ionut, Golet, Delia Horhat, Marius Mioc, Alexandra Mioc, Codrut Soica, Gabriel Bujancă, Adrian Cosmin Ilie, Delia Muntean	Antioxidants	MDPI	11(12):2472	2076-3921	2022	https://doi.org/10.3390/antiox11122472 WOS:000900300500001	7.675	Q1	Biochemistry & Molecular Biology/Pharmacology & Pharmacy/Food Science & Technology	Biochemistry & Molecular Biology/Chemistry, Medicinal/Food Science & Technology
18	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., Petcu, C. D	Scientific Papers: Series D, Animal Science	Univ Agricultural Sciences & Veterinary Medicine Bucharest	65(2), 350-356	2285-5750	2022	WOS:000914162300051 ANTIOXIDANT AND NUTRITIONAL CHARACTERISTICS OF TWO INNOVATIVE SUGAR FREE FRUIT	0.12	Q4	Agriculture	Agriculture, Dairy & Animal Science

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								JELLIES-Web of Science Core Collection (e- nformation.ro)				
19	The Antioxidant Effect of Natural Antimicrobials in Shrimp Primary Intestinal Cells Infected with Nematopsis messor	Igori Balta, Lavinia Stef , Eugenia Butucel, Gratiela Gradisteanu Pircalabioru, Adelina Venig, Patrick Ward, Myriam Deshaies, Ioan Pet, Ducu Stef , Osman Y Koyun, Todd R Callaway, Ozan Gundogdu, Nicolae Corcionivoschi	Antioxidants	MDPI	15;11(5):974	2076-3921	2022	doi: 10.3390/antiox11050974	7.675	Q1	Biochemistry & Molecular Biology Pharmacology & Pharmacy Food Science & Technology	Biochemistry & Molecular Biology Chemistry, Medicinal Food Science & Technology
20	Potential Effects of Romanian Propolis Extracts Against Pathogen Strains.	Vică, M.L.; Glevitzky, M.; Hegheduş-Mindru, R.C.; Glevitzky, I.; Matei, H.V.; Balici, S.; Popa, M.; Teodoru, C.A	Int. J. Environ. Res. Public Health	MDPI	19 (5), 2640.	1660-4601	2022	https://doi.org/10.3390/ijerp19052640 WOS:000768927700001	4.614	Q1	Environmental Sciences & Ecology Public, Environmental & Occupational Health	Environmental Sciences Public, Environmental & Occupational Health
21	Sustainable Nutrition for Increased Food Security Related to Romanian Consumers' Behavior	Balan, I.M.; Gherman, E.D.; Gherman, R.; Brad, I.; Pascala, R.; Popescu, G.; Trasca, T.I.	Nutrients	MDPI	14(22)	2072-6643	2022	DOI10.3390/nu14224892 WOS:000887627500001	6.706	Q1	Nutrition & Dietetics	Nutrition & Dietetics
22	Metabolic Food Waste as Food Insecurity Factor—Causes and Preventions	I.M.Balan, E.D.Gherman, I.Brad, R.Gherman, A.Horablagă, T.I.Trasca	Foods	MDPI	11(15)	2304-8158	2022	DOI10.3390/foods11152179 WOS:000839868200001	5.561	Q1	Food Science & Technology	Food Science & Technology
23	The enrichment of bread with algae species	Ducu-Sandu Stef, Adrian Rivis, Teodor Ioan Trasca, Mircea Pop, Gabriel Heghedus-Mindru, Lavinia Stef, Adela Marcu	Scientific Papers. Series D. Animal Science	Univ Agricultural Sciences & Veterinary Medicine Bucharest	65(1)	2285-5750	2022	WOS:000834534200074	0.12	Q4	Agriculture	Agriculture, Dairy & Animal Science
24	Impact of Dentistry Materials on Chemical Remineralisation /Infiltration versus Salivary Remineralisation of Enamel—In Vitro Study	Damian R., Dumitrescu R., Alexa V., Focht D., Schwartz C., Balean O., Jumanca D., Obistoiu D., Lalescu D., Stefaniga S., Berbecea A., Fratila A., Scurtu A., Galuscan A.,	Materials	MDPI	15(20), 7258	1996-1944	2022	DOI10.3390/ma15207258 WOS:000872873500001	3.748	Q2	Chemistry Materials Science Metallurgy & Metallurgical Engineering Physics	Chemistry, Physical Materials Science, Multidisciplinary Metallurgy & Metallurgical Engineering Physics, Applied Physics, Condensed Matter
25	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	2022	https://animalsciencejournal.usamv.ro/index.php/scientific-papers/current?id=1151	0.12		Agriculture	Agriculture, Dairy & Animal Science

Raport sintetic de cercetare - 2022 (FIA)

Nr.crt	Articole categorie	Nr.total art.	Nr. Art. (primautor F-IA)
		2022	
1	Articole cu factor de impact	26	17
2	Articole fără factor de impact	-	-
TOTAL 1		26	17

Nr. Crt.	Reviste/Jurnale/Processings. Paper	Nr	IF
	Agronomy	1	3.949
	Molecules	1	4.993
	Foods	6	5.561
	Applied Sciences	2	2.838
	Antibiotics	1	5.222
	Front Pharmacol	1	5.988
	Food and Chemical Toxicology	1	5.572
	Insects	1	3.141
	Sustainability	2	3.889
	Plants	1	4.658
	Scientific Reports	1	4.997
	Antioxidants	2	7.675
	Int. J. Environ, Res. Public Health	1	4.614
	Nutrients	1	6.706
	Materials	1	3.748
	Scientific Papers. Series D. Animal Science	3	0.12

Decan,

Prof. Dr. Ing. Adrian Riviş

Prodecan cercetare,

Prof. Dr. Ing. Nicoleta G. Hadaruga