



Universitatea de Științele Vieții "Regele Mihai I" din Timișoara

300645-Timișoara, Calea Aradului 119, Romania



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
2023												
1	Influence of Sample Preparation/Extraction Method on the Phytochemical Profile and Antimicrobial Activities of 12 Commonly Consumed Medicinal Plants in Romania	Nicolae Marinel Horablaga, Antoanela Cozma, Ersilia Alexa, Diana Obistoiu, Ileana Cocan, Mariana-Atena Poiana, Dacian Lalescu, Georgeta Pop, Ilinca Merima Imbrea, Ciprian Buzna	Appl. Sci.	MDPI	13(4), 2530	2076-3417	2023	https://doi.org/10.3390/app13042530	2.7	Q2	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Chemistry; Engineering; Materials Science; Physics
2	Metabolic Profile of Einkorn, Spelt, Emmer Ancient Wheat Species Sourdough Fermented with Strain of Lactiplantibacillus plantarum ATCC 8014	Larisa Rebeca Serban, Adriana Păucean, Maria Simona Chis, Carmen Rodica Pop, Simona Maria Man, Andreea Puscas, Floricuta Ranga, Sonia Ancuta Socaci, Ersilia Alexa, Adina Berbecea, Cristina Anamaria Semeniuc, Vlad Muresan	Foods	MDPI	12(5), 1096	2304-8158	2023	DOI10.3390/foods12051096	5.2	Q1	Food Science & Technology	Food Science & Technology
3	Insights on the Potential of Carob Powder (<i>Ceratonia siliqua</i> L.) to Improve the Physico-Chemical, Biochemical and Nutritional Properties of Wheat Durum Pasta	Mirabela Ioana Lupu, Cristina Maria Canja, Vasile Padureanu, Adriana Boieriu, Alina Maier, Carmen Badarau, Cristina Padureanu, Catalin Croitoru, Ersilia Alexa, Mariana-Atena Poiana	Appl. Sci.	MDPI	13(6), 3788	2076-3417	2023	DOI10.3390/app13063788	2.7	Q2	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Chemistry; Engineering; Materials Science; Physics
4	Optimization of A Procedure to Improve the Extraction Rate of Biologically Active Compounds in Red Grape Must Using High-Power Ultrasound	Alina Maier, Vasile Padureanu, Mirabela Ioana Lupu, Cristina Maria Canja, Carmen Badarau, Cristina Padureanu, Ersilia Alexa, Mariana-Atena Poiana	Sustainability	MDPI	15(8), 6697	2071-1050	2023	DOI10.3390/su15086697	3.9	Q2	Green & Sustainable Science & Technology; Environmental Sciences; Environmental Studies	Science & Technology - Other Topics; Environmental Sciences & Ecology
5	Ultrasound Treatment Influence on Antioxidant Properties of Blueberry Vinegar	Cristina Padureanu, Carmen Liliana Badarau, Alina Maier, Vasile Padureanu, Mirabela Ioana Lupu, Cristina Maria Canja, Geronimo Raducu Branesco, Oana-Crina Bujor, Florentina Matei, Mariana-Atena Poiana, Ersilia Alexa, Anisor Nedelcu	Fermentation-Basel	MDPI	7(9), 600		2023	DOI10.3390/fermentation9070600	3.7	Q2	Biotechnology & Applied Microbiology	Biotechnology & Applied Microbiology
6	Nutritional, Physico-Chemical, Phytochemical, and Rheological Characteristics of Composite Flour	Sylvestre Dossa, Monica Negrea, Ileana Cocan, Adina Berbecea, Diana Obistoiu, Christine	Foods	MDPI	12(14), 2697	2304-8158	2023	DOI10.3390/foods12142697	5.2	Q1	Food Science & Technology	Food Science & Technology

Facultatea de Inginerie Alimentară - 2023

	Substituted by Baobab Pulp Flour (<i>Adansonia digitata</i> L.) for Bread Making	Dragomir, Ersilia Alexa, Adrian Ravis										
7	Research on the Control of Gastrointestinal Strongyles in Sheep by Using Lotus corniculatus or Cichorium intybus in Feed	Călin-Alexandru Ciresan, Ileana Cocan, Ersilia Alexa, Liliana Cărpănișan, Cătălin Bogdan Sîrbu, Diana Obistioiu, Beatrice Ana-Maria Jitea, Tiana Florea, Gheorghe Dărăbăș	Pathogens	MDPI	12(8), 986	2076-0817	2023	DOI10.3390/pathogens12080986	3.7	Q2	Microbiology	Microbiology
8	Strategies to Formulate Value-Added Pastry Products from Composite Flours Based on Spelt Flour and Grape Pomace Powder	Mariana-Atena Poiana, Ersilia Alexa, Isidora Radulov, Diana-Nicoleta Raba, Ileana Cocan, Monica Negrea, Corina Dana Misca, Christine Dragomir, Sylvestre Dossa, Gabriel Suster	Foods	MDPI	12(17), 3239	2304-8158	2023	DOI10.3390/foods12173239	5.2	Q1	Food Science & Technology	Food Science & Technology
9	Insights into the Development of Pastry Products Based on Spelt Flour Fortified with Lingonberry Powder	Diana-Nicoleta Raba, Isidora Radulov, Ersilia Alexa, Mariana-Atena Poiana, Corina Dana Misca, Ileana Cocan, Monica Negrea, Gabriel Suster, Christine Dragomir	Agronomy	MDPI	13 (10), 2609	2073-4395	2023	DOI10.3390/agronomy13102609	3.7	Q1	Agriculture; Plant Sciences	Agriculture; Plant Sciences
10	<i>Boswellia</i> Essential Oil: Natural Antioxidant as an Effective Antimicrobial and Anti-Inflammatory Agent	Diana Obistioiu, Anca Hulea, Ileana Cocan, Ersilia Alexa, Monica Negrea, Iuliana Popescu, Viorel Herman, Ilina Merima Imbrea, Gabriel Heghedus-Mindru, Mukhtar Adeiza Suleiman, Isidora Radulov, Florin Imbrea	Antioxidants	MDPI	12(10):1807	2076-3921	2023	DOI10.3390/antiox12101807	7	Q1	Biochemistry & Molecular BiologyPharmacology & PharmacyFood Science & Technology	Biochemistry & Molecular BiologyChemistry, MedicinalFood Science & Technology
11	Influence of Extraction Methods on the Phytochemical Profile of <i>Sambucus nigra</i> L.	Doris Floares (Oarga), Ileana Cocan, Ersilia Alexa, Mariana-Atena Poiana, Adina Berbecea, Marius Valentin Boldea, Monica Negrea, Diana Obistioiu, Isidora Radulov	Agronomy	MDPI	13(12), 3061	2073-4395	2023	DOI10.3390/agronomy13123061	3.7	Q1	Agriculture; Plant Sciences	Agriculture; Plant Sciences
12	Gluten-Free Cookies Enriched with Baobab Flour (<i>Adansonia digitata</i> L.) and Buckwheat Flour (<i>Fagopyrum esculentum</i>)	Sylvestre Dossa, Christine Dragomir, Loredana Plustea, Cosmin Dinulescu, Ileana Cocan, Monica Negrea, Adina Berbecea, Ersilia Alexa, Adrian Ravis	Appl. Sci.	MDPI	13(23), 12908	2076-3417	2023	https://doi.org/10.3390/app132312908	2.7	Q2	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied	Chemistry; Engineering; Materials Science; Physics
13	Estimation of the Controlled Release of Antioxidants from β -Cyclodextrin/Chamomile (<i>Matricaria chamomilla</i> L.) or Milk Thistle (<i>Silybum marianum</i> L.), Asteraceae, Hydrophilic Extract Complexes through the Fast and Cheap Spectrophotometric Technique	Adina Horablaga, Alina Sibă (Ciobanu), Corina Iuliana Megyesi, Dina Gligor (Pane), Gabriel Stelian Bujancă, Ariana Bianca Velciov, Florica Emilia Morariu, Daniel Ioan Hădăruță, Corina Dana Mișcă, Nicoleta Gabriela Hădăruță	Plants	MDPI	12, 2352	2223-7747	2023	https://doi.org/10.3390/plants12122352	4.5	Q1	Plant Sciences	Plant Sciences
14	Beneficial Effects of Resveratrol and γ -Cyclodextrin on the Hematological and Biochemical Parameters of Healthy Wistar Rats Treated with Cisplatin: A PCA Approach	Nicoleta-Gabriela Hădăruță, Zeno Gârban, Cornel Baltă, Florin Muselin, Daniel-Ioan Hădăruță, Mircea Riviș	Biomedicines	MDPI	11(10), 2726	2227-9059	2023	DOI10.3390/biomedicines11102726	4.7	Q1	Biochemistry & Molecular BiologyResearch & Experimental MedicinePharmacology & Pharmacy	Biochemistry & Molecular BiologyResearch & Experimental MedicinePharmacology & Pharmacy

Facultatea de Inginerie Alimentară - 2023

											ecology & Pharmacy	
15	Urine Metabolomic Signature of People Diagnosed with Balkan Endemic Nephropathy and Other Types of Chronic Kidney Disease Compared with Healthy Subjects in Romania	Valentin L. Ordodi, Nicoleta G. Hădărugă, Daniel I. Hădărugă, Alexandra T. Lukinich-Gruia, Mihaela Mărgineanu, Călin A. Tatu, V. Păunescu	Metabolites	MDPI	13(3), 609	2218-1989	2023	DOI10.3390/metabo13050609	4.1	Q2	Biochemistry & Molecular Biology	Biochemistry & Molecular Biology
16	Discrimination of β -cyclodextrin/hazelnut (<i>Corylus avellana</i> L.) oil/flavonoid glycoside and flavonolignan ternary complexes by Fourier-transform infrared spectroscopy coupled with principal component analysis	Nicoleta G. Hădărugă, Gabriela Popescu, Dina Gligor (Pane), Cristina L. Mitroi, Sorin M. Stanciu, Daniel Ioan Hădărugă	Beilstein Journal of Organic Chemistry	Beilstein-Institut	19	1860-5397	2023	DOI10.3762/bjoc.19.30	2.7	Q2	Chemistry	Chemistry, Organic
17	Current trends in the development of value-added food products by exploiting the functional potential of chestnut flour and rosehip powder	Pop Ioana-Alina, Moldovan Camelia, Plustea Loredana, Stoin Daniela, Raba Diana-Nicoleta, Moigradean, Diana, Dumbrava, Delia-Gabriela, Poiana, Mariana-Atena	Scientific Papers-Series D-Animal Science	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	66(1)	2285-5750	2023	-	0.3	Q4	Agriculture	Agriculture, Dairy & Animal Science
18	Sensory and physico-chemical characteristics of muffins obtained from non-conventional aglutenic flours	Moldovan Camelia, Popa Viorica-Mirela, Raba Diana-Nicoleta, Borozan Aurica-Breica, Misca Corina-Dana, Poiana, Mariana Atena, Druga Marioara, Petcu Carmen Daniela, Dumbrava Delia-Gabriela	Scientific Papers-Series D-Animal Science	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	66(1)	2285-5750	2023	-	0.3	Q4	Agriculture	Agriculture, Dairy & Animal Science
19	Assessing the ability of freeze-dried extracts from blackberry processing by-products to enhance the antioxidant function of sunflower oil during high-temperature heating	Metzner Ungureanu Cristina-Ramona, Moraru Manea Adriana-Ioana, Dumbrava, Delia-Gabriela, Raba Diana-Nicoleta, Petcu Carmen Daniela, Ravis Adrian, Poiana Mariana-Atena	Scientific Papers-Series D-Animal Science	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	66(1)	2285-5750	2023	-	0.3	Q4	Agriculture	Agriculture, Dairy & Animal Science
20	Risk Assessment of Sulfonylurea Herbicides Based on a Complex Bioindicator	Aurica Breica Borozan, Despina-Maria Bordean, Oana Maria Boldura, Sorina Popescu, Marioara Nicoleta Caraba, Camelia Moldovan	Agriculture-Basel	MDPI	13, 924	2077-0472	2023	https://doi.org/10.3390/agriculture13050924	3.7	Q1	Agriculture	Agronomy
21	A meat products alternative: vegan cashew pariser - antioxidant, nutritional and sensory characteristics	Dumbrava, Delia-Gabriela, Raba, Diana-Nicoleta; Moldovan, Camelia; Popa, Mirela-Viorica; Misca, Corina Dana; Poiana, Mariana-Atena; Druga, Marioara; Petcu, Carmen Daniela	Scientific Papers-Series D-Animal Science	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	66(2)	2285-5750	2023	-	0.3	Q4	Agriculture	Agriculture, Dairy & Animal Science
22	Food Intake of Macro and Trace Elements from Different Fresh Vegetables Taken from Timisoara Market, Romania-Chemometric Analysis of the Results	Gabriel Heghedus,-Mîndru, Petru Negrea, Teodor Ioan Trască, Ducu Sandu Stef, Ileana Cocan and Ramona Cristina Heghedus-Mîndru	Foods	MDPI	12(4)	2304-8158	2023	DOI10.3390/foods12040749	5.2	Q1	Food Science & Technology	Food Science & Technology
23	Innovative pasta formulation based on barley/oat flour fortified with sea buckthorn powder	Dragomir, Christine; Dossa, Sylvestre; Radulov, Isidora; Alexa, Ersilia; Poiana, Mariana-Atena; Raba, Diana-Nicoleta; Misca, Corina Dana; Cocan, Ileana; Negrea, Monica; Suster, Gabriel; Petcu, Carmen Daniela	Scientific Papers-Series D-Animal Science	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	66(2)	2285-5750	2023	-	0.3	Q4	Agriculture	Agriculture, Dairy & Animal Science
24	Evaluation of microorganisms and molecular variability of some old varieties of <i>Malus domestica</i> L.	Borozan, Aurica Breica; Popescu, Sorina; Dumbrava, Delia Gabriela; Raba, Diana; Popa, Mirela; Misca, Corina Dana; Scedei, Daniela; Bordean,	Scientific Papers-Series D-Animal Science	Univ Agronomic Sciences & Veterinary Medicine	66(2)	2285-5750	2023	-	0.3	Q4	Agriculture	Agriculture, Dairy & Animal Science

Facultatea de Inginerie Alimentară - 2023

		Despina-Maria; Moldovan, Camelia		Bucharest - USAMV								
25	Bakery products with value-added premix based on lupin (<i>Lupinus angustifolius</i>) sprouts	Plustea (Paven), Loredana; Raba, Diana Nicoleta; Negrea, Monica; Cocan, Ileana; Dragomir, Christine; Poiana, Mariana-Atena; Petcu, Carmen Daniela; Chica, Mirabela; Cozma, Antoanela; Berbecea, Adina; Alexa, Ersilia	Scientific Papers-Series D-Animal Science	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	66(2)	2285-5750	2023	-	0.3	Q4	Agriculture	Agriculture, Dairy & Animal Science
26	Determination of the mineral profile of potatoes peel, by-product from potato processing- a preliminary study	Cozma, Antoanela; Mihut, Casiana; Velciov, Ariana; Chis, Codruta; Popescu, Sofia; Cozma, Bogdan; Marazan, Vlad; Rada, Maria; Alexa, Ersilia	Scientific Papers-Series B-Horticulture	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	67(1)	2285-5653	2023	-	0.4	Q4	Plant Sciences	Plant Sciences
27	Applications of Romanian Propolis in Phyto-Inhibitory Activity and Antimicrobial Protection: A Comparative Study	Ramona Cristina Hegheduş-Mîndru, Mirel Glevitzky, Gabriel Hegheduş-Mîndru, Gabriela-Alina Dumitrele, Maria Popa, Doriana Maria Popa, Isidora Radulov, Mihaela Laura Vică	Antibiotics	MDPI	12(12)	2079-6382	2023	DOI10.3390/antibiotics12121682	4.8	Q1	Infectious DiseasesPharmacology & Pharmacy	Infectious DiseasesPharmacology & Pharmacy
28	Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania	Mihaela Laura Vică, Mirel Glevitzky, Ramona Cristina Hegheduş-Mîndru, Gabriela-Alina Dumitrele, Gabriel Hegheduş-Mîndru, Maria Popa 3, Doriana Maria Faur, Ştefana Bălici and Cosmin Adrian Teodoru	Antibiotics	MDPI	12(6)	2079-6382	2023	DOI10.3390/antibiotics12061015	4.8	Q1	Infectious Diseases Pharmacology & Pharmacy	Infectious DiseasesPharmacology & Pharmacy
29	Essential Oil of <i>Origanum vulgare</i> var. <i>aureum</i> L. from Western Romania: Chemical Analysis, In Vitro and In Silico Screening of Its Antioxidant Activity	Călin Jianu, Alexandra Teodora Lukinich-Gruia, Matilda Rădulescu, Marius Mioc, Alexandra Mioc, Codruţa Şoica, Albert Titus Constantin, Ioan David, Gabriel Bujancă, Roxana Ghircău Radu	Applied Sciences-Basel	MDPI	13(8)	2076-3417	2023	DOI10.3390/app13085076	2.7	Q1	Chemistry Engineering Materials Science Physics	Chemistry, Multidisciplinary Engineering, Multidisciplinary Materials Science, Multidisciplinary Physics, Applied
30	In Vivo Performance of Visual Criteria, Laser-Induced Fluorescence, and Light-Induced Fluorescence for Early Caries Detection	Antonis Perdiou, Aurora Doris Fratila, Ruxandra Sava-Rosianu, Vlad Tiberiu Alexa, Dacian Lalescu, Daniela Jumanca and Atena Galuscan	Diagnostics	MDPI	13(20)	2075-4418	2023	https://doi.org/10.3390/diagnostics13203170	3.6	Q2	General & Internal Medicine	Medicine, General & Internal
31	Editorial for the Special Issue, "Research on the Antioxidant, Antibacterial, and Anti-Drug Properties of Plant Ingredients"	Călin Jianu, Georgeta Pop	Applied Sciences-Basel	MDPI	13(11)	2076-3417	2023	https://doi.org/10.3390/app13116570	2.7	Q2	Chemistry Engineering Materials Science Physics	Chemistry, Multidisciplinary Engineering, Multidisciplinary Materials Science, Multidisciplinary Physics, Applied
32	Natural Antimicrobials Promote the Anti-Oxidative Inhibition of COX-2 Mediated Inflammatory Response in Primary Oral Cells Infected with <i>Staphylococcus aureus</i> , <i>Streptococcus pyogenes</i> and <i>Enterococcus faecalis</i>	Eugenia Butucel, Igori Balta, Iulia Adelina Bundurus, Cosmin Alin Popescu, Tiberiu Iancu, Adelina Venig, Ioan Pet, Ducu Stef, David McCleery, Lavinia Stef and Nicolae Corcionivoschi	Antioxidants	MDPI	12(5)	2076-3921	2023	https://doi.org/10.3390/antiox12051017	7	Q1	Biochemistry & Molecular BiologyPharmacology & PharmacyFood Science & Technology	Biochemistry & Molecular BiologyChemistry, MedicinalFood Science & Technology
33	Enhancing the Antimicrobial Effect of Ozone with <i>Mentha piperita</i> Essential Oil	Alin-Daniel Floare, Ramona Dumitrescu, Vlad Tiberiu Alexa, Octavia Balean, Camelia Szuhaneck, Diana Obistoiu, Ileana Cocan, Alina-Georgeta Neacsu, Iuliana Popescu, Aurora Doris Fratila and Atena Galuscan	Molecules	MDPI	28(5)	1420-3049	2023	https://doi.org/10.3390/molecules28052032	4.6	Q2	Biochemistry & Molecular Biology Chemistry	Biochemistry & Molecular Biology Chemistry, Multidisciplinary

Facultatea de Inginerie Alimentară - 2023

34	Comparative study on the antimicrobial activity of propolis, catechin, quercetin and gallic acid	Aurica B. Borozan, Sorina Popescu, Emilian Madosa, Adriana Ciulca, Camelia Moldovan, Iosif Gergen	Notulae Botanicae Horti Agrobotanici Cluj-Napoca	Univ Agr Sci & Veterinary Med Cluj-Napoca	51(2)	1842-4309	2023	DOI10.15835/nbha51212826	1.8	Q3	Plant Sciences	Plant Sciences
35	The Prebiotic Effect of an Organic Acid Mixture on Faecalibacterium prausnitzii Metabolism and Its Anti-Pathogenic Role against <i>Vibrio parahaemolyticus</i> in Shrimp	Eugenia Butucel, Iori Balta, David McCleery, Adela Marcu, Ducu Stef, Ioan Pet, Todd Callaway, Lavinia Stef and Nicolae Corcionivoschi	Biology-Basel	MDPI	12(1)	2079-7737	2023	DOI10.3390/biology12010057	4.2	Q2	Life Sciences & Biomedicine - Other Topics	Biology
36	The use of <i>Moringa Oleifera</i> as value-added ingredient in bakery industry	Dossa, Sylvestre; Dragomir, Christine; Birta, Iasminca; Argyelan, Cristian; Ravis, Adrian	Scientific Papers-Series D-Animal Science	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	66(2)	2285-5750	2023	-	0.3	Q4	Agriculture	Agriculture, Dairy & Animal Science
TOTAL									113.3			

Raport sintetic de cercetare - 2023 (FIA)

Nr.crt	Articole categorie	Nr.total art.	Nr. Art. (primautor F-IA)
		2023	
1	Articole cu factor de impact (Q1)	14	7
	Articole cu factor de impact (Q2)	12	9
	Articole cu factor de impact (Q4)	10	7
TOTAL 1		36	23

Nr. Crt.	Reviste/Jurnale/Processings. Paper	Nr	IF
1	Agriculture-Basel	1	3.7
2	Agronomy	2	3.7
3	Antibiotics	2	4.8
4	Antioxidants	2	7
5	Applied Sciences-Basel	5	2.7
6	Beilstein Journal of Organic Chemistry	1	2.7
7	Biology-Basel	1	4.2
8	Biomedicines	1	4.7
9	Diagnostics	1	3.6
10	Fermentation-Basel	1	3.7
11	Foods	4	5.2
12	Metabolites	1	4.1
13	Molecules	1	4.6
15	Notulae Botanicae Horti Agrobotanici Cluj-Napoca	1	1.8
16	Pathogens	1	3.7
17	Plants	1	4.5

Decan,

Prof. Dr. Ing. Adrian Riviş

Prodecan cercetare,

Prof. Dr. Ing. Nicoleta G. Hadaruga

A handwritten signature in blue ink, appearing to read 'H. Hadaruga', with a long horizontal stroke extending to the right.