Universitatea de Ştiinţele Vieţii "*Regele Mihai I*" dinTimişoara

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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
1	Nutritional composition, in vitro carbohydrates digestibility, textural and sensory characteristics of bread as affected by ancient wheat flour type and sourdough fermentation time,	Adriana Păucean, Larisa-Rebeca Șerban, Maria Simona Chiș, Vlad Mureșan, Andreea Pușcaș, Simona Maria Man, Carmen Rodica Pop, Sonia Ancuța Socaci, Marta Igual, Floricuța Ranga, Ersilia Alexa, Adina Berbecea, Anamaria Pop,	Foods Chemistry	Elsvier	X, Volume 22,	2304-8158	2024	https://doi.org/10.1016/j.fochx.2024.101298	8.5	Q1	Food Science & Technology
2	Nutritional, Phytochemical, and Rheological Profiles of Different Oat Varieties and Their Potential in the Flour Industry.	Ruja, A.; Cozma, A.; Cozma, B.; Horablaga, N.M.; Dinulescu, C.; Alexa, E.; Buzna, C.; Cocan, I.; Berbecea, A.; Dossa, S.; Heghedus G., Pop G., Imbrea I.M	Agronomy	MDPI	*14*, 1438.	2073-4395	2024	DOI10.3390/app13063788	3.3	Q1	Agriculture; Plant Sciences
3	In Vitro and In Silico Evaluation of Syzygium aromaticum Essential Oil: Effects on Mitochondrial Function and Cytotoxic Potential Against Cancer Cells	Munteanu, A., Gogulescu, A., Șoica, C., Mioc, A., Mioc, M., Milan, A., Jianu, C., Racoviceanu, R.	Plants	MDPI	Vol 13	2223-7747	2024	https://www.mdpi.com/2223-7747/13/23/3443	4	Q1	Plant Sciences
4	Romanian Bee Product Analysis: Chemical Composition, Antimicrobial Activity, and Molecular Docking Insights	Pătruică, S.; Adeiza, S.M.; Hulea, A.; Alexa, E.; Cocan, I.; Moraru, D.; Imbrea, I.; Floares, D.; Pet, I.; Imbrea, F.; D.Obistioiu,	Foods	MDPI	13, 1455	2304-8158	2024	https://doi.org/10.3390/foods13101455	4.7	Q1	Food Science & Technology
5	Comparative Study of the Nutritional, Phytochemical, Sensory Characteristics and Glycemic Response of Cookies Enriched with Lupin Sprout Flour and Lupin Green Sprout	Plustea, L.; Dossa, S.; Dragomir, C.; Cocan, I.; Negrea, M.; Obistioiu, D.; Poiana, M.-A.; Voica, D.; Berbecea, A.; **Alexa, E.,**	Foods	MDPI	13, 656.	2304-8158	2024	https://doi.org/10.3390/foods13050656	4.7	Q1	Food Science & Technology
6	Insights into the Paulownia Shan tong (Fortunei × Tomentosa) Essential Oil and In Silico Analysis of Potential Biological Targets of Its Compounds. Foods (FI: 4.7; Q1; WOS:001201564800001)	**Jianu, C.,** Mioc M., Mioc A., Șoica C., Lukinich-Gruia A. T., Bujancă G., Rădulescu M	Foods	MDPI	13, 7: 1007.	2304-8158	2024	DOI: 10.3390/foods13071007;	4.7	Q1	Food Science & Technology
7	Inhibitory Effects and Composition Analysis of Romanian Propolis: Applications in Organic and Sustainable Agriculture	**Heghedűș-Mîndru, G.**; Glevitzky, M.; Heghedűș-Mîndru, R.C.; Dumitrel, G.-A.; Popa, M.; Glevitzky, I.; Obiștioiu, D.; Cocan, I.; Vică, M.L. I	Plants	MDPI	13 (23)	2223-7747	2024	10.3390/plants13233355	4	Q1	Plant Sciences
8.	Cholesterol Gallstones and Long-Term Use of Statins: Is Gut Microbiota Dysbiosis Bridging over Uncertainties?	Georgescu, D; Lighezan, DF; Ionita, I; **Hadaruga, N**; Buzas, R; Rosca, CI; Ionita, M; Suceava, I; Mitu, DA; Ancusa, OE	Diagnostics	MDPI	14	2075-4418	2024	https://www.mdpi.com/2075-4418/14/12/1234	3	Q1	Medicine General, Internal
9	Dossa S., Dragomir C.; Plustea L., Dinulescu C., Cocan I., Negrea M., Berbecea A., Alexa E., Rivis A	Gluten-Free Cookies Enriched with Baobab Flour (Adansonia digitata L.) and Buckwheat Flour (Fagopyrum esculentum	Applied Sciences	MDPI	14(10)	2076-3417	2024	https://www.mdpi.com/2076-3417/13/23/12908	2.7	Q1	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied

10	Molecular Docking Studies and In Vitro Activity of Paliurus spina-christi Mill Extracts as Pancreatic Lipase Inhibitors	Grande, F.; Marrelli, M.; Amodeo, V.; Occhiuzzi, M.A.; Pinzaru, I.; Fucile, M.; Dehelean, C.A.; Alexa, E.; Conforti, F.; Statti, G.	Antioxidants	MDPI	13, 160.	2076-3921	2024	https://doi.org/10.3390/antiox13020160,	7.68	Q1	Biochemistry & Molecular BiologyPharmacology & PharmacyFood Science & Technology
11	The mechanistic role of natural antimicrobials in preventing Staphylococcus aureus invasion of MAC-T cells using an in vitro mastitis model	Igori Balta, David McCleery, Saida Roxana Feier David, Elena Pet, **Ducu Stef**, Tiberiu Iancu, Ioan Pet, Lavinia Stef and Nicolae Corcionivoschi	Irish Veterinary Journal	National Library of Medicine	77:3.	0368-0762	2024	https://irishvetjournal.biomedcentral.com/articles/10.1186/s13620-024-00265-0	2.85	Q1	Veterinary Sciences
12	Enhancing Esthetics in Direct Dental Resin Composite: Investigating Surface Roughness and Color Stability	A. Hajdu, R. Dumitrescu, O. Balean, D. Lalescu, B. Buzatu, V. Bolchis, L. Floare, D. Utu, D. Jumanca, A. Galuscan	Functional Biomaterials	MDPI	15 (8)	2079-4983	2024	https://www.mdpi.com/2079-4983/15/8/208	5.5	Q1	Engineering Biomaterials
13	Juglans regia as Urban Trees: Genetic Diversity and Walnut Kernel Quality Assessment	A. Constantinescu, D. Lalescu, S. Popescu, I. Sarac, C. Petolescu, D. Camen, A. Horablaga, C. Popescu, M. Herbei, L. Dragomir, G. Popescu, O. Iordanescu, A. Becherescu, E. Onisan	Horticurturae	MDPI	10(10)	2311-7524	2024	https://www.mdpi.com/2311-7524/10/10/1027	3.1	Q1	Horticulture
14	Exploring the Genetic Landscape of Tilia Spp. with Molecular and Statistical Tools	A. Constantinescu, D. Lalescu, S. Popescu, I. Sarac, I. Petrescu, C. Petolescu, D. Camen, A. Horablaga, C. Popescu, C. Berar, E. Onisan	Horticulturae	MDPI	10(6)	2311-7524	2024	https://www.mdpi.com/2311-7524/10/6/596	3.1	Q1	Horticulture
15	Application of the Drosophila melanogaster Research Model to Evaluate the Toxicity Levels between Lead and Copper	I. Sarac, I. Petrescu, E. Onisan, S. Popescu, C. Petolescu, A. Ciulca, D. Camen, A. Constantinescu, D, Lalescu, S. Ciprian, A. Morna, L. Vicas, M. Ganea	Applied Sciences	MDPI	14(10)	2076-3417	2024	https://www.mdpi.com/2076-3417/14/10/4190	2.7	Q1	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied
16	Enhancing Diagnostic Accuracy in Orthodontics: Calibration and Validation of a New Tool for Dental Arch Measurements—Pilot Study	A. Stoican, V. Alexa, D. Jumanca, A. Galuscan, R. Oancea, D. Lalescu, C. Szuhanek	Applied Sciences	MDPI	14(6)	2076-3417	2024	https://www.mdpi.com/2076-3417/14/6/2272	2.7	Q1	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied
17	Improving the Content of Chemical Elements from the Soil of Waste Heaps Influenced by Forest Vegetation—A Case Study of Moldova Nouă Waste Heaps, South-West Romania	Cântar, I.-C.; Alexa, E.; Poșta, D.S.; Crișan, V.E.; Cadar, N.; Berbecea, A.; Rózsa, S.; Gocan, T.-M.; Borsai, O	Applied Sciences	MDPI	14, 5221	2076-3417	2024	https://doi.org/10.3390/app141252221,	2.5	Q1	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied
18	Chemical Characterization and Antioxidant Activity of Apilarnil, Royal Jelly, and Propolis Collected in Banat Region, Romania	Moraru, D.; Alexa, E.; **Cocan, I.;** Obiștioiu, D.; Radulov, I.; Simiz, E.; Berbecea, A.; Grozea, A.; Dragomirescu, M.; Vintilă, T.; S.Patruica	Applied Sciences	MDPI	14, 1242.	2076-3417	2024	https://doi.org/10.3390/app14031242,	2.5	Q1	Chemistry, Multidisciplinary; Engineering, Multidisciplinary; Materials Science, Multidisciplinary; Physics, Applied
19	Synthesis, characterization, and in vitro-in ovo toxicological screening of silibinin fatty acids conjugates as prodrugs with potential biomedical applications	Dehelean C, Alexa E, Marcovici I, Iftode A, Lazar G, Simion A, Chis V, Pirnau A, Cinta Pinzaru S, Boeriu E.,	Biomol Biomed.	National Library of Medicine	24(6):1735-1750	2831-0896	2024	doi: 10.17305/bb.2024.10600.	3.1	Q2	Medicine, research & experimental
20	Geographical Variation in Pasturelands and Their Impact on the Physicochemical Characterization and Fatty Acid Composition of Cheese in Caraș-Severin County, Romania	Ibric, A.-I.; **Cocan, I.;** Alexa, E.; Jianu, C.; Negrea, M.; Dragoescu, A.A.; Jurcuț, R.-C.; Iancu, T.	Sustainability	MDPI	16, 7179	2071-1050	2024	https://doi.org/10.3390/su16167179,	3.3	Q2	Green & Sustainable Science & Technology; Environmental Sciences; Environmental Studies
21	Assessment of the Impact of Population	Cojocariu, L. L., Copăcean, L., Ursu, A.,	Land	MDPI	13(2), 134	2073-445X,	2024	eISSN: 2073-	3.9	Q2	Environmental

	Reduction on Grasslands with a New "Tool": A Case Study on the "Mountainous Banat" Area of Romania	Sărățeanu, V., Popescu, C. A., Horablaga, M. N., Bordean, D-M, Horablaga, A. & Bostan, C.						445X, DOI: 10.3390/land13020134			studies
22	Determination of the nutritional composition of carrot pomace	Antoanela Cozma, Casiana Mihuț, Ariana Velciov, Codruța Chiș, V.D. Mircov, Sofia Popescu, Ersilia Alexa, Maria Rada	Scientific Papers. Series B, Horticulture	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	*Vol. LXVIII, No. 1,431-437*	2286-1580	2024	https://horticulturejournal.usamv.ro/pdf/2024/issue_1/Art53.pdf	0.3	Q4	Plant Sciences
23	The effect of some foliar fertilizers on fruit quality of peach,	Ionuț Dascălu, Olimpia Alina Iordănescu, Isidora Radulov, Adina Berbecea, Ersilia Alexa, Ileana Cocan,	Scientific Papers. Series B, Horticulture	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	*Vol. LXVIII, No. 1,30-36*	2286-1580	2024		0.3	Q4	Plant Sciences
24	The Mineral Composition of Flax, Chia and Hemp Seeds Based on X-Ray Fluorescence Analysis	Simion Alda, Bianca Groza, Daniela Nicoleta Scedei, Liana Maria Alda, **Despina-Maria Bordean**, Laura Rădulescu, Diana Moigrădean, Marcel Danci, Eleonora Nistor, Alina Dobrei	Scientific Papers-Series B-Horticulture,	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	68 (1), 693-698,	2286-1580	2024	https://horticulturejournal.usamv.ro/pdf/2024/issue_1/Art88.pdf	0.3	Q4	Plant Sciences
25	Nettle Plants Fingerprint Based On Xrf Analysis	Tarkanyi, P, Popescu, G.S , Radulescu, L , Alda, LM , Dragomirescu, MC , Alda, S , Baghina, NG , **Bordean, DM**	Scientific Papers-Series B-Horticulture,	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	68 (1), 911-916,	2286-1580	2024	http://horticulturejournal.usamv.ro/pdf/2024/issue_1/Art111.pdf	0.3	Q4	Plant Sciences
26	Nettle bread, a potential functional product,	**Radulescu, L ,** Tarkanyi, P , Velciov, AB , Alda, LM , Alda, S , Bordean, DM ,	Scientific Papers-Series A-Agronomy	Univ Agronomic Sciences & Veterinary Medicine Bucharest - USAMV	67(2), 591-595,	2285-5807	2024	https://agronomyjournal.usamv.ro/pdf/2024/issue_2/Art78.pdf	0.5	Q4	Agronomy
27	State-of-the-art on the Dehydration and Drying of Cucurbita Species	Lucan-(Banciu), C.A.; Cugerean, M.I.; Galan, I.M.; Ciobanu-(Sibu), A.; Pop-(Mateut), A.; Oprinescu, C.I.; Draghici, L.R.; Hadaruga, D.I.; **Hadaruga, N.G**	Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Food Science and Technology	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca	81	2344-5300	2024	https://journals.usamvcluj.ro/index.php/fst/article/view/14982	0.3	Q4	Food Science and Technology
28	Monitoring and Managing Pests in Conventional and Organic Corn through Environmentally Friendly Approaches	A. Costea, D. Lalescu, I. Grozea	Romanian Agricultural Research	USAMVB Bucuresti	41	1222 - 422	2024	https://www.incda-fundulea.ro/rar/rar41fol.html	0.9	Q3	Plant Sciences
29	Evaluation Of Some Nutritional Compounds of Garlic (Allium Sativum L.) Peel Waste	**A. Velciov**, M. Danci, A. Cozma, D. Lalescu, L. Radulescu, S. Popescu, M. Rada	Scientific Papers Series B. Horticulture	USAMV Bucuresti	68 (2)	2286-1580	2024	https://horticulturejournal.usamv.ro/pdf/2024/issue_2/Art79.pdf	0.3	Q4	Plant Sciences
30	Assessment of the physical and socio-economic potential of the grasslands in banat, romania in a holistic approach,	Cojocariu, L , Hoancea, L , Horablaga, NM , Copacean, L , Bordean, DM,	Scientific papers-series management economic engineering in agriculture and rural development	USAMV București	Vol. 24, Issue 2, Page 329-340,	ISSN: 2284-7995, eISSN: 2285-3952	2024	https://managementjournal.usamv.ro/pdf/vol.24_2/Art34.pdf	1	Q3	Agricultural economics & policy
31	Plant milk - alternative for dairy products. rheological characteristics and nutritional composition	**Sofia Popescu**, Ariana Velciov, Florina Radu, Despina Bordean, Antoanela Cozma, Luminița Pîrvulescu, Lia Rotariu, Anișoara Ienciu	Scientific Papers. Series B, Horticulture	USAMV Bucuresti	Vol. LXVIII, No. 1	2285-5653	2024	https://horticulturejournal.usamv.ro/pdf/2024/issue_1/Art104.pdf	0.3	Q4	Plant Sciences
32	Evaluation of microbial and chemical indicators as a measure of the degree of potability of water,	Aurica Breica Borozan, Sorina Popescu, Delia Gabriela Dumbravă, Diana Nicoleta Raba, Mirela Viorica Popa, **Corina Dana Mișcă**, Carmen Daniela Petcu, Despina Maria Bordean, Camelia Moldovan	Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental	USAMV București	Vol. XIII, 2024	Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064	2024	https://landreclamationjournal.usamv.ro/pdf/2024/Art56.pdf	0.3	Q4	Agriculture, multidisciplinary

			Engineering.								
33	Remote assessment of the fraction of absorbed photosynthetically active radiation (fapar) for mountain grasslands	Margareta Magureanu, Loredana Copacean, Despina-Maria Bordean, Luminita Cojocariu,	Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering	USAMV București	Vol. XIII, 2024, page: 823-829,	Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064	2024	https://landreclamationjournal.usamv.ro/pdf/2024/Art100.pdf	0.3	Q4	Agriculture, multidisciplinary
34	Influence of some natural seeds and powders addition on the white bread antioxidant properties and other characteristics	**Delia-Gabriela Dumbrava**, Diana-Nicoleta RABA, Camelia Moldovan, Mirela-Viorica POPA, Corina Dana Misca, Mariana-Atena Poiana, Carmen Daniela Petcu	Scientific Papers. Series D. Animal Science	USAMV București	Vol. LXVII, No. 1	ISSN 2285-5750; ISSN CD-ROM 2285-5769; ISSN Online 2393-2260; ISSN-L 2285-5750	2024	https://www.animalsciencejournal.usamv.ro/pdf/2024/issue_1/Art55.pdf	0.3	Q4	Agronomy
35	Influence of the addition of apiculture products on the characteristics of fortified yoghurt	**Camelia Moldovan** , Mirela-Viorica Popa, Corina Dana Misca, Diana-Nicoleta Raba, Aurica-Breica Borozan, Mariana-Atena Poiana, Carmen Daniela Petcu, Delia-Gabriela Dumbrava	Scientific Papers. Series D. Animal Science	USAMV București	Vol. LXVII, No. 1,	ISSN 2285-5750; ISSN CD-ROM 2285-5769; ISSN Online 2393-2260; ISSN-L 2285-5750	2024	https://animalsciencejournal.usamv.ro/pdf/2024/issue_1/Art63.pdf	0.3	Q4	Agriculture, dairy & animal science
36	Changes in the sensory profile of nitrite-free salami formulated with the addition of fruit powder mixtures	Adriana-Ioana Moraru Manea, Ioana-Alina Pop, Diana Moigradean, Carmen Daniela Petcu, Delia-Gabriela Dumbrava, Viorica-Mirela POPA, Camelia Moldovan , Diana-Nicoleta RABA, **Mariana-Atena Poiana**	Scientific Papers. Series D. Animal Science	USAMV București	Vol. LXVII, No. 1	ISSN 2285-5750; ISSN CD-ROM 2285-5769; ISSN Online 2393-2260; ISSN-L 2285-5750	2024	https://animalsciencejournal.usamv.ro/pdf/2024/issue_1/Art64.pdf	0.3	Q4	Agriculture, dairy & animal science
37	Traditional romanian culinary practices and their historical and cultural significance – a rewiev	Carlo Marius Dragomir, Simona-Maria Ilie, Mariana-Atena Poiana, Corina Dana Misca , Ileana Cocan , Delia-Gabriela Dumbravă , Camelia Moldovan, Viorica-Mirela Popa, Carmen Daniela Petcu, Claudia Roman, Diana-Nicoleta Raba	Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering	USAMV București	Vol. XIII	Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064	2024	https://landreclamationjournal.usamv.ro/pdf/2024/Art107.pdf	0.3	Q4	Agriculture, multidisciplinary
38	Influence of high-power ultrasound treatment on red wine quality parameters	Alina Maier, Vasile Pădureanu, Cristina Canja, Mirabela Ioana Lupu,Geronimo Răducu Brănescu, Cristina Pădureanu, **Mariana-Atena Poiană**	Scientific Papers. Series B, Horticulture.	USAMV București	Vol. LXVIII, No. 1	Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L 2285-5653	2024	https://horticulturejournal.usamv.ro/pdf/2024/issue_1/Art40.pdf	0.3	Q4	Horticulture
39	Effect of High-Power Ultrasound Treatment on Bioactive Compound Content and Chromatic Characteristics of Red Wines	Alina Maier, Vasile Padureanu, Mirabela Lupu, Cristina Canja, Geronimo Raducu Branescu, Cristina Padureanu, **Mariana-Atena Poiana***	Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology	Cluj-Napoca	VOLUME 81 ISSUE 1	2344-5300, 2344-2344	2024	https://journals.usamvcluj.ro/index.php/fst/article/view/14845	0.3	Q4	Food Sciences and Technology

Raport sintetic de cercetare - 2024 (FIA)

Nr.crt	Articole categorie	Nr.total art.	Nr. Art. (autor principal FIA)
		2024	
1	Articole cu factor de impact (Q1)	18	7
2	Articole cu factor de impact (Q2)	3	1
3	Articole cu factor de impact (Q3)	2	-
4	Articole cu factor de impact (Q4)	16	12
TOTAL 1		**39**	**20**

Nr. Crt.	Jurnale	Nr	IF
1	Foods Chemistry	1	5.8
2	Agronomy	1	3.3
3	Plants	2	4.0
4	Antioxidants	1	7.68
5	Applied Sciences-Basel	5	2.7
6	Foods	3	4.7
7	Irish Veterinary Journal	1	2.85
8	Functional Biomaterials	1	5.5
9	Diagnostics	1	3.0
10	Horticulturae	2	3.1
11	Sustainability	1	3.3
12	Land	1	3.9
13	Biomol Biomed.	1	3.1
15	Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Food Science and Technology	2	0.3
16	Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering	3	0.3
17	Scientific Papers. Series D. Animal Science	3	0.3
18	Scientific Papers. Series B, Horticulture	7	0.3
19	Romanian Agricultural Research	1	0.9
20	Scientific Papers-Series A-Agronomy	1	0.5
21	Scientific papers-series management economic engineering in agriculture and rural development	1	1
	Total	**39**	**87.13**

Decan

Prof.dr.ing. Jianu Calin

Prodecan Cercetare, Inovare si Transfer Tehnologic

Prof.dr.ing. Alexa Ersilia