

**Dr.ing.ec. Mirel GLEVITZKY**

<b>NT =</b>	<b>35</b>
NT (min)	25

<b>NP =</b>	<b>25(18)</b>
NP (min)	10(6)

<b>FIC =</b>	<b>68.910</b>
FIC (min)	20

Nr. crt.	Articol publicat in revista cotata ISI (vezi lista de lucrari)	Revista	Autor principal (prim-autor sau autor de corespondenta)	Nr. total autori	Ultimul Factor de impact ISI (la momentul inscrierii la concurs)	Factor de Impact Cumulat (FIC)
1	<b>Glevitzky, M.</b> ; Mucea-Ștef, P.; Glevitzky, I.; Popa, D.M.; Popa, M. Enhancing Process Safety and Manufacturing Performance Through 5M-Based Causal Analysis and Source-Detection Matrices. Eng <b>2026</b> , 7, 258. <a href="https://doi.org/10.3390/eng7060258">https://doi.org/10.3390/eng7060258</a>	Eng	1	5	2.400	2.400
2	<b>Glevitzky, M.</b> ; Rațiu, C.R.; Corcheș, M.-T. Sustainable Food and Feed Flours for Formaldehyde Reduction in Resins and Particleboards. Sustainability <b>2026</b> , 18, 3782. doi: 10.3390/su18083782	Sustainability	1	3	3.300	3.300
3	<b>Glevitzky, M.</b> ; Mucea-Ștef, P.; Corcheș, M.-T.; Sălcudean, M.; Marica, E.; Șerban, S.G.; Popa, M. Integrated Environmental Risk Assessment and Performance Evaluation of Asphalt Plants Incorporating Reclaimed Asphalt Pavement Under the ISO 14001 Framework. Eng <b>2026</b> , 7, 95. doi: 10.3390/eng7020095	Eng	1	7	2.400	2.400
4	<b>Glevitzky, M.</b> ; Dumitreț, G.-A.; Pană, A.-M.; Rusu, G.I.; Corcheș, M.-T.; Vică, M.L. Valorization of Waste Cooking Oils into Antimicrobial Soaps with Honey, Propolis, and Essential Oils. ChemEngineering <b>2026</b> , 10, 31. doi: 10.3390/chemengineering10020031	ChemEngineering	1	6	3.400	3.400
5	<b>Glevitzky, M.</b> ; Corcheș, M.-T.; Șerban, S.G.; Strugariu, M.-L.; Kiss, I.; Vică, M.L. Sustainable Recycling of Used Cooking Oils Through the Production of Biodegradable Antimicrobial Soaps. Appl. Sci. <b>2025</b> , 15, 11472. doi: 10.3390/app152111472	Applied Sciences	1	6	2.500	2.500
6	<b>Glevitzky, M.</b> ; Popa, M.; Mucea-Ștef, P.; Popa, D.M. A Risk Management Approach in Occupational Health and Safety Based on the Integration of a Weighted Composite Score. Safety <b>2025</b> , 11, 103. doi: 10.3390/safety11040103	Safety	1	4	1.700	1.700

7	<b>Glevitzky, M.</b> ; Corcheș, M.T.; Popa, D.M. Assessing Pollution and Diatom-Based Bioindicators in the Arieș River, Romania. <i>Environments</i> <b>2025</b> , 12, 398. doi: 10.3390/environments12110398	Environments	1	3	3.700	3.700
8	<b>Glevitzky, M.</b> ; Corcheș, M.T.; Popa, D.M. Impact of Pollution on Physico-Chemical Parameters and Diatom Communities Diversity in the Main Tributaries of the Arieș River, Romania. <i>Environments</i> <b>2025</b> , 12, 389.	Environments	1	3	3.700	3.700
9	<b>Glevitzky, M.</b> ; Corcheș, M.-T.; Popa, M.; Vică, M.L. Honey as a Bioindicator: Pollution's Effects on Its Quality in Mining vs. Protected Sites. <i>Appl. Sci.</i> <b>2025</b> , 15, 7297. <a href="https://doi.org/10.3390/app15137297">https://doi.org/10.3390/app15137297</a>	Applied Sciences	1	4	2.500	2.500
10	<b>Glevitzky, M.</b> ; Glevitzky, I.; Mucea-Ștef, P.; Popa, M. The "Daily Challenge" Tool: A Practical Approach for Managing Non-Conformities in Industry. <i>Sustainability</i> <b>2025</b> , 17, 5918. <a href="https://doi.org/10.3390/su17135918">https://doi.org/10.3390/su17135918</a>	Sustainability	1	4	3.300	3.300
11	<b>Glevitzky, M.</b> ; Bostan, R; Varvara S; Corcheș, M-T; Dumitrel G-A; Popa, M. Impact of Mining on River Water Quality in Roșia Montană Area, Romania, and the Use of Zeolites for Acid Mine Drainage Remediation, <i>Clean Technol.</i> <b>2025</b> , 7(2), 41. <a href="https://doi.org/10.3390/cleantechnol7020041">https://doi.org/10.3390/cleantechnol7020041</a>	Clean Technologies	1	6	4.700	4.700
12	<b>Glevitzky, M.</b> ; Dumitrel, GA; Rusu, GI; Toneva, D; Vergiev, S; Corches, MT; Pana, AM; Popa, M. Microplastic Pollution on the Beaches of the Black Sea in Romania and Bulgaria. <i>Appl. Sci.</i> <b>2025</b> , 15(9), 4751. <a href="https://doi.org/10.3390/app15094751">https://doi.org/10.3390/app15094751</a>	Applied Sciences	1	8	2.500	2.500
13	<b>Glevitzky, M.</b> ; Corches, MT; Popa, M; Glevitzky, I; Vica, ML. Propolis: Biological Activity and Its Role as a Natural Indicator of Pollution in Mining Areas. <i>Environments</i> <b>2025</b> , 12(4), 105. <a href="https://doi.org/10.3390/environments12040105">https://doi.org/10.3390/environments12040105</a>	Environments	1	5	3.700	3.700
14	<b>Glevitzky, M.</b> ; Bostan, R; Vica, ML; Dumitrel, GA; Corches, MT; Popa, M; Glevitzky, I; Matei, HV. Environmental Contamination and Mining Impact: Physico-Chemical and Biological Characterization of Propolis as an Indicator of Pollution in the Roșia Montană Area, Romania. <i>Plants</i> <b>2025</b> , 14(6), 866. <a href="https://doi.org/10.3390/plants14060866">https://doi.org/10.3390/plants14060866</a>	Plants	1	8	4.100	4.100
15	<b>Glevitzky, M.</b> ; Glevitzky, I; Mucea-Ștef, P; Popa, M; Dumitrel, GA; Vica, ML. Integrated Risk Framework (IRF)-Interconnection of the Ishikawa Diagram with the Enhanced HACCP System in Risk Assessment for the Sustainable Food Industry. <i>Sustainability</i> <b>2025</b> , 17(2), 536. <a href="https://doi.org/10.3390/su17020536">https://doi.org/10.3390/su17020536</a>	Sustainability	1	7	3.300	3.300

16	Heghedus-Mîndru, G; <b>Glevitzky, M</b> ; Heghedus-Mîndru, RC; Dumitreț, GA; Popa, M; Glevitzky, I; Obistioiu, D; Cocan, I; Vica, ML. Inhibitory Effects and Composition Analysis of Romanian Propolis: Applications in Organic and Sustainable Agriculture. <i>Plants</i> <b>2024</b> , 13(23), 3355; <a href="https://doi.org/10.3390/plants13233355">https://doi.org/10.3390/plants13233355</a>	Plants	1	9	4.100	4.100
17	Vica, ML; <b>Glevitzky, M</b> ; Dumitreț, GA; Popa, M; Glevitzky, I; Teodoru, CA. Antimicrobial Activity of Honey and Propolis from Alba County, Romania. <i>Antibiotics</i> <b>2024</b> , 13(10), 952. <a href="https://doi.org/10.3390/antibiotics13100952">https://doi.org/10.3390/antibiotics13100952</a>	Antibiotics	1	6	4.600	4.600
18	Bostan, R; <b>Glevitzky, M*</b> ; Varvara, S; Dumitreț, GA; Rusu, GI; Popa, M; Glevitzky, I; Vica, ML. Utilization of Natural Adsorbents in the Purification of Used Sunflower and Palm Cooking Oils. <i>Appl. Sci.</i> <b>2024</b> , 14(11), 4417. <a href="https://doi.org/10.3390/app14114417">https://doi.org/10.3390/app14114417</a>	Applied Sciences	1	8	2.500	2.500
19	Popa, M; <b>Glevitzky, M</b> ; Dumitreț, GA; Popa, DV; Vîrsta, A. The Qualitative Characterization of Polyfloral Honey and the Influence of Thermal Processing on Hydroxymethylfurfural Content. <i>Sci. Pap.-Ser. A-Agron.</i> <b>2024</b> , 67(2), 585-590. <a href="https://agronomyjournal.usamv.ro/pdf/2024/issue_2/Art77.pdf">https://agronomyjournal.usamv.ro/pdf/2024/issue_2/Art77.pdf</a>	Scientific Papers-Series A-Agronomy	1	5	0.600	0.600
20	Heghedus-Mîndru, RC; <b>Glevitzky, M</b> ; Heghedus-Mîndru, G; Dumitreț, GA; Popa, M; Popa, DM; Radulov, I; Vica, ML. Applications of Romanian Propolis in Phyto-Inhibitory Activity and Antimicrobial Protection: A Comparative Study. <i>Antibiotics</i> <b>2023</b> , 12(12), 1682; <a href="https://doi.org/10.3390/antibiotics12121682">https://doi.org/10.3390/antibiotics12121682</a>	Antibiotics	1	8	4.600	4.600
21	Vica, ML; <b>Glevitzky, M</b> ; Heghedus-Mîndru, RC; Dumitreț, GA; Heghedus-Mîndru, G; Popa, M; Faur, DM; Balici, S; Teodoru, CA. Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania. <i>Antibiotics</i> <b>2023</b> , 12(6), 1015; <a href="https://doi.org/10.3390/antibiotics12061015">https://doi.org/10.3390/antibiotics12061015</a>	Antibiotics	0	9	4.600	0.511
22	Popa, M; <b>Glevitzky, M</b> ; Dumitreț, GA; Popa, D; Vîrsta, A. Improving the System of Logistics Management and Signaling, Identification, Classification of Noncompliance in the Water Bottling Industry. <i>Sci. Papers, Ser. E, Land Reclam. Earth Obs. Surv. Environ. Eng.</i> <b>2023</b> , 12, 251-257. <a href="https://landreclamationjournal.usamv.ro/pdf/2023/Art32.pdf">https://landreclamationjournal.usamv.ro/pdf/2023/Art32.pdf</a>	Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering	1	5	0.600	0.600
23	Vica, ML; <b>Glevitzky, M</b> ; Dumitreț, GA; Bostan, R; Matei, HV; Kartalska, Y; Popa, M. Qualitative Characterization and Antifungal Activity of Romanian Honey and Propolis. <i>Antibiotics</i> <b>2022</b> , 11(11), 1552; <a href="https://doi.org/10.3390/antibiotics11111552">https://doi.org/10.3390/antibiotics11111552</a>	Antibiotics	0	7	4.600	0.657

24	Popa, M; Glevitzky, I; Dumitrel, GA; Popa, D; Virsta, A; <b>Glevitzky, M.</b> Qualitative Analysis and Statistical Models Between Spring Water Quality Indicators in Alba County, Romania. Sci. Papers, Ser. E, Land Reclam. Earth Obs. Surv. Environ. Eng. <b>2022</b> , 11, 358-366. <a href="https://landreclamationjournal.usamv.ro/pdf/2022/Art44.pdf">https://landreclamationjournal.usamv.ro/pdf/2022/Art44.pdf</a>	Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering	1	6	0.600	0.600
25	Vica, ML; Glevitzky, I; <b>Glevitzky, M;</b> Siserman, CV; Matei, HV; Teodoru, CA. Antibacterial Activity of Propolis Extracts from the Central Region of Romania against <i>Neisseria gonorrhoeae</i> . Antibiotics <b>2021</b> , 10(6), 689; <a href="https://doi.org/10.3390/antibiotics10060689">https://doi.org/10.3390/antibiotics10060689</a>	Antibiotics	0	6	4.600	0.767
26	Vica, ML; <b>Glevitzky, M;</b> Tit, DM; Behl, T; Heghedus-Mîndru, RC; Zaha, DC; Ursu, F; Popa, M; Glevitzky, I; Bungau, S. The antimicrobial activity of honey and propolis extracts from the central region of Romania. Food Bioscience, <b>2021</b> , 41, 101014. <a href="https://doi.org/10.1016/j.fbio.2021.101014">https://doi.org/10.1016/j.fbio.2021.101014</a>	Food Bioscience	0	10	5.900	0.590
27	Popa, M; Glevitzky, I; Popa, D; <b>Glevitzky, M.</b> Water Quality Assessments Through the Application of Cause and Effect Diagrams in Conjunction with HACCP and Risk Assessment for Roua Apusenilor Spring Water Bottling Process. Sci. Papers, Ser. E, Land Reclam. Earth Obs. Surv. Environ. Eng. <b>2021</b> , 10, 158-165. <a href="https://landreclamationjournal.usamv.ro/pdf/2021/Art24.pdf">https://landreclamationjournal.usamv.ro/pdf/2021/Art24.pdf</a>	Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering	0	4	0.600	0.150
28	Popa, M; Glevitzky, I; <b>Glevitzky, M;</b> Popa, D; Todoran, A. Statistical Analysis Used in Evaluation of Water Quality from Wells in Alba County, Romania. Sci. Papers, Ser. E, Land Reclam. Earth Obs. Surv. Environ. Eng. <b>2020</b> , 9, 147-153. <a href="https://www.landreclamationjournal.usamv.ro/pdf/2020/Art22.pdf">https://www.landreclamationjournal.usamv.ro/pdf/2020/Art22.pdf</a>	Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering	1	5	0.600	0.600
29	Popa, M; Glevitzky, I; Dumitrel, GA; <b>Glevitzky, M;</b> Popa, D. Impact of Environmental Factors on the Quality of Spring Water from Abrud-Campeni Area, Alba County, Romania. Agrolife Scientific Journal <b>2019</b> , 8(1), 220-226. <a href="https://agrolifejournal.usamv.ro/index.php/agrolife/article/view/439/435">https://agrolifejournal.usamv.ro/index.php/agrolife/article/view/439/435</a>	Agrolife Scientific Journal	1	5	0.900	0.900
30	Popa, M; Glevitzky, I; Dumitrel, GA; <b>Glevitzky, M;</b> Popa, D. Study On Peroxide Values for Different Oils and Factors Affecting the Quality of Sunflower Oil. Sci. Papers, Ser. E, Land Reclam. Earth Obs. Surv. Environ. Eng. <b>2017</b> , 6, 137-140. <a href="https://landreclamationjournal.usamv.ro/pdf/2017/Art24.pdf">https://landreclamationjournal.usamv.ro/pdf/2017/Art24.pdf</a>	Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering	1	5	0.600	0.600

31	Junie, LM; Vica, ML; <b>Glevitzky, M</b> ; Matei, HV. Physico-Chemical Characterisation and Antibacterial Activity of Different Types of Honey Tested on Strains Isolated from Hospitalised Patients. Journal of Apicultural Science, 60(1), 2016. 5-18. <a href="https://doi.org/10.1515/jas-2016-0013">https://doi.org/10.1515/jas-2016-0013</a> .	Journal of Apicultural Science	0	4	0.800	0.200
32	Vica, ML; <b>Glevitzky, M</b> ; Dumitrel, GA; Junie, LM; Popa, M. Antibacterial activity of different natural honeys from Transylvania, Romania. J. Environ. Sci. Health - B Pestic. Food Contam. Agric. Wastes. 2014, 49(3), 176-181. <a href="http://dx.doi.org/10.1080/03601234.2014.858008">http://dx.doi.org/10.1080/03601234.2014.858008</a> .	Journal of Environmental Science and Health Part B-Pesticides Food Contaminants And Agricultural Wastes	0	5	1.800	0.360
33	Cara, MC; Dumitrel, GA; <b>Glevitzky, M</b> ; Mischie, C; Silaghi-Perju, D. Thermal Degradation of Streptomycin Residues in Honey During Storage. Food Technol. Biotechnol. 2013, 51 (3) 429-433. <a href="https://hrcak.srce.hr/file/160838">https://hrcak.srce.hr/file/160838</a> .	Food Technology and Biotechnology	0	5	2.500	0.500
34	Cara, MC; Dumitrel, GA; <b>Glevitzky, M</b> ; Perju, D. Stability of tetracycline residues in honey. J. Serb. Chem. Soc. 2012, 77(7) 879-886. <a href="https://doi.org/10.2298/JSC111002214C">https://doi.org/10.2298/JSC111002214C</a> .	Journal of the Serbian Chemical Society	0	4	0.700	0.175
35	<b>Glevitzky, M</b> ; Perju, D; Dumitrel, GA; Popa, M; Vica, ML. Water Activity - Indicator of Food Safety And the Factors that Influence the Biochemical Stability of Soft Drinks. Studia UBB Chemia. 2009, 54(1), 181-188.	Studia Universitatis Babes-Bolyai Chemia	1	5	0.500	0.500
			<b>TOTAL "NP":</b>		<b>TOTAL "NT":</b>	<b>TOTAL "FIC":</b>
			<b>25</b>		<b>35</b>	<b>68.910</b>
			"NP" min:		"NT" min:	"FIC" min:
			10 (6)		25	20

Avizat,  
 IOSUD UPT-Rector,  
 Conf.Dr.ing. Florin DRĂGAN

Avizat,  
 Director Scoală Doctorală,  
 Prof.dr.ing. Dorin LELEA

Candidat,  
 Dr.ing.ec. Mirel GLEVITZKY