

Year 2022

ISI Indexed Papers

Nr. crt.	Title	Journal	Authors	Factor of impact
1.	Application of (Bio-)Chemical Engineering Concepts and Rules in Bioinformatics. Review of a CCM-Based Modular and Hybrid Kinetic Model Used to Simulate and Optimize a Bioreactor with Genetically Modified Cells	Current Trends in Biomedical Engineering & Biosciences 2022; 20(3):556039. DOI:10.19080/CTBEB.2022.20.556039	Gheorghe Maria, Maria Cristina, Laura Renea	1,126
2.	A Multi-Objective Optimization of the Bi-Enzymatic Batch Reactor Used for Mannitol Production	UPB Scientific Bulletin, Series B: Chemistry and Materials Science, Vol. 84, Iss. 1, 31-44, 2022	Laura Renea, Gheorghe Maria, Luminita Gijiu, Cristina Maria	0,47
3.	Multiobjective Optimization of a Fed-Batch Bi enzymatic Reactor for Mannitol Production	Dynamics 2022, 2, 270-294. https://doi.org/10.3390/dynamics2030014	Gheorghe Maria, Laura Renea, Maria Cristina	0
4.	CO ₂ efflux measurements on aquatic and terrestrial ecosystems in the context of climate change	International Journal of Conservation Science, Volume 13, Issue 1, 2022, pp. 705-716	G. Deak, N. Enache, L. Laslo, A. Rotaru, M. Matei, M. Boboc, C. Silaghi, S. Calin, A. Keresztesi, F. Kilar	
5.	Identification of Sturgeon Behavior in Different Hydromorphodynamic Conditions Resulting from the Implementation of Hydrotechnical Arrangements	International Journal of Conservation Science, Volume 13, Issue 1, 2022, pp. 743-750	E. Holban, G. Deak, R. Matache, T. Dănalache, M. Matei, M. Boboc, M. Raischi, I. Gheorghe, A. Keresztesi, F. Kilar	
6.	Development of a Methodology for Monitoring Sars-Cov-2 RNA in Wastewater	International Journal of Conservation Science, Volume 13, Issue 1, 2022, pp. 973-980	G. Deák, M. Matei, M. Boboc, E. Holban, R. Prangate, R. Airini	
7.	Mathematical Modeling of Body Mass for Specimens of Huso Huso Specimens Tagged and Monitored in the Lower Danube	International Journal of Conservation Science, Volume 13, Issue 1, 2022, pp. 1037-1042	M. Boboc, G. Deák, M. Matei, E. Holban, R. Prangate	

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8.	Modeling of Particulate Matter (PM10) during High Particulate Event (Hpe) in Klang Valley, Malaysia	International Journal of Conservation Science, Volume 13, Issue 1, 2022, pp. 1062-1078	N.A.M. Ridzuan, N.M. Noor, N.A.A.A. Rahim, I.A.M. Jafri, A.Z.U. Saufie, M.R.R.M.A. Zainol, M.A. Kamaruddin, G. Deák	
9.	Pilot Validation System of Breeding Habitats of Sturgeon Species	International Journal of Conservation Science, Volume 13, Issue 1, 2022, pp. 1079-1084	E. Holban, G. Deák, R. Matache, T. Danalache, M. Boboc, M. Raischi, R. Prangate	
10.	Assessment of Persistence of Gunshot Residues Produced by Firearms from Criminal Cases in the Republic of Kosovo	Appl. Sci. 2022, 12(20), 10477; https://doi.org/10.3390/ap122010477	Milazim Tahirukaj, Andriana Surleva, Petrica Vizureanu, Blerim Olluri and Andrei Victor Sandu	
11.	Expansion of the Invasive Plant Species Reynoutria japonicaHoutt in the Upper Bistrit, a Mountain River Basin with aCalculus on the Productive Potential of a Mountain Meadow	Sustainability 2022, 14, 5737. https://doi.org/10.3390/su14095737 https://www.mdpi.com/journal/sustainability	Bogdan-Mihai Negrea, Valeriu Stoilov-Linu, Cristian-Emilian Pop, György Deák , Nicolae Crăciun and Marius Mirodon Făgăras	3,251
12.	Bringing Life Back into Former Mining Sites: A Mini-Review on Soil Remediation Using Organic Amendments	Sustainability 2022, 14, 12469. https://doi.org/10.3390/su141912469 https://www.mdpi.com/journal/sustainability	Bogdan Andrei Miu, Cristian-Emilian Pop, Nicolai Crăciun and György Deák	3,251

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BDI Indexed Papers

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1.	Carbon Dioxide Sampling and Analysis Technologies for Aquatic and Terrestrial Ecosystems	ECS Transactions, Volume 107, Number 1	Gy. Deák, A. Rotaru, N. Enache, L. Laslo, M. Matei, M. Boboc, N. Bara