



ROMÂNIA  
MINISTERUL EDUCAȚIEI ȘI CERCETĂRII  
UNIVERSITATEA „VASILE ALECSANDRI”  
DIN BACĂU

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## **ANEXA NR. 18 - COMISIA INGINERIA MEDIULUI**

### **STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE DEZVOLTARE**

**Lector univ. dr. ing. ec. MIRILĂ DIANA-CARMEN**

## FIȘĂ DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NAȚIONALE PENTRU ATESTATUL DE ABILITARE

<b>Standarde minimale necesare și obligatorii</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
Număr total de articole în reviste ISI (NT)	$NT \geq 25$	33
Număr total de articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență) (NP)	$NP \geq 10$	23
	$NP \text{ (cu } FI > 1) \geq 6$	21
Număr lucrări în reviste cu $FI > 1$ , NP (cu $FI > 1$ )		
Factorul de impact cumulat, FIC (articole în reviste cotate ISI+brevete)	$FIC \geq 20$	66.73
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 100$	125

## NUMĂR TOTAL ARTICOLE ISI (NT)

Nr.	ARTICOL	FI (la momentul depunerii dosarului)
1.	<p><b>Mirilă Diana-Carmen</b>, Pîrvan Mădălina-Ştefania, Platon Nicoleta, Gorgescu Ana-Maria, Zichil Valentin, Nistor Ileana Denisa, Total mineralization of Malachite Green dye by advanced oxidation processes, ACTA CHEMICA IASI, 26_2, 2018, pp. 263-280,  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000456208800008">https://www.webofscience.com/wos/woscc/full-record/WOS:000456208800008</a>.</p>	0,3
2.	<p><b>Mirilă Diana-Carmen</b>, Pîrvan Mădălina Ştefania, Roşu Ana Maria, Zichil Valentin, Nistor Ileana Denisa, Activated adsorption on clay of micropollutants from paper printing industry, Scientific Study &amp; Research, Chemistry &amp; Chemical Engineering, Biotechnology, Food Industry 2018, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000431353000007">https://www.webofscience.com/wos/woscc/full-record/WOS:000431353000007</a>.</p>	0,7
3.	<p>Boudissa Farida, <b>Mirilă Diana-Carmen</b>, Aruş Vasilica Alisa, Terkmani T. Semaan S. Proulx M., Nistor Ileana-Denisa, Roy Rene, Azzouz Abdelkrim, Acid-treated clay catalysts for organic dye ozonation- thorough mineralization through optimum catalyst basicity and hydrophilic character, Journal of hazardous materials 2019, 364, 356-366, Elsevier, Februarie 2019,  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000452926500040">https://www.webofscience.com/wos/woscc/full-record/WOS:000452926500040</a>.</p>	11,3
4.	<p><b>Mirilă Diana-Carmen</b>, Boudissa Farida, Beltrao-Nunes Ana-Paola, Platon Nicoleta, Didi Mohamed-Amine, Nistor Ileana-Denisa, Roy Rene, Azzouz Abdelkrim; Organic Dye Ozonation Catalyzed by Chemically Modified Montmorillonite K10– Role of Surface Basicity and Hydrophilic Character; Ozone: Science &amp; Engineering; Volumul 42; ISSN: 0191-9512 (Print) 1547-6545 (Online) 2020;  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000516739200001">https://www.webofscience.com/wos/woscc/full-record/WOS:000516739200001</a>.</p>	1,4
5.	<p><b>Mirilă Diana-Carmen</b>, Raducanu Dumitra, Georgescu Ana Maria, Roşu Ana Maria, Ciubotariu Vlas Andrei, Zichil Valentin, Nistor Ileana Denisa, Silver Nanoparticles Incorporated on Natural Clay as an Inhibitor against the New ISO SS Bacteria Isolated from Sewage Sludge, Involved in Malachite Green Dye Oxidation, Molecules, 2022, 27(18), 5791. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000858816700001">https://www.webofscience.com/wos/woscc/full-record/WOS:000858816700001</a>.</p>	4,6

6.	Hortolomeu Andreea, <b>Mirilă Diana-Carmen</b> , Georgescu Ana-Maria, Roșu Ana-Maria, Scutaru Yuri, Nedeff Florin-Marian, Sturza Rodica, Nistor Ileana Denisa, <i>Retention of Phthalates in Wine Using Nanomaterials as Chemically Modified Clays with H2O, H3O, H4O Boltron Dendrimers</i> , Nanomaterials (Basel), 2023,13(16):2301, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001056728300001">https://www.webofscience.com/wos/woscc/full-record/WOS:001056728300001</a> .	4,3
7.	Muntianu, Gabriela, Nistor, Ileana-Denisa, <b>Mirila, Diana-Carmen</b> ; Georgescu, Ana-Maria; Arus, Vasilica-Alisa; Platon, Nicoleta; Jinescu, Cosmin, Electromagnetic field application in fluidization of metallic particles, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 25, Issue 4, Page 439-454, 2024, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001381255700009">https://www.webofscience.com/wos/woscc/full-record/WOS:001381255700009</a> .	0,7
8.	Hortolomeu Andreea, <b>Mirilă Diana-Carmen</b> , Roșu Ana-Maria, Nedeff Florin-Marian, Scutaru Yuri, Ureche Dorel, Sturza Rodica, Finaru Adriana-Luminița, Nistor Ileana Denisa, <i>Chemically modified clay adsorbents used in the retention of protein and polyphenolic compounds from Sauvignon Blanc white wine</i> , Nanomaterials, (Basel) 2024;14(7):588, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001200958100001">https://www.webofscience.com/wos/woscc/full-record/WOS:001200958100001</a> .	4,3
9.	Bogdan, P.-L.; Nedeff, V.; Panainte-Lehadus, M.; Barsan, N.; Nedeff, F.M.; Mirila, D.-C. HYDROCHEMICAL ANALYSIS OF A SHALLOW ALLUVIAL AQUIFER BETWEEN THE SIRET AND MOLDOVA RIVERS. Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry 2025, 26, 495-507. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001665371400004">https://www.webofscience.com/wos/woscc/full-record/WOS:001665371400004</a> .	0,7
10.	Muntianu, Gabriela; Nistor, Ileana-Denisa; Georgescu, Ana-Maria; Rosu, Ana-Maria; <b>Mirila, Diana-Carmen</b> ; Mares, Alina Monica; Jinescu, Cosmin Valeriu, Dynamic study behavior of the fluidized binary mixture bed with bentonite particles, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 26, Issue 1, Page 47-65, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001504837400005">https://www.webofscience.com/wos/woscc/full-record/WOS:001504837400005</a> .	0,7
11.	Oana Irimia; Claudia Tomozei; Mirela Panainte-Lehadus; Dana Chitimus; Florin Nedeff; Narcis Barsan; Emilian Mosnegutu; <b>Diana Mirila*</b> , Understanding Primary School Students' Knowledge and Attitudes Towards Water Management: Insights from Environmental Education, Journal Societies, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001475663200001">https://www.webofscience.com/wos/woscc/full-record/WOS:001475663200001</a> .	1,6
12.	Constantin Plăcintă; Valentin Nedeff; Mirela Panainte-Lehadus; Elena Puiu Costescu; Tudor-Cristian Petrescu; Sergiu Stanciu; Maricel Agop; <b>Diana-Carmen Mirilă</b> ; Florin Nedeff, Order–Disorder-Type Transitions Through a Multifractal Procedure in Cu-Zn-Al Alloys -Experimental and Theoretical Design, Journal Entropy, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001515369700001">https://www.webofscience.com/wos/woscc/full-record/WOS:001515369700001</a> .	2

13.	Vlad Ghizdovat; <b>Diana Carmen Mirila</b> ; Florin Nedeff; Dragos Ioan Rusu; Oana Rusu; Maricel Agop; Decebal Vasincu, Synchronizations in Complex Systems Dynamics Through a Multifractal Procedure, Journal Entropy, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001515413900001">https://www.webofscience.com/wos/woscc/full-record/WOS:001515413900001</a> .	2
14.	Emilian Mosnegutu; Narcis Barsan; Dana Chitimus; Vlad Ciubotariu; Luminita Bibire; <b>Diana Mirilă*</b> ; Marcin Jasiński; Nicoleta Sporea; Ivona Camelia Petre, Kinematic Analysis of the Jaw Crusher Drive Mechanism: A Different Mathematical Approach, Journal Processes, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001553411800001">https://www.webofscience.com/wos/woscc/full-record/WOS:001553411800001</a> .	2,8
15.	Ionut-Alexandru Chelaru; Roxana Strungaru-Jijie; Mircea Nicoara; <b>Diana Mirila</b> ; Alin Ciobica; Dorel Ureche, Single and Combined Effects of Meropenem, Valproic Acid, and Ketoprofen on Adult Zebrafish Behavior, Oxidative Stress, and Acetylcholinesterase Activity, Journal Pharmaceuticals 2025, <a href="https://doi.org/10.3390/ph18081096">https://doi.org/10.3390/ph18081096</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001557546000001">https://www.webofscience.com/wos/woscc/full-record/WOS:001557546000001</a> .	4,8
16.	Grzegorz Przydatek; Józef Ciula; Narcis Barsan; <b>Diana Mirila*</b> ; Emilian Mosnegutu, Groundwater Quality Analysis: Assessing the Impact of a Closed Landfill - A Case Study on Physico-Chemical and Microplastic Contaminants, Journal Applied Sciences, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001549074400001">https://www.webofscience.com/wos/woscc/full-record/WOS:001549074400001</a> .	2,5
17.	Emilian Mosnegutu; Claudia Tomozei; Oana Irimia; Vlad Andrei Ciubotariu; <b>Diana Mirila*</b> ; Mirela Panainte-Lehadus; Marcin Jasiński; Nicoleta Sporea; Ivona Camelia Petre, The Influence of the Geometric Configuration of the Drive System on the Motion Dynamics of Jaw Crushers, Processes (ISSN 2227-9717), 2025, <a href="https://doi.org/10.3390/pr13082498">https://doi.org/10.3390/pr13082498</a> .	2,8
18.	Environmental Monitoring and Quality Dynamics of Wheat During One Year of Natural Storage Diana Petronela Poetelea, Emilian Mosnegutu, Claudia Tomozei, Florin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, <b>Diana Mirila*</b> and Grzegorz Przydatek, Processes (ISSN 2227-9717), 2025, <a href="https://doi.org/10.3390/pr13082549">https://doi.org/10.3390/pr13082549</a> .	2,8
19.	Doroftei Raluca Florenta, <b>Mirila Diana*</b> , Silion Mihaela, Ionita Daniela, Rosu Ana-Maria, Munteanu Corneliu, Istrate Bogdan, Muntianu Gabriela, Georgescu Ana-Maria, Nistor Ileana-Denisa, Clays as Dual-Function Materials for TNT Adsorption and Catalytic Degradation: An Experimental Approach, Journal Materials, <i>Materials</i> <b>2025</b> , <i>18</i> (16), 3824; <a href="https://doi.org/10.3390/ma18163824">https://doi.org/10.3390/ma18163824</a> .	3,2
20.	Emilian Mosnegutu, Claudia Tomozei, Florin Nedeff, Dana Chitimus, Diana Mirila* , Iwona Wiewiórska , Marcin Jasinski <sup>3</sup> and Nicoleta Sporea, Towards Efficient Waste Handling: Structural Group Reduction in Lifting Mechanism Design, Processes <b>2025</b> , <i>13</i> (9), 2744; <a href="https://doi.org/10.3390/pr13092744">https://doi.org/10.3390/pr13092744</a> .	2,8
21.	Ștefan Lucian Burlea, Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă*</b> , Valentin Nedeff, Maricel Agop, Dragoș Ioan Rusu and Laura Elisabeta Checheriță , Modular Deep-Learning Pipelines for Dental Caries Data Streams: A Twin-Cohort Proof-of-Concept, <i>Dent. J.</i> <b>2025</b> , <i>13</i> (9), 402; <a href="https://doi.org/10.3390/dj13090402">https://doi.org/10.3390/dj13090402</a> .	3,1
22.	Raluca Florenta Doroftei; Mihaela Silion; Daniela Ioniță; Andrei Dascalu; Florin Nedeff; Ana-Maria Georgescu; Ana-Maria Rosu; <b>Diana Mirila*</b> ; Ileana-Denisa Nistor From Nature to Remediation: Biomaterials for Malachite Green Retention and Degradation, Materials 2025, Volume 18, Issue 18, 4374, <a href="https://doi.org/10.3390/ma18184374">https://doi.org/10.3390/ma18184374</a> .	3,2
23.	Vlad Ghizdovat; Monica Molcalut; Florin Nedeff; Valentin Nedeff; <b>Diana Carmen Mirila</b> ; Mirela Panainte-Lehaduș; Dragos-Ioan Rusu; Maricel Agop; Decebal Vasincu, Dynamics of Complex Systems and their Associated Attractors in a Multifractal	3,3

	Paradigm of Motion, Fractal Fract. 2025, 9(10), 623; <a href="https://doi.org/10.3390/fractalfract9100623">https://doi.org/10.3390/fractalfract9100623</a>	
24.	Ștefan Lucian Burlea, Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă</b> , Valentin Nedeff, Maricel Agop, Lăcrămioara Ochiuz Adina Oana Armencia, Deep Learning Analysis of CBCT Images for Periodontal Disease: Phenotype-Level Concordance with Independent Transcriptomic and Microbiome Datasets, Dent. J. 2025, 13(12), 578; <a href="https://doi.org/10.3390/dj13120578">https://doi.org/10.3390/dj13120578</a> .	3,1
25.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă</b> , Maricel Agop, Decebal Vasincu, Deep Learning Fractal Superconductivity: A Comparative Study of Physics-Informed and Graph Neural Networks Applied to the Fractal TDGL Equation, Fractal Fract. 2025, 9(12), 810; <a href="https://doi.org/10.3390/fractalfract9120810">https://doi.org/10.3390/fractalfract9120810</a> .	3,3
26.	Monica Molcăluț, Călin Gheorghe Buzea, <b>Diana Mirilă</b> , Florin Nedeff, Valentin Nedeff, Lăcrămioara Ochiuz, Maricel Agop, Dragoș Teodor Iancu, Morphodynamic Modeling of Glioblastoma Using 3D Autoencoders and Neural Ordinary Differential Equations: Identification of Morphological Attractors and Dynamic Phase Maps, Fractal Fract. 2026, 10(1), 8; <a href="https://doi.org/10.3390/fractalfract10010008">https://doi.org/10.3390/fractalfract10010008</a> .	3,3
27.	Junior Maimou Nganko, Narcis Barsan, Paul Magloire Ekoun Koffi, Andrei Zaharia, Kouassi Esaie Kouadio Appiah, Echua Elisabeth Jasmine Bilé, Emilian Mosnegutu, Valex Nzouengo Djeukui, Florin-Marian Nedeff, Prosper Gbaha, <b>Diana Mirila</b> , Kouassi Benjamin Yao, Claudia Tomozei, Valentin Nedeff, Sustainable Valorization of Framiré Sawdust: Extraction of Secondary Metabolites and Conversion of Residues into Fuel Briquettes, Appl. Sci. 2026, 16(2), 716; <a href="https://doi.org/10.3390/app16020716">https://doi.org/10.3390/app16020716</a> .	2,5
28.	Călin Gheorghe Buzea, <b>Diana Carmen Mirila</b> , Florin Nedeff, Valentin Nedeff, Mirela Panainte-Lehăduș, Oana Rusu, Lucian Dobreci, Maricel Agop, Irena-Cristina Grierosu, Vlad Ghizdovat, A Discrete Heuristic Model of Vacuum Memory with Fractal-like Structure: Entropy, Fourier Signatures, Bohmian Guidance and Decoherence in a Two-Slit Interferometer, Fractal Fract. 2026, 10(2), 117; <a href="https://doi.org/10.3390/fractalfract10020117">https://doi.org/10.3390/fractalfract10020117</a> .	3,3
29.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă</b> , Valentin Nedeff, Oana Rusu, Maricel Agop, Decebal Vasincu, An Axiomatic Relational–Informational Framework for Emergent Geometry and Effective Spacetime, Axioms 2026, 15(2), 154; <a href="https://doi.org/10.3390/axioms15020154">https://doi.org/10.3390/axioms15020154</a> .	1,6
30.	Ștefan Lucian Burlea, Călin Gheorghe Buzea, Irina Nica, Florin Nedeff, <b>Diana Mirila</b> , Valentin Nedeff, Lăcrămioara Ochiuz, Lucian Dobreci, Maricel Agop, Ioana Rudnic, Evaluating the Managerial Feasibility of an AI-Based Tooth-Percussion Signal Screening Concept for Dental Caries: An In Silico Study, Diagnostics 2026, 16(4), 638; <a href="https://doi.org/10.3390/diagnostics16040638">https://doi.org/10.3390/diagnostics16040638</a> .	3,3
31.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirila</b> , Valentin Nedeff, Oana Rusu, Lucian Dobreci, Maricel Agop, Decebal Vasincu, Emergent Complexity over Symbolic Simplicity: Inductive Bias and Structural Failure in GANs, Fractal Fract. 2026, 10(2), 133; <a href="https://doi.org/10.3390/fractalfract10020133">https://doi.org/10.3390/fractalfract10020133</a> .	3,3
32.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă</b> , Valentin Nedeff, Maricel Agop, Lăcrămioara Ochiuz, Lucian Dobreci, Decebal Vasincu, Life as Counterfactual Geometry: An Adversarial Theory of Biological Function, Entropy 2026, 28(3), 255; <a href="https://doi.org/10.3390/e28030255">https://doi.org/10.3390/e28030255</a> .	2
33.	Buga Razvan, Buzea Calin Gheorghe, Nedeff Valentin, Nedeff Florin, <b>Mirila Diana</b> , Agop Maricel, Duceac Letitia Doina, Eva Lucian, From LQ to AI-BED-Fx: A Unified Multi-Fraction Radiobiological and Machine-Learning Framework for Gamma Knife Radiosurgery Across Intracranial Pathologies, Cancers 2026, 18(6), 985; <a href="https://doi.org/10.3390/cancers18060985">https://doi.org/10.3390/cancers18060985</a>	4,4

**NT=33 (din care 28 publicate după obținerea titlului de doctor)**

## NUMĂR ARTICOLE ÎN REVISTE ISI CA AUTOR PRINCIPAL (PRIM AUTOR SAU AUTOR DE CORESPONDENȚĂ) (NP)

Nr.	Număr total de articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență) (NP)	FI (la momentul depunerii dosarului)	FI>1	Prim autor (autor corespondent)
1.	<b>Mirilă Diana-Carmen</b> , Pîrvan Mădălina-Ștefania, Platon Nicoleta, Gorgescu Ana-Maria, Zichil Valentin, Nistor Ileana Denisa, Total mineralization of Malachite Green dye by advanced oxidation processes, ACTA CHEMICA IASI, 26_2, 2018, pp. 263-280, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000456208800008">https://www.webofscience.com/wos/woscc/full-record/WOS:000456208800008</a> .	0,3	NU	Prim autor
2.	<b>Mirilă Diana-Carmen</b> , Pîrvan Mădălina Ștefania, Roșu Ana Maria, Zichil Valentin, Nistor Ileana Denisa, Activated adsorption on clay of micropollutants from paper printing industry, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry 2018, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000431353000007">https://www.webofscience.com/wos/woscc/full-record/WOS:000431353000007</a> .	0,7	NU	Prim autor
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4.	<b>Mirilă Diana-Carmen</b> , Raducanu Dumitra, Georgescu Ana Maria, Roșu Ana Maria, Ciubotariu Vlas Andrei, Zichil Valentin, Nistor Ileana Denisa, Silver Nanoparticles Incorporated on Natural Clay as an Inhibitor against the New ISO SS Bacteria Isolated from Sewage Sludge, Involved in Malachite Green Dye Oxidation, Molecules, 2022, 27(18), 5791. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000858816700001">https://www.webofscience.com/wos/woscc/full-record/WOS:000858816700001</a> .	4,6	DA	Prim autor
5.	Oana Irimia; Claudia Tomozei; Mirela Panainte-Lehadus; Dana Chitimus; Florin Nedeff; Narcis Barsan; Emilian Mosnegutu; <b>Diana Mirila</b> , Understanding Primary School Students' Knowledge and Attitudes Towards Water Management: Insights from Environmental Education, Journal Societies, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001475663200001">https://www.webofscience.com/wos/woscc/full-record/WOS:001475663200001</a>	1,6	DA	Autor corespondent
6.	Emilian Mosnegutu; Narcis Barsan; Dana Chitimus; Vlad Ciubotariu; Luminita Bibire; <b>Diana Mirilă</b> ; Marcin Jasiński; Nicoleta Sporea; Ivona Camelia Petre, Kinematic Analysis of the Jaw Crusher Drive Mechanism: A Different	2,8	DA	Autor corespondent

	Mathematical Approach, Journal Processes, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:00155341180001">https://www.webofscience.com/wos/woscc/full-record/WOS:00155341180001</a>			
7.	Grzegorz Przydatek; Józef Ciula; Narcis Barsan; <b>Diana Mirila</b> ; Emilian Mosnegutu, Groundwater Quality Analysis: Assessing the Impact of a Closed Landfill - A Case Study on Physico-Chemical and Microplastic Contaminants, Journal Applied Sciences, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001549074400001">https://www.webofscience.com/wos/woscc/full-record/WOS:001549074400001</a> .	2,5	DA	Autor corespondent
8.	Emilian Mosnegutu; Claudia Tomozei; Oana Irimia; Vlad Andrei Ciubotariu; <b>Diana Mirila</b> ; Mirela Panainte-Lehadus; Marcin Jasiński; Nicoleta Sporea; Ivona Camelia Petre, The Influence of the Geometric Configuration of the Drive System on the Motion Dynamics of Jaw Crushers, Processes (ISSN 2227-9717), 2025, <a href="https://doi.org/10.3390/pr13082498">https://doi.org/10.3390/pr13082498</a> .	2,8	DA	Autor corespondent
9.	Environmental Monitoring and Quality Dynamics of Wheat During One Year of Natural Storage Diana Petronela Poetelea, Emilian Mosnegutu, Claudia Tomozei, Florin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, <b>Diana Mirila*</b> and Grzegorz Przydatek, Processes (ISSN 2227-9717), 2025, <a href="https://doi.org/10.3390/pr13082549">https://doi.org/10.3390/pr13082549</a> .	2,8	DA	Autor corespondent
10.	Doroftei Raluca Florenta, <b>Mirila Diana*</b> , Silion Mihaela, Ionita Daniela, Rosu Ana-Maria, Munteanu Corneliu, Istrate Bogdan, Muntianu Gabriela, Georgescu Ana-Maria, Nistor Ileana-Denisa, Clays as Dual-Function Materials for TNT Adsorption and Catalytic Degradation: An Experimental Approach, Journal Materials, <i>Materials</i> <b>2025</b> , <i>18</i> (16), 3824; <a href="https://doi.org/10.3390/ma18163824">https://doi.org/10.3390/ma18163824</a> .	3,2	DA	Autor corespondent
11.	Emilian Mosnegutu, Claudia Tomozei, Florin Nedeff, Dana Chitimus, Diana Mirila* , Iwona Wiewiórska , Marcin Jasinski <sup>3</sup> and Nicoleta Sporea, Towards Efficient Waste Handling: Structural Group Reduction in Lifting Mechanism Design, Processes <b>2025</b> , <i>13</i> (9), 2744; <a href="https://doi.org/10.3390/pr13092744">https://doi.org/10.3390/pr13092744</a> .	2,8	DA	Autor corespondent
12.	Ștefan Lucian Burlea, Călin Gheorghe Buzea, Florin Nedeff , <b>Diana Mirilă*</b> , Valentin Nedeff, Maricel Agop, Dragoș Ioan Rusu and Laura Elisabeta Checheriță , Modular Deep-Learning Pipelines for Dental Caries Data Streams: A Twin-Cohort Proof-of-Concept, <i>Dent. J.</i> <b>2025</b> , <i>13</i> (9), 402; <a href="https://doi.org/10.3390/dj13090402">https://doi.org/10.3390/dj13090402</a> .	3,1	DA	Autor corespondent
13.	Raluca Florenta Doroftei; Mihaela Silion; Daniela Ioniță; Andrei Dascalu; Florin Nedeff; Ana-Maria Georgescu; Ana-Maria Rosu; <b>Diana Mirila*</b> ; Ileana-Denisa Nistor From Nature to Remediation: Biomaterials for Malachite Green Retention and	3,2	DA	Autor corespondent

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14.	Vlad Ghizdovat; Monica Molcalut; Florin Nedeff; Valentin Nedeff; <b>Diana Carmen Mirila</b> ; Mirela Panainte-Lehăduș;Dragos-Ioan Rusu; Maricel Agop; Decebal Vasincu, Dynamics of Complex Systems and their Associated Attractors in a Multifractal Paradigm of Motion, Fractal Fract. 2025, 9(10), 623; <a href="https://doi.org/10.3390/fractalfract9100623">https://doi.org/10.3390/fractalfract9100623</a> .	3,3	DA	Autor corespondent
15.	Ștefan Lucian Burlea, Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă</b> , Valentin Nedeff, Maricel Agop, Lăcrămioara Ochiuz Adina Oana Armencia, Deep Learning Analysis of CBCT Images for Periodontal Disease: Phenotype-Level Concordance with Independent Transcriptomic and Microbiome Datasets, Dent. J. 2025, 13(12), 578; <a href="https://doi.org/10.3390/dj13120578">https://doi.org/10.3390/dj13120578</a> .	3,1	DA	Autor corespondent
16.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă</b> , Maricel Agop, Decebal Vasincu, Deep Learning Fractal Superconductivity: A Comparative Study of Physics-Informed and Graph Neural Networks Applied to the Fractal TDGL Equation, Fractal Fract. 2025, 9(12), 810; <a href="https://doi.org/10.3390/fractalfract9120810">https://doi.org/10.3390/fractalfract9120810</a> .	3,3	DA	Autor corespondent
17.	Monica Molcăluț, Călin Gheorghe Buzea, <b>Diana Mirilă</b> , Florin Nedeff, Valentin Nedeff, Lăcrămioara Ochiuz, Maricel Agop, Dragoș Teodor Iancu, Morphodynamic Modeling of Glioblastoma Using 3D Autoencoders and Neural Ordinary Differential Equations: Identification of Morphological Attractors and Dynamic Phase Maps, Fractal Fract. 2026, 10(1), 8; <a href="https://doi.org/10.3390/fractalfract10010008">https://doi.org/10.3390/fractalfract10010008</a> .	3,3	DA	Autor corespondent
18.	Călin Gheorghe Buzea, <b>Diana Carmen Mirila</b> , Florin Nedeff, Valentin Nedeff, Mirela Panainte-Lehăduș, Oana Rusu, Lucian Dobreci, Maricel Agop, Irena-Cristina Grierosu, Vlad Ghizdovat, A Discrete Heuristic Model of Vacuum Memory with Fractal-like Structure: Entropy, Fourier Signatures, Bohmian Guidance and Decoherence in a Two-Slit Interferometer, Fractal Fract. 2026, 10(2), 117; <a href="https://doi.org/10.3390/fractalfract10020117">https://doi.org/10.3390/fractalfract10020117</a> .	3,3	DA	Autor corespondent
19.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă</b> , Valentin Nedeff, Oana Rusu, Maricel Agop, Decebal Vasincu, An Axiomatic Relational–Informational Framework for Emergent Geometry and Effective Spacetime, Axioms 2026, 15(2), 154; <a href="https://doi.org/10.3390/axioms15020154">https://doi.org/10.3390/axioms15020154</a> .	1,6	DA	Autor corespondent
20.	Stefan Lucian Burlea, Călin Gheorghe Buzea, Irina Nica, Florin Nedeff, <b>Diana Mirila</b> , Valentin Nedeff, Lăcrămioara Ochiuz, Lucian Dobreci, Maricel Agop, Ioana Rudnic, Evaluating the Managerial Feasibility of an AI-Based Tooth-Percussion Signal Screening Concept for Dental Caries: An In Silico Study, Diagnostics 2026, 16(4), 638; <a href="https://doi.org/10.3390/diagnostics16040638">https://doi.org/10.3390/diagnostics16040638</a> .	3,3	DA	Autor corespondent

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22.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă</b> , Valentin Nedeff, Maricel Agop, Lăcrămioara Ochiuz, Lucian Dobreci, Decebal Vasincu, Life as Counterfactual Geometry: An Adversarial Theory of Biological Function, Entropy 2026, 28(3), 255; <a href="https://doi.org/10.3390/e28030255">https://doi.org/10.3390/e28030255</a> .	2	DA	Autor corespondent
23.	Buga Razvan, Buzea Calin Gheorghe, Nedeff Valentin, Nedeff Florin, <b>Mirila Diana</b> , Agop Maricel, Duceac Letitia Doina, Eva Lucian, From LQ to AI-BED-Fx: A Unified Multi-Fraction Radiobiological and Machine-Learning Framework for Gamma Knife Radiosurgery Across Intracranial Pathologies, Cancers 2026, 18(6), 985; <a href="https://doi.org/10.3390/cancers18060985">https://doi.org/10.3390/cancers18060985</a>	4,4	DA	Autor corespondent

**NP =23 (DIN CARE 21 CU FI> 1)**

## FIȘĂ DE CALCUL A FACTORULUI DE IMPACT (FIC)

NR. CRT.	ARTICOL	FI (valabil la momentul depunerii dosarului)	AUTOR PRINCIPAL (prim autor sau autor de corespondență)	NR. AUTORI	FI/NR. AUTORI
1.	<b>Mirilă Diana-Carmen</b> , Pîrvan Mădălina-Ștefania, Platon Nicoleta, Gorgescu Ana-Maria, Zichil Valentin, Nistor Ileana Denisa, Total mineralization of Malachite Green dye by advanced oxidation processes, ACTA CHEMICA IASI, 26_2, 2018, pp. 263-280, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000456208800008">https://www.webofscience.com/wos/woscc/full-record/WOS:000456208800008</a> .	0,3	Prim autor	6	0,3
2.	<b>Mirilă Diana-Carmen</b> , Pîrvan Mădălina Ștefania, Roșu Ana Maria, Zichil Valentin, Nistor Ileana Denisa, Activated adsorption on clay of micropollutants from paper printing industry, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry 2018, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000431353000007">https://www.webofscience.com/wos/woscc/full-record/WOS:000431353000007</a> .	0,7	Prim autor	5	0,7
3.	Boudissa Farida, <b>Mirilă Diana-Carmen</b> , Aruș Vasilica Alisa, Terkmani T. Semaan S. Proulx M., Nistor Ileana-Denisa, Roy Rene, Azzouz Abdelkrim, Acid-treated clay catalysts for organic dye ozonation- thorough mineralization through optimum catalyst basicity and hydrophilic character, Journal of hazardous materials 2019, 364, 356-366, Elsevier, Februarie 2019, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000452926500040">https://www.webofscience.com/wos/woscc/full-record/WOS:000452926500040</a> .	11,3	NU	9	1,25
4.	<b>Mirilă Diana-Carmen</b> , Boudissa Farida, Beltrao-Nunes Ana-Paola, Platon Nicoleta, Didi Mohamed-Amine, Nistor Ileana-Denisa, Roy Rene, Azzouz Abdelkrim; 2020; Organic Dye Ozonation Catalyzed by Chemically Modified Montmorillonite K10– Role of Surface Basicity and Hydrophilic Character; Ozone: Science & Engineering; Volumul 42; ISSN: 0191-9512 (Print) 1547-6545 (Online) <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000516739200001">https://www.webofscience.com/wos/woscc/full-record/WOS:000516739200001</a> .	1,4	Prim autor	8	1,4
5.	<b>Mirilă Diana-Carmen</b> , Raducanu Dumitra, Georgescu Ana Maria, Roșu Ana Maria, Ciubotariu Vlas Andrei, Zichil Valentin, Nistor Ileana Denisa, Silver Nanoparticles Incorporated on Natural Clay as an Inhibitor against the New ISO SS Bacteria Isolated from Sewage Sludge, Involved in Malachite Green Dye Oxidation, Molecules 2022, 27(18), 5791.	4,6	Prim autor	7	4,6

	<a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000858816700001">https://www.webofscience.com/wos/woscc/full-record/WOS:000858816700001</a> .				
6.	Hortolomeu Andreea, <b>Mirilă Diana-Carmen</b> , Georgescu Ana-Maria, Roșu Ana-Maria, Scutaru Yuri, Nedeff Florin-Marian, Sturza Rodica, Nistor Ileana Denisa, Retention of <i>Phthalates in Wine Using Nanomaterials as Chemically Modified Clays with H20, H30, H40 Boltron Dendrimers</i> , Nanomaterials (Basel), <b>2023</b> ,13(16):2301, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001056728300001">https://www.webofscience.com/wos/woscc/full-record/WOS:001056728300001</a> .	4,3	NU	8	0,53
7.	Muntianu, Gabriela, Nistor, Ileana-Denisa, <b>Mirila, Diana-Carmen</b> ; Georgescu, Ana-Maria; Arus, Vasilica-Alisa; Platon, Nicoleta; Jinescu, Cosmin, Electromagnetic field application in fluidization of metallic particles, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 25, Issue 4, Page 439-454, 2024, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001381255700009">https://www.webofscience.com/wos/woscc/full-record/WOS:001381255700009</a> .	0,7	NU	7	0,1
8.	Hortolomeu Andreea, <b>Mirilă Diana-Carmen</b> , Roșu Ana-Maria, Nedeff Florin-Marian, Scutaru Yuri, Ureche Dorel, Sturza Rodica, Finaru Adriana-Luminița, Nistor Ileana Denisa, Chemically modified clay adsorbents used in the retention of protein and polyphenolic compounds from Sauvignon Blanc white wine, Nanomaterials, (Basel) <b>2024</b> ;14(7):588, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001200958100001">https://www.webofscience.com/wos/woscc/full-record/WOS:001200958100001</a> .	4,3	NU	9	0,47
9.	Bogdan, P.-L.; Nedeff, V.; Panainte-Lehadus, M.; Barsan, N.; Nedeff, F.M.; <b>Mirila, D.-C.</b> HYDROCHEMICAL ANALYSIS OF A SHALLOW ALLUVIAL AQUIFER BETWEEN THE SIRET AND MOLDOVA RIVERS. Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry 2025, 26, 495-507. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001665371400004">https://www.webofscience.com/wos/woscc/full-record/WOS:001665371400004</a> .	0,7	NU	6	0,11
10.	Muntianu, Gabriela; Nistor, Ileana-Denisa; Georgescu, Ana-Maria; Rosu, Ana-Maria; <b>Mirila, Diana-Carmen</b> ; Mares, Alina Monica; Jinescu, Cosmin Valeriu, Dynamic study behavior of the fluidized binary mixture bed with bentonite particles, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 26, Issue 1, Page 47-65, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001504837400005">https://www.webofscience.com/wos/woscc/full-record/WOS:001504837400005</a> .	0,7	NU	7	0,1

11.	Oana Irimia; Claudia Tomozei; Mirela Panainte-Lehadus; Dana Chitimus; Florin Nedeff; Narcis Barsan; Emilian Mosnegutu; <b>Diana Mirila*</b> , Understanding Primary School Students' Knowledge and Attitudes Towards Water Management: Insights from Environmental Education, Journal Societies, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001475663200001">https://www.webofscience.com/wos/woscc/full-record/WOS:001475663200001</a> .	1,6	Autor corespondent	8	1,6
12.	Constantin Plăcintă; Valentin Nedeff; Mirela Panainte-Lehadus; Elena Puiu Costescu; Tudor-Cristian Petrescu; Sergiu Stanciu; Maricel Agop; <b>Diana-Carmen Mirilă</b> ; Florin Nedeff, Order-Disorder-Type Transitions Through a Multifractal Procedure in Cu-Zn-Al Alloys -Experimental and Theoretical Design, Journal Entropy, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001515369700001">https://www.webofscience.com/wos/woscc/full-record/WOS:001515369700001</a> .	2	NU	9	0,22
13.	Vlad Ghizdovat; <b>Diana Carmen Mirila</b> ; Florin Nedeff; Dragos Ioan Rusu; Oana Rusu; Maricel Agop; Decebal Vasincu, Synchronizations in Complex Systems Dynamics Through a Multifractal Procedure, Journal Entropy, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001515413900001">https://www.webofscience.com/wos/woscc/full-record/WOS:001515413900001</a> .	2	NU	7	0,28
14.	Emilian Mosnegutu; Narcis Barsan; Dana Chitimus; Vlad Ciubotariu; Luminita Bibire; <b>Diana Mirilă*</b> ; Marcin Jasiński; Nicoleta Sporea; Ivona Camelia Petre, Kinematic Analysis of the Jaw Crusher Drive Mechanism: A Different Mathematical Approach, Journal Processes, 2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001553411800001">https://www.webofscience.com/wos/woscc/full-record/WOS:001553411800001</a> .	2,8	Autor corespondent	9	2,8
15.	Ionut-Alexandru Chelaru; Roxana Strungaru-Jijie; Mircea Nicoara; <b>Diana Mirila</b> ; Alin Ciobica; Dorel Ureche, Single and Combined Effects of Meropenem, Valproic Acid, and Ketoprofen on Adult Zebrafish Behavior, Oxidative Stress, and Acetylcholinesterase Activity, Journal Pharmaceuticals 2025, <a href="https://doi.org/10.3390/ph18081096">https://doi.org/10.3390/ph18081096</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001557546000001">https://www.webofscience.com/wos/woscc/full-record/WOS:001557546000001</a> .	4,8	NU	6	0,8
16.	Grzegorz Przydatek; Józef Ciula; Narcis Barsan; <b>Diana Mirila*</b> ; Emilian Mosnegutu, Groundwater Quality Analysis: Assessing the Impact of a Closed Landfill - A Case Study on Physico-Chemical and Microplastic Contaminants, Journal Applied Sciences,	2,5	Autor corespondent	5	2,5

	2025, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001549074400001">https://www.webofscience.com/wos/woscc/full-record/WOS:001549074400001</a> .				
17.	Emilian Mosnegutu; Claudia Tomozei; Oana Irimia; Vlad Andrei Ciubotariu; <b>Diana Mirila*</b> ; Mirela Panainte-Lehadus; Marcin Jasiński; Nicoleta Sporea; Ivona Camelia Petre, The Influence of the Geometric Configuration of the Drive System on the Motion Dynamics of Jaw Crushers, Processes (ISSN 2227-9717), 2025, <a href="https://doi.org/10.3390/pr13082498">https://doi.org/10.3390/pr13082498</a> .	2,8	Autor corespondent	9	2,8
18.	Environmental Monitoring and Quality Dynamics of Wheat During One Year of Natural Storage Diana Petronela Poetelea, Emilian Mosneguțu, Claudia Tomozei, Florin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, <b>Diana Mirila*</b> and Grzegorz Przydatek, Processes (ISSN 2227-9717), 2025, <a href="https://doi.org/10.3390/pr13082549">https://doi.org/10.3390/pr13082549</a> .	2,8	Autor corespondent	8	2,8
19.	Doroftel Raluca Florenta, <b>Mirila Diana*</b> , Silion Mihaela, Ionita Daniela, Rosu Ana-Maria, Munteanu Corneliu, Istrate Bogdan, Muntianu Gabriela, Georgescu Ana-Maria, Nistor Ileana-Denisa, Clays as Dual-Function Materials for TNT Adsorption and Catalytic Degradation: An Experimental Approach, Journal Materials, <i>Materials</i> <b>2025</b> , 18(16), 3824; <a href="https://doi.org/10.3390/ma18163824">https://doi.org/10.3390/ma18163824</a> .	3,2	Autor corespondent	10	3,2
20.	Emilian Mosneguțu, Claudia Tomozei, Florin Nedeff, Dana Chitimus, <b>Diana Mirila*</b> , Iwona Wiewiórska, Marcin Jasinski and Nicoleta Sporea, Towards Efficient Waste Handling: Structural Group Reduction in Lifting Mechanism Design, Processes <b>2025</b> , 13(9), 2744; <a href="https://doi.org/10.3390/pr13092744">https://doi.org/10.3390/pr13092744</a> .	2,8	Autor corespondent	8	2,8
21.	Ștefan Lucian Burlea, Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă*</b> , Valentin Nedeff, Maricel Agop, Dragoș Ioan Rusu and Laura Elisabeta Checheriță, Modular Deep-Learning Pipelines for Dental Caries Data Streams: A Twin-Cohort Proof-of-Concept, Dent. J. <b>2025</b> , 13(9), 402, <a href="https://doi.org/10.3390/dj13090402">https://doi.org/10.3390/dj13090402</a> .	3,1	Autor corespondent	8	3,1
22.	Raluca Florenta Doroftel; Mihaela Silion; Daniela Ioniță; Andrei Dascalu; Florin Nedeff; Ana-Maria Georgescu; Ana-Maria Rosu; <b>Diana Mirila*</b> ; Ileana-Denisa Nistor From Nature to Remediation: Biomaterials for Malachite Green Retention and Degradation, Materials <b>2025</b> , Volume 18, Issue 18, 4374, <a href="https://doi.org/10.3390/ma18184374">https://doi.org/10.3390/ma18184374</a> .	3,2	Autor corespondent	9	3,2
23.	Vlad Ghizdovat; Monica Molcalut; Florin Nedeff; Valentin Nedeff; <b>Diana Carmen Mirila*</b> ; Mirela Panainte-Lehadus; Dragoș-Ioan Rusu; Maricel Agop; Decebal Vasincu, Dynamics of Complex Systems and their Associated Attractors in a Multifractal Paradigm of	3,3	Autor corespondent	9	3,3

	Motion, Fractal Fract. 2025, 9(10), 623; <a href="https://doi.org/10.3390/fractalfract9100623">https://doi.org/10.3390/fractalfract9100623</a> .				
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25.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă*</b> , Maricel Agop, Decebal Vasincu, Deep Learning Fractal Superconductivity: A Comparative Study of Physics-Informed and Graph Neural Networks Applied to the Fractal TDGL Equation, Fractal Fract. 2025, 9(12), 810; <a href="https://doi.org/10.3390/fractalfract9120810">https://doi.org/10.3390/fractalfract9120810</a> .	3,3	Autor corespondent	5	3,3
26.	Monica Molcăluț, Călin Gheorghe Buzea, <b>Diana Mirilă*</b> , Florin Nedeff, Valentin Nedeff, Lăcrămioara Ochiuz, Maricel Agop, Dragoș Teodor Iancu, Morphodynamic Modeling of Glioblastoma Using 3D Autoencoders and Neural Ordinary Differential Equations: Identification of Morphological Attractors and Dynamic Phase Maps, Fractal Fract. 2026, 10(1), 8; <a href="https://doi.org/10.3390/fractalfract10010008">https://doi.org/10.3390/fractalfract10010008</a> .	3,3	Autor corespondent	8	3,3
27.	Junior Maimou Nganko, Narcis Barsan, Paul Magloire Ekoun Koffi, Andrei Zaharia, Kouassi Esaie Kouadio Appiah, Echua Elisabeth Jasmine Bilé, Emilian Mosnegutu, Valex Nzouengo Djeukui, Florin-Marian Nedeff, Prosper Gbaha, <b>Diana Mirila</b> , Kouassi Benjamin Yao, Claudia Tomozei, Valentin Nedeff, Sustainable Valorization of Framiré Sawdust: Extraction of Secondary Metabolites and Conversion of Residues into Fuel Briquettes, Appl. Sci. 2026, 16(2), 716; <a href="https://doi.org/10.3390/app16020716">https://doi.org/10.3390/app16020716</a> .	2,5	NU	14	0,17
28.	Călin Gheorghe Buzea, <b>Diana Carmen Mirila*</b> , Florin Nedeff, Valentin Nedeff, Mirela Panainte-Lehăduș, Oana Rusu, Lucian Dobreci, Maricel Agop, Irena-Cristina Grierosu, Vlad Ghizdovat, A Discrete Heuristic Model of Vacuum Memory with Fractal-like Structure: Entropy, Fourier Signatures, Bohmian Guidance and Decoherence in a Two-Slit Interferometer, Fractal Fract. 2026, 10(2), 117; <a href="https://doi.org/10.3390/fractalfract10020117">https://doi.org/10.3390/fractalfract10020117</a> .	3,3	Autor corespondent	10	3,3
29.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă*</b> , Valentin Nedeff, Oana Rusu, Maricel Agop, Decebal Vasincu, An Axiomatic Relational–Informational Framework for Emergent Geometry and Effective	1,6	Autor corespondent	7	1,6

	Spacetime, Axioms 2026, 15(2), 154; <a href="https://doi.org/10.3390/axioms15020154">https://doi.org/10.3390/axioms15020154</a> .				
30.	Stefan Lucian Burlea, Călin Gheorghe Buzea, Irina Nica, Florin Nedeff, <b>Diana Mirila*</b> , Valentin Nedeff, Lacramioara Ochiuz, Lucian Dobreci, Maricel Agop, Ioana Rudnic, Evaluating the Managerial Feasibility of an AI-Based Tooth-Percussion Signal Screening Concept for Dental Caries: An In Silico Study, Diagnostics 2026, 16(4), 638; <a href="https://doi.org/10.3390/diagnostics16040638">https://doi.org/10.3390/diagnostics16040638</a> .	3,3	Autor corespondent	10	3,3
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32.	Călin Gheorghe Buzea, Florin Nedeff, <b>Diana Mirilă*</b> , Valentin Nedeff, Maricel Agop, Lăcrămioara Ochiuz, Lucian Dobreci, Decebal Vasincu, Life as Counterfactual Geometry: An Adversarial Theory of Biological Function, Entropy 2026, 28(3), 255; <a href="https://doi.org/10.3390/e28030255">https://doi.org/10.3390/e28030255</a> .	2	Autor corespondent	8	2
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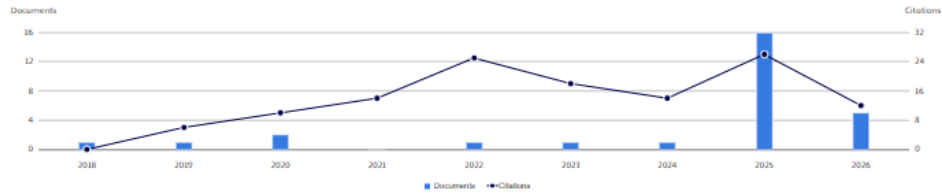
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