

## Publicate in reviste cotate ISI ANEXA 7. Articole stiintifice publicate in reviste stiintifice cotate /indexate ISI

Nr crt	TITLUL	REVISTA	AUTORII	FI
<b>Publicate in reviste cotate ISI</b>				
1.	Documenting Romania's Wooden Churches: Integrating Modern Digital Platforms with Vernacular Conservation	Heritage, nr. 3, pp. 103, <a href="https://doi.org/10.3390/heritage8030103">https://doi.org/10.3390/heritage8030103</a> , 2025	Laurențiu Marian Angheluță, Amalia Ignuța Acimov, Celina Gora, Ana Irina Chiricuță, Alexandru Ioan Popovici, Vladimir Obradovici	1.9
2.	Influence of in-situ hydrogenation on photoelectrical properties of amorphous and nanocrystalline GeSn deposited by magnetron sputtering	Journal of Alloys and Compounds, doi: 10.1016/j.jallcom.2024.177065, 2025	I. Dascalescu, C. Palade, G.A. Lungu, A.M. Lepadatu, V.S. Teodorescu, M. Braic, M.L. Ciurea, T. Stoica, A. Slav	6.3
3.	A Preliminary Stability Assessment of Three State-of-the-Art CAD/CAM Materials Under Human Gingival Cell Culture	POLYMERS, nr. 2, pp. 221, 10.3390/polym17020221, 2025	Eduard Gatin, Stefan Iordache, Ana Maria Iordache, Alexandra Totan (Ripsvki), Antoniu Moldovan, Catalin Luculescu	4.9
4.	A. V. CHIROȘCA, G. CHIROȘCA, S. G. MUȘAT in Benchmarking flow for testing sentiment coherence for information transfer models assessment	Journal of Optoelectronics and Advanced Materials, nr. 11-12, pp. 604-612, 1454 - 4164, 2025	A. V. Chiroasca, Gianina Chiroasca, Silviu-George Musat	0.5
5.	High-resolution air quality maps for Bucharest using a mixed-effects modeling framework	Atmospheric Chemistry and Physics, nr. 9, pp. 4639-4654, 10.5194/acp-25-4639-2025, 2025	Camelia Talianu, Jeni Georgeta Vasilescu, Doina Nicoleta Nicolae, Alexandru Marian Ilie, Andrei Valentin Dandocsi, Anca Viorica Nemuc, Livio Belegante	5.1
6.	A European aerosol phenomenology – 9: Light absorption properties of carbonaceous aerosol particles across surface Europe	Environment International, nr. 2025, <a href="https://doi.org/10.1016/j.envint.2024.109185">https://doi.org/10.1016/j.envint.2024.109185</a> , 2025	Jordi Rovira, Marjan Savadkoohi, Gang I. Chen, Griša Močnik, Wenche Aas, Lucas Alados-Arboledas, Begoña Artiñano, Minna Aurela, John Backman, Sujai Banerji, David	9.7

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			Beddows, Benjamin Brem, Benjamin Chazeau, Martine Collaud Coen, Cristina Colombi, Sebastien Conil, Francesca Costabile, Esther Coz, Joel F. de Brito, Kostas Eleftheriadis, Olivier Favez, Harald Flentje, Evelyn Freney, Asta Gregorič, Martin Gysel- Beer, Roy Harrison, Christoph Hueglin, Antti Hyvärinen, Matic Ivančič, Athina-Cerise Kalogridis, Hannes Keernik, Granakis Konstantinos, Paolo Laj, Eleni Liakakou, Chunshui Lin, Stefano Listrani, Krista Luoma, Marek Maasikmets, Hanna E. Manninen, Nicolas Marchand, Sebastiao Martins dos Santos, Saliou Mbengue, Nikos Mihalopoulos, Doina Nicolae, Jarkko V. Niemi, Michael Norman, Jurgita Ovadnevaite, Jean-Eudes Petit, Stephen Platt, André S.H. Prévôt, Manuel Pujadas, Jean-Philippe Putaud, Véronique Riffault, Martin Rigler, Matteo Rinaldi, Jaroslav Schwarz, Sanna Silvergren, Erik Teinmaa, Kimmo Teinilä, Hilka Timonen, Gloria Titos, Anna Tobler, Jeni Vasilescu, Stergios Vratolis, Karl Espen Yttri, Eduardo Yubero, Naděžda Zíková, Andrés Alastuey, Tuukka Petäjä, Xavier Querol, Jesús Yus-Díez, Marco Pandolfi,	
7.	Raman Spectroscopy of Graphene/CNT Layers Deposited on Interdigit Sensors for Application in	C - Journal of Carbon Research , nr. 1, 10.3390/c11010009,	Stefan-Marian Iordache, Ana-Maria Iordache, Ana-Maria Florea (Raduta), Stefan Caramizoiu, Catalin	2.9

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	Gas Detection	2025	Parvulescu, Flaviu Baiasu, Irina Negut, Bogdan Bită	
8.	Unraveling the Plastic Pollution in the Aquatic Environment of the Croatian Krk Island	Water, nr. 6, pp. 1-16, <a href="https://doi.org/10.3390/w17060785">https://doi.org/10.3390/w17060785</a> , 2025	Maria Răpă, Ecaterina Matej, Elfrida Mihaela Cârstea , Cristina Liana Popa, Marta Matić, Dejan Kosić	3
9.	Enhancing orthopaedic implant efficacy: the development of cerium-doped bioactive glass and polyvinylpyrrolidone composite coatings via MAPLE technique	BIOMEDICAL MATERIALS, nr. 1, pp. 1-13, 10.1088/1748-605X/ad98d5, 2025	G. Gradisteanu-Pircalabioru, I. Negut, M. Dinu, A.C. Parau, B. Bită, L. Duta, C. Ristoscu, B. Sava	3.7
10.	Zn-doped CaP coating equips Ti implants with corrosion resistance, biomineralization, antibacterial and immunotolerant activities	Journal of Advanced Research, 10.1016/j.jare.2025.01.045, 2025	A.C. Parau, S. Buyuksungur, G. Li, Q. Liu, E. Badillo, L. Blum, J. Schmidt, I. Pana, C. Vitelaru, I.M. Marinescu, M. Dinu, M. Smuglov, C. Schmuttermaier, T.E. Tanir, H. Kluter, N. Hasirci, J. Kzhyshkowska, A. Vladescu Dragomir	13
11.	Development of TiNbCN coatings via cathodic arc evaporation for industrial use	Materials Today Communications, pp. 111872, 10.1016/j.mtcomm.2025.111872, 2025	Matlab Mirzayev , Gunel Imanova , Sakin Jabarov , Kanan Hasanov , Afsun Abiyev, Mihaela Dinu , Evgeni Popov , Samir Samadov , Zhanibek Kurmanaliyev , Alina Vladescu (Dragomir)	4.5
12.	Preparation, Characterization and Evaluation of the Antibacterial Activity of Ag Nanoparticles Embedded in Transparent Oxide Matrices	Applied Sciences, nr. 5, pp. 2599, <a href="https://doi.org/10.3390/app15052599">doi.org/10.3390/app15052599</a> , 2025	C.S. Galbau, M. Idomir, C. Vitelaru, A.E. Kiss, A.C. Parau, L.R. Constantin, M. Dinu, I. Pana, A. Vladescu (Dragomir), E.L. Gaman, M.A. Moga, C. Misarca, M. Varcui, C.A. Irimie, M. Badea	2.5
13.	Envisioning enhanced composite structures using graphene coated fibre optical sensor	Optoelectronics and Advanced Materials- Rapid Communications, nr. 3, pp. 147-153, 1842-6573, 2025	D. Savastru, I. S. Dontu, V. Savu, D. Tenciu, A. Stanciu	0.4
14.	Changes in Fluorescence	Materials, nr. 1602, pp.	Cristina L. Popa, Simona I.	3.2

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	of Aquatic Dissolved Organic Matter Induced by Plastic Debris	1-12, <a href="https://doi.org/10.3390/ma18071602">https://doi.org/10.3390/ma18071602</a> , 2025	Dontu, Dan Savastru, Elfrida M. Carstea	
15.	Addressing the advantages and limitations of using Aethalometer data to determine the optimal absorption Ångström exponents (AAEs) values for eBC source apportionment	ATMOSPHERIC ENVIRONMENT, ISSN 1352-2310, 2025	Marjan Savadkoohi, Mohamed Gherras, Olivier Favez, Jean-Eudes Petit, Jordi Rovira, Gang I. Chen, Marta Via, Stephen Platt, Minna Aurela, Benjamin Chazeau, Joel F. de Brito, Véronique Riffault, Kostas Eleftheriadis, Harald Flentje, Martin Gysel-Beer, Christoph Hueglin, Martin Rigler, Asta Gregorič, Matic Ivančič, Hannes Keernik, Marek Maasikmets, Eleni Liakakou, Iasonas Stavroulas, Krista Luoma, Nicolas Marchand, Nikos Mihalopoulos, Tuukka Petäjä, Andre S.H. Prevot, Kaspar R. Daellenbach, Petr Vodička, Hilka Timonen, Anna Tobler, Jeni Vasilescu, Andrei Dandocsi, Saliou Mbengue, Stergios Vratolis, Olga Zografou, Aurélien Chauvigné, Philip K. Hopke, Xavier Querol, Andrés Alastuey, Marco Pandolfi	3.7
16.	Comparison of the Thermal Behavior and Chemical Composition of Milk Powders of Animal and Plant Origin	Foods, nr. 389, <a href="https://doi.org/10.3390/foods14030389">https://doi.org/10.3390/foods14030389</a> , 2025	T. Dippong, L.E. Muresan, L. Senila	5.1
17.	Essential and Nonessential Elements, Lipids and Volatile Compounds in Coffee and Transfer to Coffee Brews: Assessment of the Benefits and Potential Risks for Human Health	Food Science & Nutrition, vol. 13 (1), nr. e4640, <a href="https://doi.org/10.1002/fsn3.4640">https://doi.org/10.1002/fsn3.4640</a> , 2025	M. Senila, E. Kovacs, L. Senila	3.8
18.	Silver-Exchanged Clinoptilolite-Rich Natural	Materials, vol. 18 (7), nr. 1465,	M. Senila, O. Cadar, R.-C. Begy, C. Tanaselia, D.	3.2

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	Zeolite for Radon Removal from Air	<a href="https://doi.org/10.3390/ma18071465">https://doi.org/10.3390/ma18071465</a> , 2025	Simedru, C. Roman	
19.	Fiducial Reference Measurements for Greenhouse Gases (FRM4GHG): Validation of Satellite (Sentinel-5 Precursor, OCO-2, and GOSAT) Missions Using the COllaborative Carbon Column Observing Network (COCCON)	Remote Sensing, nr. 5, <a href="https://doi.org/10.3390/rs17050734">https://doi.org/10.3390/rs17050734</a> , 2025	Sha, Mahesh Kumar; Das, Saswati; Frey, Matthias M.; Dubravica, Darko; Alberti, Carlos; Baier, Bianca C.; Balis, Dimitrios; Bezanilla, Alejandro; Blumenstock, Thomas; Boesch, Hartmut; Cai, Zhaonan; Chen, Jia; Dandocsi, Alexandru; Mazière, Martine De; Foka, Stefani; García, Omaira; Gillespie, Lawson David; Griбанov, Konstantin; Gross, Jochen; Grutter, Michel; Handley, Philip; Hase, Frank; Heikkinen, Pauli; Humpage, Neil; Jacobs, Nicole; Jeong, Sujong; Karppinen, Tomi; Kiel, Matthäus; Kivi, Rigel; Langerock, Bavo; Laughner, Joshua; Lopez, Morgan; Makarova, Maria; Mermigkas, Marios; Morino, Isamu; Mostafavipak, Nasrin; Nemuc, Anca; Newberger, Timothy; Ohyama, Hirofumi; Okello, William; Osterman, Gregory; Park, Hayoung; Pirloaga, Razvan; Pollard, David F.; Raffalski, Uwe; Ramonet, Michel; Sepúlveda, Eliezer; Simpson, William R.; Stremme, Wolfgang; Sweeney, Colm; Taquet, Noemie; Topaloglou, Chrysanthi; Tu, Qiansi; Warneke, Thorsten; Wunch, Debra; Zakharov, Vyacheslav; Zhou, Minqiang	4.1
20.	Fusion of In-Situ and Modelled Marine Data for Enhanced Coastal	Journal of Marine Science and Engineering, nr. 2, 2077-1312, 2025	Maria Emanuela Mihailov, Alecsandru Vladimir Chirosca, Gianina Chirosca	2.8

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	Dynamics Prediction Along the Western Black Sea Coast			
21.	How Does the Location of Power Plants Impact Air Quality in the Urban Area of Bucharest?	ATMOSPHERE, nr. 6, <a href="https://doi.org/10.3390/atmos16060636">https://doi.org/10.3390/atmos16060636</a> , 2025	Doina Nicolae, Camelia Talianu, Jeni Vasilescu, Alexandru Marius Dandocsi, Livio Belegante, Anca Nemuc, Florica Țoancă, Alexandru Ilie, Andrei Valentin Dandocsi, Stefan Marius Nicolae, Gabriela Ciocan, Viorel Vulturescu, Ovidiu Gelu Tudose	2.3
22.	Chemical Characterization, Lipid Profile, and Volatile Compounds in Chlorella sp. and Spirulina platensis: A Promising Feedstock for Various Applications	Molecules, vol. 30 (7), nr. 1499, pp. 1-20, <a href="https://doi.org/10.3390/molecules30071499">https://doi.org/10.3390/molecules30071499</a> , 2025	L. Senila, E. Kovacs, C. Roman	4.6
23.	Spatiotemporal Analysis of Air Pollution and Climate Change Effects on Urban Green Spaces in Bucharest Metropolis	ATMOSPHERE, nr. 5, pp. 1-25, <a href="https://doi.org/10.3390/atmos16050553">https://doi.org/10.3390/atmos16050553</a> , 2025	Zoran, M.; Savastru, D.; Tautan, M.; Tenciu, D.; Stanciu, A	2.5
24.	Planar Surface Plasmonic Resonance Light Coupling via Transmission Diffraction Gratings for Chemical Optical Sensors	Plasmonics, <a href="https://doi.org/10.1007/s11468-025-02976-8">https://doi.org/10.1007/s11468-025-02976-8</a> , 2025	Aurelian Popescu, Dan Savastru	4.3
25.	Air pollution mapping and variability over five European cities	Environment International, <a href="https://doi.org/10.1016/j.envint.2025.109474">https://doi.org/10.1016/j.envint.2025.109474</a> , 2025	Karine Sartelet, Jules Kerckhoffs, Eleni Athanasopoulou, Lya Lugon, Jeni Vasilescu, Jian Zhong, Gerard Hoek, Cyril Joly, Soo-Jin Park, Camelia Talianu, Sef van den Elshout, Fabrice Dugay, Evangelos Gerasopoulos, Alexandru Ilie, Youngseob Kim, Doina Nicolae, Roy M. Harrison, Tuukka Petäjä	9.7
26.	Graphene-based long	Journal of	I. S. Dontu, D. Savastru, V.	0.5

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	period grating fiber sensor as detector of metallic impurities in composite materials	Optoelectronics and Advanced Materials, nr. 3, pp. 113-120, 1454 - 4164, 2025	Savu, D. Tenciu, A. Stanciu	
27.	Variability and trends of PM concentrations near Bucharest in relation to European air quality standards	University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics and Physics, nr. 2, pp. 197-208, ISSN 1223-7027, 2025	Andrei Valentin Dandocsi, Jeni Georgeta Vasilescu, Anca Viorica Nemuc, Florica Toanca, Alexandru Marian Ilie, Alin Alexandru Tilea, Viorel Vulturescu, Cristina Stan	0.6
28.	Machine Learning Approaches for Microplastic Pollution Analysis in <i>Mytilus galloprovincialis</i> in the Western Black Sea	Sustainability , nr. 12, 10.3390/su17125664, 2025	Maria Emanuela Mihailov, Alecsandru Vladimir Chiroasca, Elena Daniela Pantea, Gianina Chiroasca	3.3
29.	Optimization of Protein Extraction from Sunflower Meal Using Taguchi Design and Regression Modeling for Human Nutrition Applications	Foods, nr. 2415, <a href="https://doi.org/10.3390/foods14142415">https://doi.org/10.3390/foods14142415</a> , 2025	A. Becze, M. Senila, L. Senila, L. Dordai, O. Cadar, V.L. Fuss-Bablau, M. Roman, L. Levei, P. Uiuuiu, M.O. Naghiu	5.1
30.	Functional structured coatings for perovskite solar cells –a short review of recent advances	Journal of Optoelectronics and Advanced Materials, nr. 9-10, pp. 511-517, 1454 - 4164, 2025	I. Chilibon, I.C. Vasiliu	0.5
31.	Ranking of Risk Factors Leading to Uterine Scar Defect—Systematic Online Review	Journal of Clinical Medicine, nr. 13, pp. 1-11, 10.3390/jcm14134551, 2025	Ionita Ducu, Bianca-Margareta Salmen, Ana-Maria Iordache, Cristiana-Elena Durdu, Roxana Elena Bohiltea	2.9
32.	Degradation of Emerging Plastic Pollutants from Aquatic Environments Using TiO2 and Their Composites in Visible Light Photocatalysis	Molecules, pp. 1-27, <a href="https://doi.org/10.3390/molecules30153186">https://doi.org/10.3390/molecules30153186</a> , 2025	Alexandra Gabriela Stancu, Maria Râpă, Cristina Liana Popa, Simona Ionela Dontu, Ecaterina Matei, Cristina Ileana Covaliu-Mirelă	4.6
33.	Autoencoder Application for Artwork Authentication Fingerprinting Using the Craquelure Network	Applied Sciences, nr. 16, pp. 9014, <a href="https://doi.org/10.3390/a1615169014">https://doi.org/10.3390/a1615169014</a> , 2025	Gianina Chiroasca, Roxana Radvan, Matei Pop, Alecsandru Chiroasca	2.5

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34.	Analysis of source regions and transport pathways of sub-micron aerosol components in Europe	Environmental Pollution, nr. 127110, <a href="https://doi.org/10.1016/j.envpol.2025.127110">https://doi.org/10.1016/j.envpol.2025.127110</a> , 2025	Michelle Y. Schneider, Jianhui , Ying Chen, Wenche Aas, Samira Atabakhsh, Minna Aurela, Claudio Belis, Aikaterini Bougiatioti, Michael Bressi, Francesco Canonaco, Benjamin Chazeau, Hasna Chebaicheb, Mikael Ehn, Konstantinos Eleftheriadis, Olivier Favez, Harald Flentje, Anna Font, Evelyn Freney, Stefania Gilardoni, Maria I. Gini, David C. Green, Liine Heikkinen, Hannes Keernik, Radek Lhotka, Chunshui Lin, Marek Maasikmets, Nicolas Marchand, María Cruz Minguillón, Jaroslaw Necki, Jurgita Ovadnevaite, Marco Paglione, Julija Pauraite, Jean-Eudes Petit, Michael Pikridas, Stephen Platt, Petra Pokorná, Vanes Poluzzi, Laurent Poulain, Véronique Riffault, Matteo Rinaldi, Jean Sciare, Yulia Sosedova, Iasonas Stavroulas, Hilikka Timonen, Anna Tobler, Jeni Vasilescu, Marta Via, Petr Vodička, Yunjiang Zhang, Olga Zografou, Kaspar Rudolf Daellenbach, Abhishek Upadhyay, Gang I. Chen, Manousos-Ioannis Manousakas, Imad El Haddad, André S.H. Prévôt	7.3
35.	Changes in the thermal stress across Europe between 1940–2023	International Journal of Biometeorology , <a href="https://doi.org/10.1007/s00484-025-03043-x">https://doi.org/10.1007/s00484-025-03043-x</a> , 2025	Luminița Mărmureanu, Bogdan Antonescu, Dragoș Ene, Simona Andrei, Raluca Turcu	2.6
36.	Use of mobile aerosol dosimeter to estimate	Journal of Optoelectronics and	Simona Cornelia Andrei, Alexandru Marius	0.5

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	seasonal concentrations of ultrafine particles	Advanced Materials, pp. 368-381, 1454-4164, 2025	Dandocsi, Andrei Valentin Dandocsi, Alexandru Marian Ilie, Camelia Talianu, Jeni Georgeta Vasilescu	
37.	Mineral dust intrusions in Southeastern Romania: insights from seventeen years of sun photometer data	Journal of Optoelectronics and Advanced Materials, nr. 7-8, pp. 354-367, 1454-4164, 2025	Ancuta Gabriela Ciocan, Anca Viorica Nemuc, Livio Belegante, Marius Mihai Cazacu	0.5
38.	Machine-Learning-Driven Reconstruction of Organic Aerosol Sources across Dense Monitoring Networks in Europe	Environmental Science & Technology Letters, : <a href="https://doi.org/10.1021/acs.estlett.5c00771">https://doi.org/10.1021/acs.estlett.5c00771</a> , 2025	Adrien Jouanny, Abhishek Upadhyay,* Jianhui Jiang, Petros Vasilakos, Marta Via, Yun Cheng, Benjamin Flueckiger, Gaëlle Uzu, Jean-Luc Jaffrezo, Céline Voiron, Olivier Favez, Hasna Chebaicheb, Aude Bourin, Anna Font, Véronique Riffault, Evelyn Freney, Nicolas Marchand, Benjamin Chazeau, Sébastien Conil, Jean-Eudes Petit, Jesús D. de la Rosa, Ana Sanchez de la Campa, Daniel Sanchez-Rodas Navarro, Sonia Castillo, Andrés Alastuey, Xavier Querol, Cristina Reche, María Cruz Minguillón, Marek Maasikmets, Hannes Keernik, Fabio Giardi, Cristina Colombi, Eleonora Cuccia, Stefania Gilardoni, Matteo Rinaldi, Marco Paglione, Vanes Poluzzi, Dario Massabo, Claudio Belis, Stuart Grange, Christoph Hueglin, Francesco Canonaco, Anna Tobler, Hilkkka J. Timonen, Minna Aurela, Mikael Ehn, Iasonas Stavroulas, Aikaterini Bougiatioti, Konstantinos Eleftheriadis, Maria I. Gini, Olga Zografou, Manousos-	8.8

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			Ioannis Manousakas, Gang lan Chen, David Christopher Green, Petra Pokorná, Petr Vodicka, Radek Lhotka, Jaroslav Schwarz, Andrea Schemmel, Samira Atabakhsh, Hartmut Herrmann, Laurent Poulain, Harald Flentje, Liine Heikkinen, Varun Kumar, Hugo Anne Denier van der Gon, Wenche Aas, Stephen M. Platt, Karl Espen Yttri, Imre Salma, Anikó Vasánits, Benjamin Bergmans, Yulia Sosédova, Jaroslaw Necki, Jurgita Ovadnevaite, Chunshui Lin, Julija Pauraite, Michael Pikridas, Jean Sciare, Jeni Vasilescu, Livio Belegante, Célia Alves, Jay G. Slowik, Nicole Probst-Hensch, Danielle Vienneau, André S. H. Prévôt, Aniss Aiman Medbouhi, Daniel Trejo Banos, Kees de Hoogh, Kaspar R. Daellenbach,* Ekaterina Krymova, and Imad El Haddad	
39.	A sensitivity study of a FTIR retrieval algorithm to uncertainties in surface pressure measurements	Journal of Optoelectronics and Advanced Materials, nr. 9-10, pp. 491-510, 1454-4164, 2025	Stefan Nicolae, Alexandru Dandocsi, Alexandru Ilie, Cristian Radu	0.5
40.	Visualization of Single Polymer Chains with Atomic Force Microscopy: A Review	POLYMERS, vol. 17 (10), nr. 1397, <a href="https://doi.org/10.3390/polym17101397">https://doi.org/10.3390/polym17101397</a> , 2025	M. Pop, O Todor-Boer, I. Botiz	4.9
41.	Crystals of Nonfullerene Acceptors Generated by Rich Exposure to Solvent Vapors	CRYSTAL GROWTH & DESIGN, nr. 8, pp. 2337, <a href="https://doi.org/10.1021/acs.cgd.5c00192">https://doi.org/10.1021/acs.cgd.5c00192</a> , 2025	Y. Cotoarba, O. Todor-Boer, I. Botiz	3.4
42.	What's New with the Old Ones: Updates on Analytical Methods for	Chemosensors, <a href="https://doi.org/10.3390/chemosensors13090328">https://doi.org/10.3390/chemosensors13090328</a> ,	L. Ghervase, M. Dinu	3.7

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	Fossil Research	2025		
43.	In situ immobilization of potentially toxic elements in soil using agricultural byproducts and wastes: A review	Journal of Environmental Management, nr. 127326, <a href="https://doi.org/10.1016/j.jenvman.2025.127326">https://doi.org/10.1016/j.jenvman.2025.127326</a> , 2025	E. Levei, E. Kovacs, M. Senila, V. Fierro, O. Cadar	8.4
44.	Multiscale design of an additively manufactured Ti–Nb alloy with nanostructured Sr-substituted hydroxyapatite coating for bone tissue engineering	Ceramics International, pp. 46323-46342, <a href="https://doi.org/10.1016/j.ceramint.2025.07.339">10.1016/j.ceramint.2025.07.339</a> , 2025	M. Kozadaeva, D. Khrapov, I.Y. Grubova, A. Vladescu (Dragomir), V. Anorin, C.M. Cotrut, K. Loukelis, M. Dinu, M. Chatzinikolaidou, F. Krau, F. Noll, P. Kahler, A.V. Koptuyug, R.A. Surmenev, M.A. Surmeneva	5.6
45.	Insights into the Biocompatibility of Human Gingival Fibroblasts Cultured on a Hydroxyapatite-Coated New Ti-Nb Alloy. New Perspectives for Dentistry	Ceramics International, pp. 36525-36536, <a href="https://doi.org/10.1016/j.ceramint.2025.05.367">10.1016/j.ceramint.2025.05.367</a> , 2025	M. Moisa, B. Voicu Balasea, M. Imre, C. Vitelaru, R. Radulescu, F. Duica, F. Rus, I. Pana, C. Muscurel, A. Popa, A. Ripszky, A. Cernega, A. Vladescu (Dragomir),	5.6
46.	Biocompatible Inorganic PVD MeSiON Thin Films (Me = Cr or Zr) Used to Enhance the Bond Strength Between NiCr-Based Metallic Frameworks and Ceramic in Dental Restorations	Dentistry Journal, pp. 1-20, <a href="https://doi.org/10.3390/dj13070318">10.3390/dj13070318</a> ;; 2025	, M. Dinu, C.M. Cotrut, A. Vladescu (Dragomir), F. Baci, A.C. Parau, I. Pana, L.R. Constantin, C. Vitelaru	3.1
47.	Bioactive Glass and Melittin Thin Films Deposited by MAPLE for Titanium Implant Functionalization	Materials, pp. 1-24, <a href="https://doi.org/10.3390/ma18102410">10.3390/ma18102410</a> , 2025	M. Dinu, B. Bit, A.C. Parau, C. Ristoscu, I. Negut	3.2
48.	Multifunctional Bioactive Coatings Based on Bioglass, Vitamin D3, and Melittin Deposited via MAPLE for Enhanced Osseointegration, Antibacterial Activity, and Corrosion Resistance of Titanium Implants	Advanced Materials Interfaces , nr. 22, pp. 1-21, <a href="https://doi.org/10.1002/admi.202500505">10.1002/admi.202500505</a> , 2025	I. Negut, B. Bit, M. Dinu, A.C. Parau, T. Tozar, O. Gherasim, V. Grumezescu, C. Ristoscu, L. Marutescu, G. Gradisteanu Pircalabioru	4.4
49.	Light-Based Neuromodulation in the	Balneo and PRM Research Journal, nr. 3,	A. Buliman, M.A. Calin, M.P. Iordache	1.1

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50.	Solid-State Materials for Opto-Spintronics: Focus on Ferromagnets and 2D Materials	Solids, nr. 2, 10.3390/solids6020025, 2025	Florea, A.-M.; Caramizoiu, S.; Iordache, A.-M.; Iordache, S.-M.; Bita, B.	2.4
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53.	Validation of longwave downward radiation estimated by ERA5 reanalysis using measured BSRN INO station data	Optoelectronics and Advanced Materials- Rapid Communications, nr. 11-12, pp. 549-554, 2065 - 3824, 2025	Emil Carstea, Konstantinos Fragkos, Mariana Adam	0.4
54.	Examining the characteristics of aerosols: a statistical analysis based on a decade of lidar and photometer observations at the Eastern border of ACTRIS	EGUsphere, <a href="https://doi.org/10.5194/egusphere-2025-2092">https://doi.org/10.5194/egusphere-2025-2092</a> , 2025	Livio Belegante, Ancuta Gabriela Ciocan, Alexandru Marius Dandocsi, Anca Viorica Nemuc, Doina Nicoleta Nicolae, Victor Andrei Nicolae, Cristian Marian Radu, Camelia Talianu	3.3
55.	Optical satellite data monitoring of synergistic effects of summer urban heat island and heat waves on viral infections dynamics	Journal of Optoelectronics and Advanced Materials, nr. 7, pp. 392-410, 1454-4164, 2025	M. Zoran, Savastru, M.N. Tautan	0.5
56.	Synergetic retrieval from multi-mission spaceborne measurements for enhanced aerosol and surface characterization	Atmospheric Measurement Techniques, nr. 24, pp. 7679-7716, 10.5194/amt-18-7679-2025, 2025	P. Litvinov, C. Chen, O. Dubovik, S.Y. Zhai, C. Matar, C. Li, A. Lopatin, D. Fuertes, T. Lapyonok, L. Bindreiter, M. Dornacher, A. Lehner, A. Dandocsi, D. Gasbarra, C. Retscher	3.3
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85.	Synergistic bactericidal and anticancer potential of rubidium and silver-containing phosphate-based bioglasses	SCIENTIFIC REPORTS, nr. 37135, <a href="https://doi.org/10.1038/s41598-025-21009-2">https://doi.org/10.1038/s41598-025-21009-2</a> , 2025	M. Bosca, L.C. Bolundut, L. Pop, R. Lucacel-Ciceo, G. Stiufiuc, R. F. Badila, I. Lupan, O. R. Koblicska, A. Onaciu, D. Cenariu, A.-B. Țigu, G. Katona, D. Simedru, P. Pascuta	3.9
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87.	MULTIVARIATE STATISTICAL METHODS FOR DETERMINING THE DEPOSITION OF CHEMICAL ELEMENTS IN THE AIR IN THE POREČE REGION, NORTH MACEDONIA	Environmental Engineering and Management Journal, pp. 347-359, 10.30638/eemj.2025.027 , 2025	T. Stafilov, R. Šajn, M. Ocevaska, C. Tănăselia	0.9
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92.	The Impact Of The Thermal Process Applied On Polycyclic Aromatic Hydrocarbons In Wild Boar Meat	Scientific Papers. Series D. Animal Science, <a href="https://animalsciencejournal.usamv.ro/pdf/2025/issue_1/Art84.pdf">https://animalsciencejournal.usamv.ro/pdf/2025/issue_1/Art84.pdf</a> , 2025	A. F. Cioata, A. Damian, O. A. Pece, A. Sabou, A. Becze, A. Coroian	0.4
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95.	Material analysis of Batavian pottery from Roman Dacia: X-ray fluorescence and graph clustering	Journal of Ancient History and Archaeology, nr. 4, <a href="https://doi.org/10.14795/jaha.12.4.2025.1311">https://doi.org/10.14795/jaha.12.4.2025.1311</a> , 2025	R. Varga, C. Tanaselia, E. A. Levei	0.3
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100.	Urban Forest Fragmentation Reshapes Soil Microbiome-Carbon Dynamics	Diversity, nr. 8, 10.3390/D17080545 , 2025	MH Kovacs, N.N. Khoi; E.D. Kovacs	2.1
101.	Bacterial diversity in longan orchard alluvial soil is influenced by cultivation time and soil properties	Frontiers in Soil Science, 10.3389/FSOIL.2025.1610343 , 2025	N.N. Khoi, E.D. Kovacs, M.H. Kovacs, X.L. Thi, M.L. Wright, T.H. Baris, R. Javad, S. Jegan, L. H. W. Gonsalve, N. Trung Thanh	3.7

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