

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

Nr crt	TITLUL	REVISTA	AUTORII	FI
Publicate in reviste cotate ISI				
1.	Preliminary researches on some technical-functional parameters of an experimental model of convective dryer with total energy independence	INMATEH-Agricultural Engineering, nr. 1, pp. 547-556, eISSN 2068 – 2239; DOI: 10.35633/inmateh-72-48, 2024	Cristian Marian Sorica, Ionel Patrut, Gheorghe Sovaiala, Elena Sorica, Laurentiu Constantin Vladutoiu, Mario Cristea, Gabriela Matache, Ioan Pavel	0.6
2.	Structural, mechanical, wear and anticorrosive properties of CrSiCN coatings used for industrial woodworking applications	Heliyon, nr. 8, pp. 29496, doi.org/10.1016/j.heliyon.2024.e29496, 2024	I. Pană, A.C. Pârâu, M. Dinu, C. Vițelaru, D.M. Vrânceanu, T. Lindner, A. Vlădescu (Dragomir)	3.4
3.	Connecting stories. Investigations of a 17th-century Mercator hand-painted map	Studies in conservation, https://doi.org/10.1080/00393630.2024.2379131, 2024	L. Ratoiu, L. Ghervase	0.8
4.	Assessment of the heavy metal pollution degree and potential health risk implications in lakes and fish from northern Romania	Journal of Environmental Chemical Engineering, nr. 2, https://doi.org/10.1016/j.jece.2024.112217, 2024	T. Dippong, M. Senila, O. Cadar, M. A. Resz	7.4
5.	Optical properties of riverine dissolved organic matter and influence of precipitation - a case study	Optoelectronics and Advanced Materials- Rapid Communications, nr. 3-4, 1842-6573, 2024	I.S. Dontu, C.L. Popa, D. Savastru, E.M. Carstea	0.5
6.	Overlap correction function based on multi-angle measurements for an airborne direct-detection lidar for atmospheric sensing	OPTICS EXPRESS, nr. 7, pp. 11022-11040, 10.1364/OE.507433, 2024	Mariana Adam, Franco Marengo	3.2
7.	Periodontal Disease Monitoring by Raman Spectroscopy of Phosphates: New Insights into Pyrophosphate	Diagnostics, nr. 1, pp. 1-13, 10.3390/diagnostics14010066, 2023	Gatin Eduard, Stefan Marian Iordache, Dina Ilinca Gatin, Pal Nagy, Ana-Maria Iordache, Catalin Luculescu	3

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	Activity			
8.	Performance Assessment of Three Similar Dental Restorative Composite Materials via Raman Spectroscopy Supported by Complementary Methods Such as Hardness and Density Measurements	POLYMERS, nr. 4, pp. 1-12, 10.3390/polym16040466, 2024	Iordache Stefan-Marian, Ana-Maria Iordache, Dina Ilinca Gatin, Cristiana Eugenia Ana Grigorescu, Roxana Romanita Illici, Catalin-Romeo Luculescu, and Eduard Gatin	4.7
9.	An Overview of the Current Trends in Marine Plastic Litter Management for a Sustainable Development	Recycling MDPI, nr. 30, https://doi.org/10.3390/recycling9020030 , 2024	Maria Râpă, Elfrida M. Cârstea, Anca A. Săulean, Cristina L. Popa, Ecaterina Matei, Andra M. Predescu, Cristian Predescu, Simona I. Dontu, Alexandra G. Dincă	4.6
10.	Assessing Microplastics and Nanoparticles in the Surface Seawater of Venice Lagoon—Part I: Methodology of Research	Materials, nr. 1759, https://doi.org/10.3390/ma17081759 , 2024	Teresa Cecchi, Davide Poletto, Andrei Constantin Berbecaru, Elfrida Mihaela Cârste, Maria Râpa	3.1
11.	Spatiotemporal Variability of Convective Events in Romania Based on METAR Data	Sustainability, nr. 8, https://doi.org/10.3390/su16083243 , 2024	Piticar A., Andrei S., Tudor A.	3.3
12.	Towards FAIR data management in heritage science research: updates and progress on the INFRA-ART Spectral Library	Heritage, nr. 5, pp. 2569-2585, https://doi.org/10.3390/heritage7050123 , 2024	I.M. Cortea	2
13.	Structural, electrochemical, biological, and mechanical assessment of functionally graded Cr-based multilayers for enhanced metal-ceramic bond strength in dental restorations	Materials Chemistry and Physics, pp. 1-13, 10.1016/j.matchemphys.2023.128655, 2024	M. Dinu, C.M. Cotrut, T. Petreus, T. Hauffman, F. Baci, A. Vladescu (Dragomir)	4.3
14.	Stability of beryllium-tungsten coatings under annealing up to 1273	NUCLEAR MATERIALS AND ENERGY, pp. 1-7, 10.1016/j.nme.2023.101571, 2024	K, R. Mateus, C. Porosnicu, M. Dias, C. Vitelaru, P.A. Carvalho, C.P. Lungu, E. Alves	2.3

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15.	Fs Laser Patterning of Amorphous As ₂ S ₃ Thin Film	Materials, pp. 1-15, 10.3390/ma17040798, 2024	C. Mihai, F. Jipa, G. Socol, A.E. Kiss, M. Zamfirescu, A. Velea	3.1
16.	In Vitro Characterization of Hydroxyapatite-Based Coatings Doped with Mg or Zn Electrochemically Deposited on Nanostructured Titanium	Biomimetics, pp. 1-24, 10.3390/biomimetics9040244, 2024	D.M. Vranceanu, E. Ungureanu, I.C. Ionescu, A.C. Parau, V. Pruna, I. Titorencu, M. Badea, C.-S. Galbau, M. Idomir, M. Dinu, A. Vladescu (Dragomir), C.M. Cotrut	3.4
17.	Solar radiation characteristics at the INO BSRN station	Optoelectronics and Advanced Materials- Rapid Communications, nr. 11-12, pp. 562-571, 1842-6573, 2024	E. Carstea, K Fragkos	0.5
18.	A control oriented strategy of disruption prediction to avoid the configuration collapse of tokamak reactors	Nature Communications, 10.1038/s41467-024-46242-7, 2024	A. Murari, R. Rossi, T. Craciunescu, J. Vega, ..., V. Braic, ..., I. Zycor	14.7
19.	Multi-criteria optimization of a laboratory top-lit updrat gasifier in order to reduce greenhouse gases and particulate matter emissions	Processes, nr. 6, pp. 1103-1103, ISSN 2227-9717; DOI: 10.3390/pr12061103, 2024	Alexandru-Polifron Chirita, Ioan Pavel, Radu-Iulian Radoi, Gabriela Matache, Gheorghe Sovaiala, Ana-Maria Carla Popescu	2.8
20.	On Numerical Modelling and an Experimental Approach to Heterojunction Tandem Solar Cells Based on Si and Cu ₂ O/ZnO—Results and Perspectives	Coatings, nr. 3, pp. 1-16, 10.3390/coatings14030244, 2024	Laurentiu Fara, Irinela Chilibon, Ileana Cristina Vasiliu, Dan Craciunescu, Alexandru Diaconu, and Silvian Fara	2.9
21.	Advanced Architectural Integration of Aesthetic, Energetic and Reliable Features for Coloured Building Integrated Photovoltaics (BIPV) Systems	Environmental Engineering and Management Journal, nr. 3, pp. 685-701, 10.30638/eemj.2024.053, 2024	Laurentiu Fara, Irinela Chilibon, Dan Craciunescu, Alexandru Diaconu, Ana Maria Badea, Silvian Fara	0.9
22.	Processing of Thin Films Based on Cellulose Nanocrystals and Biodegradable Polymers by Space-Confined	Materials, nr. 1685, https://doi.org/10.3390/ma17071685 , 2024	L. Senila, I. Botiz, C. Roman, D. Simedru, M. Dan, I. Kacso, M. Senila, O. Todor-Boer	3.1

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	Solvent Vapor Annealing and Morphological Characteristics			
23.	Chemical Assessment of Drinking Water Quality and Associated Human Health Risk of Heavy Metals in Gutai Mountains, Romania	Toxics, nr. 168, https://doi.org/10.3390/toxics12030168 , 2024	T. Dippong, M.-A. Resz	3.9
24.	Composites from recycled polypropylene and carboxymethylcellulose with potential uses in the interior design of vehicles	POLYMERS, nr. 15, pp. 2188-2188, ISSN: 2073-4360; DOI: 10.3390/polym16152188, 2024	Alina Ruxandra Caramitu, Romeo Cristian Ciobanu, Ioana Ion, Mihai Marin, Eduard-Marius Lungulescu, Virgil Marinescu, Magdalena Aflori, Adriana Mariana Bors	4.7
25.	Polymeric protective films as anticorrosive coatings—Environmental evaluation	POLYMERS, nr. 15, pp. 2192-2192, ISSN: 2073-4360; DOI: 10.3390/polym16152192, 2024	Alina Ruxandra Caramitu, Romeo Cristian Ciobanu, Magdalena Valentina Lungu, Eduard-Marius Lungulescu, Cristina Mihaela Scheiner, Mihaela Aradoaei, Adriana Mariana Bors, Traian Rus	4.7
26.	Characterization of some functional polymeric composites in a synergistic regime of protection at electromagnetic shielding and electrostatic transfer	Materiale Plastice, nr. 2, pp. 75-89, ISSN: 0025-5289; DOI: 10.37358/MP.24.2.5720, 2024	Alina Ruxandra Caramitu, Ioana Ion, Mihai Marin, Adriana Mariana Bors, Romeo Cristian Ciobanu, Cristina Schreiner, Mihaela Aradoaei	0.6
27.	Aerosol, Clouds and Trace Gases Research Infrastructure (ACTRIS): The European Research Infrastructure Supporting Atmospheric Science	Bulletin of the American Meteorological Society, nr. 7, https://doi.org/10.1175/BAMS-D-23-0064.1 , 2024	Paolo Laj, Cathrine Lund Myhre, Véronique Riffault, Vassilis Amiridis, Hendrik Fuchs, Konstantinos Eleftheriadis, Tuukka Petäjä, Thérèse Salameh, Niku Kivekäs, Eija Juurola, Giulia Saponaro, Sabine Philippin, Carmela Cornacchia, Lucas Alados Arboledas, Holger Baars, Anja Claude, Martine De Mazière, Bart Dils, Marvin Dufresne, Nikolaos Evangeliou, Olivier Favez, Markus Fiebig, Martial	6.9

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			Haefelin, Hartmut Herrmann, Kristina Höhler, Niklas Illmann, Axel Kreuter, Elke Ludewig, Eleni Marinou, Ottmar Möhler, Lucia Mona, Lise Eder Murberg, Doina Nicolae, Anna Novelli, Ewan O'Connor, Kevin Ohneiser, Rosa Maria Petracca Altieri, Bénédicte Picquet-Varrault, Dominik van Pinxteren, Bernhard Pospichal, Jean-Philippe Putaud, Stefan Reimann, Nikolaos Siomos, Iwona Stachlewska, Ralf Tillmann, Kalliopi Artemis Voudouri, Ulla Wandinger, Alfred Wiedensohler, Arnoud Apituley, Adolfo Comerón, Martin Gysel-Beer, Nikolaos Mihalopoulos, Nina Nikolova, Aleksander Pietruczuk, Stéphane Sauvage, Jean Sciare, Henrik Skov, Tove Svendby, Erik Swietlicki, Dimitar Tonev, Geraint Vaughan, Vladimir Zdimal, Urs Baltensperger, Jean- François Doussin, Markku Kulmala, Gelsomina Pappalardo, Sanna Sorvari Sundet, and Milan Vana	
28.	Improving the performance of surface plasmon resonance sensors for liquid chemical detection	Journal of Optoelectronics and Advanced Materials, nr. 7, pp. 264-268, 14544164, 2024	Popescu, Dan Savastru, Al. Stanciu	0.6
29.	Analysis of a high-power laser thermal phenomena induced onto a composite made uav/drone in flight	Journal of Optoelectronics and Advanced Materials, nr. 7, pp. 316-326, 14544164, 2024	Dan Savastru, V. Savu, M. Rusu, M. Tautan, Al. Stanciu	0.6
30.	New Insights into the Materials and Painting Techniques of Ancient	Heritage, nr. 9, pp. 5268-5294, https://doi.org/10.3390/h	I.M. Cortea, L. Ghervase, L. Ratoiu, O. Țentea, M. Dinu	2

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	Wall Paintings from the Roman Province of Dacia: A Minimally Invasive Multi-Method Approach	eritage7090248, 2024		
31.	GRATING OPTIC FIBER SENSORS DETECTION OF SMART POLYMER COMPOSITE DELAMINATION	University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics and Physics, nr. 3, pp. 145-155, 1223-7027, 2024	Dan SAVASTRU, Marina TAUTAN, Valeriu SAVU, Madalin Ion RUSU, Alexandru STANCIU	0.7
32.	Influence of annealing temperature on microstructural and optical properties of Cu-based transparent heat reflectors	JOURNAL OF PHOTONICS FOR ENERGY, nr. 3, pp. 1-13, 10.1117/1.JPE.14.034001, 2024	Iulian Pana, Anca C. Parau, Mihaela Dinu, Adrian E. Kiss, Lydia R. Constantin, Alina Dragomir (Vladescu), Catalin Vitelaru	1.5
33.	MgCa-Based Alloys Modified with Zn- and Ga-Doped CaP Coatings Lead to Controlled Degradation and Enhanced Bone Formation in a Sheep Cranium Defect Model	Art Conservation Support, pp. 4452-4462, 10.1021/acsbiomaterials.4c00358, 2024	Seyda Gokyer, Yanad Abou Monsef, Senem Buyuksungur, Jurgen Schmidt, Alina Vladescu Dragomir, Sencer Uygur, Cagdas Oto, Kaan Orhan, Vasif Hasirci, Nesrin Hasirci, Pinar Yilgor	5.5
34.	Lessons learnt during the first Quality Assurance exercise of the ACTRIS high-power lidars	Journal of Optoelectronics and Advanced Materials, nr. 9-10, pp. 422-432, 1454 - 4164, 2024	L. Belegante, C. Talianu, A. Nemuc, V. Nicolae, G. Ciocan, F. Toanca, O.G. Tudose, C. Radu, D. Nicolae	0.6
35.	Urban Air Pollution Exposure Impact on COVID-19 Transmission in a Few Metropolitan Regions	Sustainability, nr. 6119, pp. 1-19, https://doi.org/10.3390/su16146119 , 2024	Maria Zoran, Roxana Radvan, Dan Savastru and Marina Tautan	3.3
36.	The Effects of Air Quality and the Impact of Climate Conditions on the First COVID-19 Wave in Wuhan and Four European Metropolitan Regions	ATMOSPHERE, nr. 1230, pp. 1-22, doi.org/10.3390/atmos15101230 , 2024	Marina Tautan, Maria Zoran *, Roxana Radvan, Dan Savastru, Daniel Tenciu and Alexandru Stanciu	2.5
37.	Sustainable Valorisation of Coffee Waste as a Protein Source, Mycelium-Based Packaging Material and	Molecules, nr. 4983, https://doi.org/10.3390/molecules29214983 , 2024	A. Becze, D. Simedru, D.G. Barta, L. Senila, C. Varaticeanu, T. Blaga	4.2

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	Renewable Energy Pellet			
38.	Unveiling the layers of history: a hybrid profiling approach for the characterisation of heritage objects	Journal of Optoelectronics and Advanced Materials, nr. 11-12, pp. 512-522, ISSN (Print): 1454 - 4164, 2024	M. Dinu, L. Ghervase, L.C. Ratoiu, I.M. Cortea, L.M. Angheluță, A.M. Pătrașcu, C.M. Stancu, V.A. Cristea	0.6
39.	Mechanical, tribological, and corrosion resistance properties of (TiAl _x CrNbY) _{Ny} high-entropy coatings synthesized by hybrid reactive magnetron sputtering	Crystals, pp. 993, doi.org/10.3390/cryst14110993, 2024	N. C. Zoita, M. Dinu, Anca C. Parau, Iulian Pana, Adrian E. Kiss	2.4
40.	Briquette Production from Vineyard Winter Pruning Using Two Different Approaches	Agriculture-Basel, nr. 1109, https://doi.org/10.3390/agriculture14071109 , 2024	I. Tenu, R. Rosca, O-R. Corduneanu, C. Roman, L. Senila, V. Arsenoaia, L. Butnaru, M. Baetu, C. Chirila, P.M. Carlescu	3.3
41.	Evaluation of Alternative Sources of Proteins and Other Nutrients with Potential Applications in Fish Nutrition	Molecules, nr. 2332, https://doi.org/10.3390/molecules29102332 , 2024	G.-C. Muntean, D. Simedru, P. Uiuiu, C. Tanaselia, O. Cadar, A. Becze, A. Coroian	4.2
42.	Recent Advances in the Determination of Major and Trace Elements in Plants Using Inductively Coupled Plasma Optical Emission Spectrometry	Molecules, nr. 3169, https://doi.org/10.3390/molecules29133169 , 2024	M. Senila	4.2
43.	Chemical composition and nutritional characteristics of popular wild edible mushroom species collected from North-Western Romania	Journal of Food Composition and Analysis, nr. 106504, https://doi.org/10.1016/j.jfca.2024.106504 , 2024	M. Senila, L. Senila, M.-A. Resz	4
44.	Variations of Chemical, Physical, Mechanical Properties, and Biological and Antimicrobial Effectiveness of Ti Alloys by Coating with CaP Doped with Different Amounts of Zn via Micro-Arc Oxidation (MAO) Technique	Ceramics International, pp. 37096-37110, 10.1016/j.ceramint.2024.07.100, 2024	S. Buyuksungur, A.C. Parau, M. Dinu, I. Pana, C. Vitelaru, J. Schmidt, T.E. Tanir, V. Hasirci, A. Vladescu (Dragomir), N. Hasirci	5.1

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45.	Evaluation of the In Vitro Behavior of Electrochemically Deposited Plate-like Crystal Hydroxyapatite Coatings	Biomimetics, pp. 704, doi.org/10.3390/biomimetics9110704, 2024	Cosmin M. Cotrut , Alexandru Blidisel , Diana M. Vranceanu , , Alina Vladescu (Dragomir) , Elena Ungureanu , Iulian Pana , Mihaela Dinu , Catalin Vitelaru , Anca C. Parau , Vasile Pruna , Mihai S. Magurean and Irina Titorencu	3.4
46.	Machine learning application for high-speed FTIR absorption spectra analysis	ROMANIAN JOURNAL OF PHYSICS, nr. 9-10, 1221-146X, 2024	Gianina Chiroasca, Dorian-Mihai Istrate, Silviu-George Musat	1.2
47.	Underwater Noise Assessment in the Romanian Black Sea Waters	Environments, 2076-3298, 2024	Gianina Chiroasca	3.5
48.	The Use of Calcium Phosphate Bioceramics for the Treatment of Osteomyelitis	Ceramics, nr. 4, pp. 1779-1809, 10.3390/ceramics7040113, 2024	C. S. Oliveira; I. Negut; Bogdan Bită	2.7
49.	Hyperspectral imaging with machine learning for in vivo skin carcinoma margin assessment: a preliminary study	Physical and Engineering Sciences in Medicine, nr. - , pp. 1141-1152, https://doi.org/10.1007/s13246-024-01435-8, 2024	Sorin Viorel Parasca, Mihaela Antonina Calin, Dragos Manea, Roxana Radvan	2.4
50.	3D printing of personalised stents using new advanced photopolymerizable resins and Ti-6Al-4V alloy	Rapid Prototyping Journal, pp. 696-710, 10.1108/RPJ-10-2023-0360, 2024	D.I. Baila, F. Sanfilippo, T. Savu, F. Gorski, I.C. Radu, C. Zaharia, C.A. Parau, M. Zelenay, P. Razvan	3.4
51.	Surface evaluation of carbonitride coating materials at high temperature: an investigation of oxygen adsorption on crystal surfaces by molecular dynamics simulation	JOURNAL OF POROUS MATERIALS, nr. 4, pp. 1533-1589, 1007/s10934-024-01627-3 , 2024	M. N. Mirzayev, G. T. Imanova, D. Neov, M. Rasoul, I. R. Bekpulatov, F. K. Khallokov, E. P. Popov, K. Hasanov, S. Isayeva, B. Mauey, D. M. Mirzayeva, F. Tatardar, M. Dinu, G. Kaminski & A. Vladescu (Dragomir)	2.5
52.	Heavy metal contamination assessment and potential human health risk of water quality of lakes	Heliyon, nr. e28860 , https://doi.org/10.1016/j.heliyon.2024.e28860 , 2024	T. Dippong, M.-A. Resz	3.4

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	situated in the protected area of Tisa, Romania			
53.	Application of Diffusive Gradients in Thin films (DGT) for assessing the heavy metals mobility in soil and prediction of their transfer to <i>Russula virescens</i>	Science of the Total Environment, nr. 168591, https://doi.org/10.1016/j.scitotenv.2023.168591 , 2023	M. Senila, M.-A. Resz, L. Senila, I. Torok	8.2
54.	Comparative analysis of vitamin, mineral content, and antioxidant capacity in cereals and legumes and influence of thermal process	Plants-Basel, nr. 1037, https://doi.org/10.3390/plants13071037 , 2024	C. Moisa, A. M Brata, I. C. Muresan, F. Dragan, I. Ratiu, O. Cadar, A. Becze, M. Carbunar, V. D. Brata, A. C. Teusdea	4
55.	Nutritional composition and health risk of toxic metals of some edible wild mushrooms growing in a mining area of Apuseni Mountains, Western Carpathians	Journal of Food Composition and Analysis, nr. 106061, https://doi.org/10.1016/j.jfca.2024.106061 , 2024	M. Senila, M.-A. Resz, I. Torok, L. Senila	4
56.	Diffusive Gradients in Thin-films as passive sampling tool for the measurement of labile species in fractionation analysis of metals (Fe, Mn, Cu, Zn and Pb) in beer	Microchemical Journal, nr. 110195, https://doi.org/10.1016/j.microc.2024.110195 , 2024	M. Senila, O. Cadar, T. Frentiu, L. Senila, S.B. Angyus	4.9
57.	Effect of Ca ²⁺ doping and annealing temperature on the structure, morphology and magnetic behavior of CaxCo1-xFe2O4/SiO2 nanocomposite	Results in Physics, nr. 107306, https://doi.org/10.1016/j.rinp.2023.107306 , 2024	T. Dippong, I. Petean, I. G. Deac, E. A. Levei, O. Cadar	4.4
58.	Organochlorine pesticides in dairy cows' diet and the carryover into milk in NW Romania	Sustainability, nr. 434, https://doi.org/10.3390/su16010434 , 2024	M. Miclean, E. A. Levei, O. Cadar	3.3
59.	Modification of natural zeolites and their applications for heavy metal removal from	Heliyon, nr. e25303, https://doi.org/10.1016/j.heliyon.2024.e25303 , 2024	M. Senila, O. Cadar	3.4

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	polluted environments: Challenges, recent advances, and perspectives	2024		
60.	Influence of Fish Species and Wood Type on Polycyclic Aromatic Hydrocarbons Contamination in Smoked Fish Meat	Foods, nr. 1790, https://doi.org/10.3390/foods13121790 , 2024	R.-L. Savin, D. Ladoși, I. Ladoși, T. Păpuc, A. Becze, O. Cadar, I. Torök, D. Simedru, Ș.C. Mariș, A. Coroian	4.7
61.	Validation of microwave acid digestion, diffusive gradients in thin-film preconcentration and inductively coupled plasma optical emission spectrometry methodology for the determination of REEs in natural zeolites	ANALYTICAL METHODS, pp. 4807-4816, https://doi.org/10.1039/D4AY00745J , 2024	M. Senila, E. Levei, L. Senila, O. Cadar	2.7
62.	Influence of La ³⁺ substitution on the structure, morphology and magnetic properties of CoLa _x Fe _{2-x} O ₄ @SiO ₂ nanocomposites	Journal of Alloys and Compounds, nr. 172998, https://doi.org/10.1016/j.jallcom.2023.172998 , 2024	T. Dippong, O. Cadar, I. G. Deac, I. Petean, E.A. Levei, D. Simedru	5.8
63.	Spatial variability and hydro/geochemical profiling of the elemental composition of mineral deposits and drip water from caves using unsupervised chemometric modelling	Chemical Geology, nr. 121903, https://doi.org/10.1016/j.chemgeo.2023.121903 , 2024	A. I. Torok, D. Casoni, M. Senila, C. Tanaselia, E. Covaci, M.A. Hoaghia, E. Neag, O. Cadar, E. A. Levei, R. Arghir, O.T. Moldovan, S. Constantin, T. Frentiu	3.6
64.	Assessment of the contribution of residential waste burning to ambient PM ₁₀ concentrations in Hungary and Romania	Atmospheric Chemistry and Physics, pp. 1659-1671, https://doi.org/10.5194/acp-24-1659-2024 , 2024	A. Hoffer, A. Meiramova, A. Tóth, B. Jancsek-Turóczi, Gy. Kiss, Á. Rostási, E. A. Levei, L. Marmureanu, A. Machon, A. Gelencsér	5.2
65.	Assessing microbiological and heavy metal pollution in surface waters associated with potential human health risk assessment at fish ingestion exposure	Journal of Hazardous Materials, nr. 135187, https://doi.org/10.1016/j.jhazmat.2024.135187 , 2024	T. Dippong, M.A. Resz, C. Tanaselia, O. Cadar	12.2

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66.	Large Enhancement of Photoluminescence Obtained in Thin Polyfluorene Films of Optimized Microstructure	POLYMERS, nr. 2278, https://doi.org/10.3390/polym16162278 , 2024	O. Todor-Boer, C. Farcau, I. Botiz	4.7
67.	Chemical and Physical Characterization of Three Oxidic Lithological Materials for Water Treatment	Sustainability , nr. 7902, https://doi.org/10.3390/su16187902 , 2024	J.G. Prato, F. Millán, M. Senila, E.A. Levei, C. Tănăsolia, L.C. González, A.C. Ríos, L. Sagñay Yasaca, G.E. Dávalos	3.3
68.	Evaluation of Biochemical Methane Potential and Kinetics of Organic Waste Streams for Enhanced Biogas Production	Agronomy-Basel, nr. 2546, https://doi.org/10.3390/agronomy14112546 , 2024	R.L. Lizcano, L. Senila, O.C. Modoi	3.3
69.	The Adsorption of Arsenate and Arsenite Ions on Oxidic Substrates Prepared with a Variable-Charge Lithological Material	Materials, nr. 5544, https://doi.org/10.3390/ma17225544 , 2024	X. Ren, E. Wang, F. Millán, J.G. Prato, M. Senilă, A.E. Márquez, Chacón, L.C. González, G.P. Santillán Lima, C. Silva Padilla	3.1
70.	Restructuring the Basic Design of Several Accelerator-Based Concrete Mixes by Integrating Superplasticizers	Materials, nr. 5582, https://doi.org/10.3390/ma17225582 , 2024	A.F. Simedru, O. Cadar, A. Becze, D. Simedru	3.1
71.	Editorial: Trends and challenges in plant biomonitoring, bioremediation and biomining	Frontiers in Plant Science, nr. 1486752, 10.3389/fpls.2024.1486752 , 2024	R. Kalendar, E. Levei, O. Cadar, M. Senila	4.1
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