

## 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.                                     | A comprehensive approach to the chemistry, pollution impact and risk assessment of drinking water sources in a former industrialized area of Romania | Water, nr. 1180, <a href="https://doi.org/10.3390/w15061180">https://doi.org/10.3390/w15061180</a> , 2023                                               | M.-A.Resz, C. Roman, M. Senila, A. I. Torok, E. Kovacs                                                                                                                                                                                  | 3.4 |
| 2.                                     | A hyperspectral index-based approach for in vivo automatic detection of skin tumors from hyperspectral images                                        | Balneo and PRM Research Journal, nr. 4, pp. 640, <a href="https://doi.org/10.12680/balneo.2023.640">https://doi.org/10.12680/balneo.2023.640</a> , 2023 | Mihaela Antonina Calin, Dragos Manea, Andrei Dumitrescu, Sorin Viorel Parasca                                                                                                                                                           | 1.5 |
| 3.                                     | A Multi-Analytical Study of a 17th-Century Wallachian Icon Depicting the Mother of God with Child                                                    | Heritage, nr. 10, pp. 6931-6948, <a href="https://doi.org/10.3390/heritage6100362">https://doi.org/10.3390/heritage6100362</a> , 2023                   | L. Ratoiu, S. Serafima, I.M. Cortea, O.G. Dului                                                                                                                                                                                         | 1.7 |
| 4.                                     | A multi-year analysis of aerosol properties using the calibrated multi-wavelength polarisation lidar in Magurele                                     | Journal of Optoelectronics and Advanced Materials, nr. 3-4, pp. 176-190, ISSN 1841 - 7132 - Online, 2023                                                | V. NICOLAE, L. BELEGANTE, J. VASILESCU, A. NEMUC, F. TOANCA, O. G. TUDOSE, C. RADU, D. NICOLAE                                                                                                                                          | 0.5 |
| 5.                                     | A Nanocomposite Sol-Gel Film Based on PbS Quantum Dots Embedded into an Amorphous Host Inorganic Matrix                                              | Materials, nr. 22, pp. 1-14, <a href="https://doi.org/10.3390/ma16227105">10.3390/ma16227105</a> , 2023                                                 | Mihail Elisa, Bogdan Alexandru Sava , Mihai Eftimie, Adrian Ionut Nicoara, Ileana Cristina Vasiliu, Madalin Ion Rusu, Cristina Bartha, Monica Enculescu, Andrei Cristian Kuncser , Mihai Oane , César Elosúa Aguado, Diego López-Torres | 3.4 |
| 6.                                     | A Novel Nanoporous Adsorbent for Pesticides Obtained from Biogenic Calcium Carbonate Derived from Waste Crab Shells                                  | NANOMATERIALS, nr. 3042, <a href="https://doi.org/10.3390/nano13233042">https://doi.org/10.3390/nano13233042</a> , 2023                                 | F. Nekvapil, A. Stegarescu, I. Lung, R. Hirian, D. Cosma, E. Levei, M.L. Soran                                                                                                                                                          | 5.3 |

| Nr crt | TITLUL                                                                                                                                                                                                             | REVISTA                                                                                                                                                          | AUTORII                                                                                                                                | FI  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----|
| 7.     | A Strategy for Tuning the Structure, Morphology, and Magnetic Properties of MnFe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> Ceramic Nanocomposites via Mono-, Di-, and Trivalent Metal Ion Doping and Annealing | NANOMATERIALS, nr. 2129,<br><a href="https://doi.org/10.3390/nano13142129">https://doi.org/10.3390/nano13142129</a> , 2023                                       | T. Dippong, E.A. Levei, I. Petean, I.G. Deac, O. Cadar                                                                                 | 5.3 |
| 8.     | A Web-Based Platform for 3D Visualization of Multimodal Imaging Data in Cultural Heritage Asset Documentation                                                                                                      | Heritage, nr. 12, pp. 7381-7399,<br><a href="https://doi.org/10.3390/heritage6120387">https://doi.org/10.3390/heritage6120387</a> , 2023                         | L.M. Angheluță, A.I. Popovici, L.C. Ratoiu                                                                                             | 1.7 |
| 9.     | Activated natural zeolites for beer filtration: A pilot scale approach                                                                                                                                             | Heliyon, nr. e20031,<br><a href="https://doi.org/10.1016/j.heliyon.2023.e20031">https://doi.org/10.1016/j.heliyon.2023.e20031</a> , 2023                         | M. Senila, T.E. Coldea, L. Senila, E. Mudura, O. Cadar                                                                                 | 4   |
| 10.    | Advances in Biodiesel Production from Microalgae                                                                                                                                                                   | Energies , nr. 1129,<br><a href="https://doi.org/10.3390/en16031129">https://doi.org/10.3390/en16031129</a> , 2023                                               | E. Neag, Z. Stupar, S. A. Maicaneanu, C. Roman                                                                                         | 3.2 |
| 11.    | Agricultural platform equipped with a hydrostatic transmission capable of continuously adjustable travel velocity and non-linear disturbance compensation capabilities                                             | INMATEH-Agricultural Engineering, nr. 1, pp. 427-436, eISSN 2068 – 2239, 2023                                                                                    | Alexandru-Polifron Chiriță, Cristian Pavel                                                                                             | 0.7 |
| 12.    | Aspects concerning laser cleaning of contemporary mural paintings                                                                                                                                                  | ROMANIAN JOURNAL OF PHYSICS, pp. 905, 1221-146X, 2023                                                                                                            | R. Rădvan, M. Dinu, L.C. Ratoiu, M.C Stancu                                                                                            | 1.5 |
| 13.    | Assessment of mercury bioavailability in garden soils around a former nonferrous metal mining area using DGT, accumulation in vegetables, and implications for health risk                                         | Environmental Monitoring and Assessment, nr. 1554,<br><a href="https://doi.org/10.1007/s10661-023-12144-2">https://doi.org/10.1007/s10661-023-12144-2</a> , 2023 | M. Senila, E.A. Levei, T. Frentiu, C. Mihali, S.B. Angyus                                                                              | 3   |
| 14.    | Assessment of Microstructural, Mechanical and Electrochemical Properties of Ti-42Nb Alloy Manufactured by                                                                                                          | Materials, pp. 1-25,<br><a href="https://doi.org/10.3390/ma16134821">10.3390/ma16134821</a> , 2023                                                               | M. Kozadaeva, M. Surmeneva, D. Khrapov, V. Rybakov, R. Surmenev, A. Koptug, A. Vladescu (Dragomir), C.M. Cotrut, A. Tyurin, I. Grubova | 3.4 |

| Nr crt | TITLUL                                                                                                                                  | REVISTA                                                                                                               | AUTORII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FI  |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | Electron Beam Melting                                                                                                                   |                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |
| 15.    | Bioglass and Vitamin D3 Coatings for Titanium Implants: Osseointegration and Corrosion Protection                                       | Biomedicines, pp. 1-16, 10.3390/biomedicines11102772, 2023                                                            | I. Negut, G. Gradisteanu-Pircalabioru, M. Dinu, B. Bitu, A.C. Parau, V. Grumezescu, C. Ristoscu, M.C. Chifiriuc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4.7 |
| 16.    | Characterization of sterile mining dumps by the ICP-OES analytical method: a case study from Baia Mare mining area (Maramures, Romania) | Sustainability , nr. 1158, <a href="https://doi.org/10.3390/su15021158">https://doi.org/10.3390/su15021158</a> , 2023 | I.A. Petrean, V. Micle, I.M. Sur, M. Senila                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3.9 |
| 17.    | Chemical Analysis of Various Tea Samples Concerning Volatile Compounds, Fatty Acids, Minerals and Assessment of Their Thermal Behavior  | Foods, nr. 3063, <a href="https://doi.org/10.3390/foods12163063">https://doi.org/10.3390/foods12163063</a> , 2023     | T. Dippong, O. Cadar, M.H. Kovacs, M.Dan, L. Senila                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.2 |
| 18.    | Combined sun-photometer-lidar inversion: lessons learned during the EARLINET/ACTRIS COVID-19 campaign                                   | ATMOSPHERIC MEASUREMENT TECHNIQUES, nr. 24, pp. 6025-6050, 1867-1381 10.5194/amt-16-6025-2023, 2023                   | Tsekeri, A; Gialitaki, A; Di Paolantonio, M; Dionisi, D; Liberti, GL; Fernandes, A; Szkop, A; Pietruczuk, A; Pérez-Ramírez, D; Muñoz, MJG; Guerrero-Rascado, JL; Alados-Arboledas, L; Pantaleón, DB; Bravo-Aranda, JA; Kampouri, A; Marinou, E; Amiridis, V; Sicard, M; Comerón, A; Muñoz-Porcar, C; Rodríguez-Gómez, A; Romano, S; Perrone, MR; Shang, XX; Komppula, M; Mamouri, RE; Nisantzi, A; Hadjimitsis, D; Navas-Guzmán, F; Haefele, A; Szczepanik, D; Tomczak, A; Stachlewska, IS; Belegante, L; Nicolae, D; Voudouri, KA; Balis, D; Floutsi, AA; Baars, H; Miladi, L; Pascal, N; Dubovik, O; Lopatin, A | 3.8 |
| 19.    | Comparative Analysis of Composition and Porosity of the Biogenic Powder Obtained from Wasted Crustacean                                 | Water, nr. 2591, <a href="https://doi.org/10.3390/w15142591">https://doi.org/10.3390/w15142591</a> , 2023             | F. Nekvapil, M. Mihet, G. Lazar, S. Cînta Pinzaru, A. Gavrilovic, A. Ciorîta, E. Levei, T. Tamas, M.L. Soran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.4 |

| Nr crt | TITLUL                                                                                                                                                                                       | REVISTA                                                                                                                                                                               | AUTORII                                                                                                                          | FI  |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----|
|        | Exoskeletonsafter Carotenoids Extraction for the Blue Bioeconomy                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                  |     |
| 20.    | Comparative analysis of denoising techniques in burn depth discrimination from burn hyperspectral images                                                                                     | Journal of Biophotonics, 10.1002/jbio.202200374J. Biophotonics.2023;16:e202200374.www.biophotonics-journal.org© 2023 Wiley-VCH GmbH.1of11https://doi.org/10.1002/jbio.202200374, 2023 | Mihaela Antonina Calin, Radu Robert Piticescu, Sorin Viorel Parasca                                                              | 2.8 |
| 21.    | COMPARATIVE STUDY OF TWO COMMERCIAL STONEWARE PASTES FOR PLASTIC SHAPING BY POTTERY WHEEL                                                                                                    | STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, nr. 1, pp. 91-104, doi:10.24193/subbchem.2023.1.07, 2023                                                                                    | R. Barabas, O. Cadar, L. Bizo                                                                                                    | 0.3 |
| 22.    | Comparison of 316L and Ti6Al4V biomaterial coated by ZrCu-based thin films metallic glasses: Structure, morphology, wettability, protein adsorption, corrosion resistance, biomineralization | APPLIED SURFACE SCIENCE, nr. 1, pp. 1-16, 10.1016/j.apsusc.2022.155800, 2023                                                                                                          | A.C. Parau, G.A. Juravlea, J. Raczowska, C. Vitelaru, M. Dinu, K. Awsiuk, D.M. Vranceanu, E. Ungureanu, C.M. Cotrut, A. Vladescu | 6.7 |
| 23.    | Complex Evaluation of Storage Impact on Maize (Zea mays L.) Quality Using Chromatographic Methods                                                                                            | Separations, vol. 10(7), nr. 412, https://doi.org/10.3390/separations10070412, 2023                                                                                                   | C. Topan, M. Nicolescu, D. Simedru, A. Becze                                                                                     | 2.6 |
| 24.    | Complex Profiling of Roasted Coffee Based on Origin and Production Scale                                                                                                                     | Agriculture-BASEL, nr. 1146, https://doi.org/10.3390/agriculture13061146, 2023                                                                                                        | D. Simedru, A. Becze                                                                                                             | 3.6 |
| 25.    | CONTENT OF POLYCYCLIC AROMATIC HYDROCARBONS IN FISH AFTER HEAT TREATMENT                                                                                                                     | SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, nr. 2, pp. 532-537, 2285-5750, 2023                                                                                                        | Mastan, OA; Coroian, A; Longodor, AL; Marls, S; Becze, A; Torodoc, A; Damian, A                                                  | 0.3 |
| 26.    | Correlation between structure, morphology and magnetic properties in ZnxCo0.8-xNi0.2Fe2O4@SiO2 (0.1÷0.7) nanocomposites                                                                      | Journal of Alloys and Compounds, nr. 168503, https://doi.org/10.1016/j.jallcom.2022.168503, 2023                                                                                      | T. Dippong, E.A. Levei, O. Cadar                                                                                                 | 6.2 |

| Nr crt | TITLUL                                                                                                                                        | REVISTA                                                                                                                                                            | AUTORII                                                                                                                                                                                                             | FI   |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 27.    | Correlations between chemical, hydrological and biotic factors in rivers from the protected area of Tisa Superioara, Romania                  | Process Safety and Environmental Protection, pp. 40-55, <a href="https://doi.org/10.1016/j.psep.2023.06.002">https://doi.org/10.1016/j.psep.2023.06.002</a> , 2023 | T. Dippong, C. Mihali, M. Marian, O. Mare Rosca, M.-A. Resz                                                                                                                                                         | 7.8  |
| 28.    | Crystallization of Poly(ethylene oxide)-Based Triblock Copolymers in Films Swollen-Rich in Solvent Vapors                                     | COATINGS, nr. 5, 10.3390/coatings13050918, 2023                                                                                                                    | Babutan, I; Todor-Boer, O; Atanase, LI; Vulpoi, A; Botiz, I                                                                                                                                                         | 3.4  |
| 29.    | Curcumin and whey protein concentrate binding: Thermodynamic and structural approach                                                          | Food Hydrocolloids, nr. 108547, <a href="https://doi.org/10.1016/j.foodhyd.2023.108547">https://doi.org/10.1016/j.foodhyd.2023.108547</a> , 2023                   | C.-P. Racz, L. Z. Racz, C. G. Floare, G. Tomoaia, O. Horovitz, S. Riga, I. Kacso, G. Borodi, M. Sarkozi, A. Mocanu, C. Roman, M. Tomoaia-Cotisel                                                                    | 10.7 |
| 30.    | Current data regarding homeostasis of tissues oxygenation in pathophysiological and therapeutic circumstances                                 | Balneo and PRM Research Journal, nr. 2, pp. 565, <a href="https://doi.org/10.12680/balneo.2023.565">https://doi.org/10.12680/balneo.2023.565</a> , 2023            | Constantin Munteanu, Mihaela Antonina Călin, Dragoș Manea, Cristina Popescu, Mădălina Iliescu, Elena Valentina Ionescu, Liliana Stanciu, Mihaela Minea, Carmen Oprea, Doinița Oprea, Mariana Rotariu and Gelu Onose | 1.5  |
| 31.    | Designing New Sport Supplements Based on Aronia melanocarpa and Bee Pollen to Enhance Antioxidant Capacity and Nutritional Value              | Molecules, nr. 6944, <a href="https://doi.org/10.3390/molecules28196944">https://doi.org/10.3390/molecules28196944</a> , 2023                                      | A. Tirla, A.V. Timar, A. Becze, A.R. Memete, S.I. Vicas, M.S. Popoviciu, S. Cavalu                                                                                                                                  | 4.6  |
| 32.    | Developing Innovative Cement Composites Containing Vine Shoot Waste and Superplasticizers                                                     | Materials, nr. 5313, <a href="https://doi.org/10.3390/Ma16155313">https://doi.org/10.3390/Ma16155313</a> , 2023                                                    | D.A. Scurtu, L. David, E.A. Levei, D. Simedru, X. Filip, C.Roman, O. Cadar                                                                                                                                          | 3.4  |
| 33.    | Diversity, distribution and organic substrates preferences of microbial communities of a low anthropic activity cave in North-Western Romania | Frontiers in Microbiology, nr. 962452, <a href="https://doi.org/10.3389/fmicb.2023.962452">https://doi.org/10.3389/fmicb.2023.962452</a> , 2023                    | D.F. Bogdan, A. I. Baricz, I. Chiciudean, P.-A. Bulzu, A. Cristea, R. Năstase-Bucur, E.A. Levei, O. Cadar, C. Sitar, H. L. Banciu, O. T. Moldovan                                                                   | 5.2  |
| 34.    | Effect of Deposition Temperature on the                                                                                                       | Coatings, pp. 1-18, 10.3390/coatings1303059                                                                                                                        | A.C. Parau, M. Dinu, C.M. Cotrut, I. Pana, D.M.                                                                                                                                                                     | 3.4  |

| Nr crt | TITLUL                                                                                                                                                                            | REVISTA                                                                                        | AUTORII                                                                                                                                                                                                        | FI  |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | Structure, Mechanical, Electrochemical Evaluation, Degradation Rate and Peptides Adhesion of Mg and Si-Doped Hydroxyapatite Deposited on AZ31B Alloy                              | 1, 2023                                                                                        | Vranceanu, L.R. Constantin, G. Serratore, I.M. Marinescu, C. Vitelaru, G. Ambrogio, D.A. Bohner, A.G. Beck-Sickinger, A. Vladescu (Dragomir),                                                                  |     |
| 35.    | Effect of P2O5 Content on Luminescence of Reduced Graphene-Oxide-Doped ZnO-P2O5 Nano-Structured Films Prepared via the Sol-Gel Method                                             | Materials, nr. 18, pp. 1-14, 10.3390/ma16186156, 2023                                          | Ileana Cristina Vasiliu, Ana Violeta Filip , Irinela Chilibon , Mihail Elisa, Cristina Bartha, Victor Kuncser, Aurel Leca, Lucica Boroica, Bogdan Alexandru Sava, Roxana Trusca, Mihai Eftimie, Adrian Nicoara | 3.4 |
| 36.    | Effect of Si and Nb additions on carbonitride coatings under proton irradiation: A comprehensive analysis of structural, mechanical, corrosion, and neutron activation properties | NUCLEAR MATERIALS AND ENERGY, pp. 101457, 10.1016/j.nme.2023.101457, 2023                      | A. Vladescu (Dragomir), M.N. Mirzayev, A.S. Abiyev, A.G. Asadov, E. Demir, K.M. Hasanov, R.S. Isayev, A.S. Doroshkevich, S.H. Jabarov, Sv. Lyubchyk, S. Lyubchyk, E.P. Popov                                   | 2.6 |
| 37.    | Effect of the back contact electrode on the performances of the ultra-thin photovoltaic cells based on the CdS/CdTe heterojunction                                                | Chalcogenide Letters, nr. 12, pp. 871-882, 10.15251/CL.2023.2012.871, 2023                     | A.M. Raduta, A.M. Panaitescu, A. Radu, L. Ion, V.A. Antohe, O. Toma, S. Iftimie, S. Antohe                                                                                                                     | 1   |
| 38.    | Effect of the C/N ratio modification on the corrosion behavior and performance of carbonitride coatings prepared by cathodic arc deposition                                       | Journal of Materials Research and Technology , pp. 1724-1738, 10.1016/j.jmrt.2023.09.318, 2023 | M.N. Mirzayev, K.M. Hasanov, A.C. Parau, E. Demir, A.S. Abiyev, T. Karaman, S.H. Jabarov, M. Dinu, E.P. Popov, A. Vladescu (Dragomir),                                                                         | 6.4 |
| 39.    | Effects of Film Thickness of ALD-Deposited Al2O3, ZrO2 and HfO2 Nano-Layers on the Corrosion Resistance of Ti(N,O)-Coated Stainless Steel                                         | Materials, pp. 1-21, 10.3390/ma16052007, 2023                                                  | M. Dinu, K. Wang, E.S.M. Mouele, A.C. Parau, A. Vladescu (Dragomir), X. Liang, V. Braic, L.F. Petrik, M. Braic                                                                                                 | 3.4 |
| 40.    | Ellipsometric characterization of tungsten oxide thin films, before and after He                                                                                                  | Optoelectronics and Advanced Materials- Rapid Communications, nr. 3, pp. 159-164, 1842-        | M. I. Rusu, Y. Addab, C. Martin, C. Pardanaud, V. Savu, I. I. Lancranjan                                                                                                                                       | 0.5 |

| Nr crt | TITLUL                                                                                                                                               | REVISTA                                                                                                                                                      | AUTORII                                                                                                                                                                                                                                          | FI  |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | plasma exposure                                                                                                                                      | 6573, 2023                                                                                                                                                   |                                                                                                                                                                                                                                                  |     |
| 41.    | Environmental Drivers of the Moonmilk Microbiome Diversity in Some Temperate and Tropical Caves                                                      | Microbial Ecology, pp. 2847-2857, <a href="https://doi.org/10.1007/s00248-023-02286-8">https://doi.org/10.1007/s00248-023-02286-8</a> , 2023                 | M. Theodorescu, R. Bucur, P.A. Bulzu, L. Faur, E.A. Levei, I.C. Mirea, O. Cadar, R.L. Ferreira, M. Souza-Silva, O.T. Moldovan                                                                                                                    | 3.6 |
| 42.    | Experimental research to increase the combustion efficiency in the top-lit updraft principle based gasifier                                          | Energies, nr. 4, pp. 1912-1912, DOI: 10.3390/en16041912, 2023                                                                                                | Ioan Pavel, Radu Iulian Rădoi, Gabriela Matache, Ana-Maria Carla Popescu, Kati Pavel                                                                                                                                                             | 3.2 |
| 43.    | Four-Layer Surface Plasmon Resonance Structures with Amorphous As <sub>2</sub> S <sub>3</sub> Chalcogenide Films: A Review                           | Materials, pp. 1-22, <a href="https://doi.org/10.3390/ma16186110">https://doi.org/10.3390/ma16186110</a> , 2023                                              | A. Popescu, D. Savastu, M. Stafe, N. Puscas,                                                                                                                                                                                                     | 3.4 |
| 44.    | Future changes in heatwaves characteristics in Romania                                                                                               | Theoretical and Applied Climatology, pp. 525-538, <a href="https://doi.org/10.1007/s00704-023-04412-5">https://doi.org/10.1007/s00704-023-04412-5</a> , 2023 | Bogdan Antonescu, Dragos Ene, Mihai Boldeanu, Simona Andrei, Luminita Marmureanu, Cristina Marin, Razvan Pirloaga                                                                                                                                | 3.4 |
| 45.    | Generation of Hybrid Lead Halide CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> -xCl <sub>x</sub> Perovskite Crystals via Convective Self-Assembly | Coatings, vol. 13(6), nr. 1130, 10.3390/coatings13061130, 2023                                                                                               | I. Petrovai, O. Todor-Boer, A. Vulpoi, L. David, I. Botiz                                                                                                                                                                                        | 3.4 |
| 46.    | Graphene oxide- borophosphate glass nano-composite thin films synthesized by sol-gel spin coating method                                             | JOURNAL OF NON-CRYSTALLINE SOLIDS, pp. 1-10, 10.1016/j.jnoncrysol.2023.122372, 2023                                                                          | Ana Violeta Filip, Alexandra Maria Isabel Trefilov, Lucica Boroica, Marius Catalin Dinca, Mihail Elisa, Ileana Cristina Vasiliu, Nicolae Tigau, Simona Brajnicov, Marius Dumitru, Catalin Luculescu, Oana Gherasim (Fufa), Bogdan Alexandru Sava | 3.5 |
| 47.    | Ground-Based Measurements of Wind and Turbulence at Bucharest–Magurele: First Results                                                                | Remote Sensing, nr. 6, pp. 1514, 10.3390/rs15061514, 2023                                                                                                    | Razvan Pîrloaga, Mariana Adam, Bogdan Antonescu, Simona Andrei and Sabina Stefan                                                                                                                                                                 | 5   |
| 48.    | Growth of Hybrid Perovskite Crystals from CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> -xCl <sub>x</sub>                                         | Materials, nr. 2625, <a href="https://doi.org/10.3390/ma16072625">https://doi.org/10.3390/ma16072625</a> , 2023                                              | I. Petrovai, O. Todor-Boer, L. David, I. Botiz                                                                                                                                                                                                   | 3.4 |

| Nr crt | TITLUL                                                                                                                    | REVISTA                                                                                                                                    | AUTORII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FI  |
|--------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | Solutions Subjected to Constant Solvent Evaporation Rates                                                                 |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |
| 49.    | High potential for CH4 emission mitigation from oil infrastructure in one of EU's major production regions                | Atmospheric Chemistry and Physics, nr. 18, pp. 10399-10412, 10.5194/acp-23-10399-2023, 2023                                                | F. Stavropoulou, K. Vinkovic, B. Kers, M. de Vries, S. van Heuven, P. Korben, M. Schmidt, J. Wietzel, P. Jagoda, J.M. Necki, J. Bartyzel, H. Maazallahi, M. Menoud, C. van der Veen, S. Walter, B. Tuzson, J. Ravelid, R.P. Morales, L. Emmenegger, D. Brunner, M. Steiner, A. Hensen, I. Velzeboer, P. van den Bulk, H.D. van der Gon, A. Delre, M.E. Edjabou, C. Scheutz, M. Corbu, S. Iancu, D. Moaca, A. Scarlat, A. Tudor, I. Vizireanu, A. Calcan, M. Ardelean, S. Ghemulet, A. Pana, A. Constantinescu, L. Cusa, A. Nica, C. Baciuc, C. Pop, A. Radovici, A. Mereuta, H. Stefanie, A. Dandocsi, B. Hermans, S. Schwietzke, D. Zavala-Araiza, H. Chen, T. Rockmann | 6.3 |
| 50.    | Immunomodulatory Effect of Novel Electrospun Nanofibers Loaded with Doxycycline as an Adjuvant Treatment in Periodontitis | Pharmaceutics , nr. 707, <a href="https://doi.org/10.3390/pharmaceutics15020707">https://doi.org/10.3390/pharmaceutics15020707</a> , 2023  | V. Andrei, S. Andrei, A.F. Gal, V. Rus, L.M. Gherman, B.A. Bosca, M. Niculae , R. Barabas, O. Cadar, E. Dinte, D.M. Muntean, C. P. Pestean, H. Rotar, A. Boca, A. Chis, M. Tăut, S. Candrea, A. Ilea                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.4 |
| 51.    | Impact of low lithium concentrations on the fatty acids and elemental composition of Salvinia natans                      | Molecules, vol. 28(14), nr. 5347, <a href="https://doi.org/10.3390/molecules28145347">https://doi.org/10.3390/molecules28145347</a> , 2023 | A.I. Torok, A. Moldovan, L. Senila, E. Kovacs, M.A. Resz, M. Senila, O. Cadar, C. Tanaselia, E.A. Levei                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.6 |
| 52.    | In Vitro and In Vivo Characterisation of a Mucoadhesive Buccal Film Loaded with                                           | Pharmaceutics , nr. 580, <a href="https://doi.org/10.3390/pharmaceutics1502058">https://doi.org/10.3390/pharmaceutics1502058</a> , 2023    | E. Dinte, D.M. Muntean, V. Andrei, B.A. Boşca, C.M. Dudescu, L. Barbu-Tudoran, G. Borodi, S.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5.4 |



| Nr crt | TITLUL                                                                                                                                                                                                      | REVISTA                                                                                                       | AUTORII                                                                                                                                                            | FI  |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | Doxycycline Hyclate for Topical Application in Periodontitis                                                                                                                                                |                                                                                                               | Andrei, A.F. Gal, V. Rus, L.M. Gherman, O. Cadar, R. Barabas, M. Niculae, A. Ilea                                                                                  |     |
| 53.    | In vitro cytotoxicity, corrosion and antibacterial efficiencies of Zn doped hydroxyapatite coated Ti based implant materials                                                                                | Ceramics International, pp. 12570-12584, doi.org/10.1016/j.ceramint.2022.12.119, 2023                         | S. Buyuksungur, P.Y. Huri, J. Schmidt, I. Pana, M. Dinu, C. Vitelaru, A.E. Kiss, D.G. Tamay, V. Hasirci, A. Vladescu, N. Hasirci                                   | 5.2 |
| 54.    | In Vitro Evaluation of Ag- and Sr-Doped Hydroxyapatite Coatings for Medical Applications                                                                                                                    | Materials, pp. 1-28, 10.3390/ma16155428, 2023                                                                 | E. Ungureanu, A. Vladescu (Dragomir), A.C. Parau, V. Mitran, A. Cimpean, M. Tarcolea, D.M. Vranceanu, C.M. Cotrut, Materials                                       | 3.4 |
| 55.    | In Vitro Studies Demonstrate Antitumor Activity of Vanadium Ions from a CaO-P2O5-CaF2:V2O5 Glass System in Human Cancer Cell Lines A375, A2780, and Caco-2                                                  | International Journal of Molecular Sciences, vol. 24(2), nr. 1149, https://doi.org/10.3390/ijms24021149, 2023 | C. Lujerdean, M. Zăhan, D. S. Dezmirean, R. Ștefan, D. Simedru, G. Damian, N. S. Vedeau                                                                            | 5.6 |
| 56.    | Influence of deposition temperature on the structure and functional properties of Mg doped hydroxyapatite coatings deposited on manufactured AZ31B alloy substrates by RF magnetron sputtering              | Ceramics International, pp. 22340-22354, 10.1016/j.ceramint.2023.04.064, 2023                                 | I. Pana, A.C. Parau, C.M. Cotrut, M. Dinu, D.M. Vranceanu, A. Kiss, G. Serratore, D. Bohner, C. Vitelaru, G. Ambrogio, A.G. Beck-Sickinger, A. Vladescu (Dragomir) | 5.2 |
| 57.    | Influence of Ni <sup>2+</sup> -substitution by Co <sup>2+</sup> on the morphology and magnetic properties of single domain Co <sub>0.9</sub> Ni <sub>0.1</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles | Journal of Alloys and Compounds, nr. 170074, https://doi.org/10.1016/j.jallcom.2023.170074, 2023              | T. Dippong, O. Cadar, I.G. Deac, L.B. Tudoran, E.A. Levei                                                                                                          | 6.2 |
| 58.    | Influence of SiO <sub>2</sub> Embedding on the Structure, Morphology, Thermal, and Magnetic Properties of Co <sub>0.4</sub> Zn <sub>0.4</sub> Ni <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> Particles    | NANOMATERIALS, nr. 527, https://doi.org/10.3390/nano13030527, 2023                                            | T. Dippong, E.A. Levei, I.G. Deac, M.D. Lazar, O. Cadar                                                                                                            | 5.3 |
| 59.    | Influence of the seed of                                                                                                                                                                                    | iScience, nr. 12, pp. 1-13,                                                                                   | Marina Cuzminschi, Alexei                                                                                                                                          | 5.8 |

| Nr crt | TITLUL                                                                                                                                                                                                                                                                                                         | REVISTA                                                                                                                                                                | AUTORII                                                                                                                                                              | FI  |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | measurement on the work extracted in a quantum Szilard engine                                                                                                                                                                                                                                                  | 10.1016/j.isci.2023.108563, 2023                                                                                                                                       | Zubarev, Stefan-Marian Iordache, Aurelian Isar                                                                                                                       |     |
| 60.    | INFRA-ART: An open access spectral library of art-related materials as a digital support tool for cultural heritage science                                                                                                                                                                                    | ACM Journal on Computing and Cultural Heritage, nr. 2, <a href="https://doi.org/10.1145/3593427">https://doi.org/10.1145/3593427</a> , 2023                            | I.M. Cortea, A. Chiroșca, L.M. Angheluță, G. Seritan                                                                                                                 | 2.4 |
| 61.    | In-situ diffusive gradients in thin-films passive sampling coupled with ex-situ small-sized electrothermal vaporization capacitively coupled plasma microtorch optical emission spectrometry as green and white method for the simultaneous determination of labile species of toxic elements in surface water | Talanta, nr. 124551, <a href="https://doi.org/10.1016/j.talanta.2023.124551">https://doi.org/10.1016/j.talanta.2023.124551</a> , 2023                                  | S.B. Angyus, M. Senila, T. Frentiu, M. Ponta, M. Frentiu, E. Covaci                                                                                                  | 6.1 |
| 62.    | Investigation of Sterile Mining Dumps Resulting from Ore Exploitation and Processing in Maramures County, Romania                                                                                                                                                                                              | Land, nr. 445, <a href="https://doi.org/10.3390/land12020445">https://doi.org/10.3390/land12020445</a> , 2023                                                          | I.A. Petrean, V. Micle, M. Senila                                                                                                                                    | 3.9 |
| 63.    | Karst spring microbiome: Diversity, core taxa, and community response to pathogens and antibiotic resistance gene contamination                                                                                                                                                                                | SCIENCE OF THE TOTAL ENVIRONMENT, nr. 165133, <a href="http://dx.doi.org/10.1016/j.scitotenv.2023.165133">http://dx.doi.org/10.1016/j.scitotenv.2023.165133</a> , 2023 | E. Szekeres, A. Baricz, A. Cristea, E. A. Levei, Z. Stupar, T. Brad, M. Kenesz, O. T. Moldovan, H. L. Banciu                                                         | 9.8 |
| 64.    | Land use impact on the levels of fluorescent dissolved organic matter, phytoplankton and zooplankton in urban lakes                                                                                                                                                                                            | Elsevier - Limnologica, pp. 1-10, <a href="https://doi.org/10.1016/j.limno.2023.126062">https://doi.org/10.1016/j.limno.2023.126062</a> , 2023                         | Cristina L. Popa, Simona I. Dontu, Elfrida M. Carstea, Ioan-Cristian Ioja, Larisa I. Florescu, Alina C. Dumitrache, Gabriel Vanau, Ana-Maria Popa, Mirela Moldoveanu | 1.7 |
| 65.    | Leveraging additive manufacturing and reverse engineering for circular economy-driven remanufacturing of hydraulic drive system                                                                                                                                                                                | Applied Sciences, nr. 22, pp. 12200-12200, ISSN 2076-3417; DOI: 10.3390/app132212200, 2023                                                                             | Alexandru-Polifron Chiriță, Adriana-Mariana Borș, Radu-Iulian Rădoi, Ionaș-Cătălin Dumitrescu, Ana-Maria Carla Popescu                                               | 2.7 |

| Nr crt | TITLUL                                                                                                                           | REVISTA                                                                                                                                                    | AUTORII                                                                                                                     | FI  |
|--------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----|
|        | components                                                                                                                       |                                                                                                                                                            |                                                                                                                             |     |
| 66.    | Lighting Up the Heritage Sciences: The Past and Future of Laser-Induced Fluorescence Spectroscopy in the Field of Cultural Goods | Chemosensors, nr. 2, pp. 100,<br><a href="https://doi.org/10.3390/chemosensors11020100">https://doi.org/10.3390/chemosensors11020100</a> , 2023            | L. Ghervase, I.M. Cortea                                                                                                    | 4.2 |
| 67.    | Linkage between Airborne Particulate Matter and Viral Pandemic COVID-19 in Bucharest                                             | Microorganisms , nr. 2531, pp. 1-16,<br><a href="https://doi.org/10.3390/microorganisms11102531">https://doi.org/10.3390/microorganisms11102531</a> , 2023 | Maria A. Zoran, Roxana S. Savastru, Dan M. Savastru, Marina N. Tautan, Daniel. V. Tenciu                                    | 4.5 |
| 68.    | Long period grating fibre sensor for detection of impurities infesting smart polymer composites                                  | Composite Structures, <a href="https://doi.org/10.1016/j.compstruct.2023.116877">https://doi.org/10.1016/j.compstruct.2023.116877</a> , 2023               | R. Savastru, S. Miclos, L. Baschir, D. Savastru, I.I. Lancranjan                                                            | 6.3 |
| 69.    | L-poly(lactic acid) production by microwave irradiation of lactic acid obtained from lignocellulosic wastes                      | International Journal of Molecular Sciences, nr. 9817,<br><a href="https://doi.org/10.3390/ijms24129817">https://doi.org/10.3390/ijms24129817</a> , 2023   | L. Senila, O. Cadar, E. Kovacs, E. Gal, M. Dan, Z. Stupar, D. Simedru, M. Senila, C. Roman                                  | 5.6 |
| 70.    | Metal and metalloid monitoring in water by passive sampling - A review                                                           | Reviews in Analytical Chemistry, nr. 1,<br><a href="https://doi.org/10.1515/revac-2023-0065">https://doi.org/10.1515/revac-2023-0065</a> , 2023            | M. Senila                                                                                                                   | 4.3 |
| 71.    | Mobile measurements of black carbon: Comparison of normal traffic with reduced traffic conditions during COVID-19 lock-down      | ATMOSPHERIC ENVIRONMENT, nr. 119594,<br><a href="https://doi.org/10.1016/j.atmosenv.2023.119594">https://doi.org/10.1016/j.atmosenv.2023.119594</a> , 2023 | Martine Van Poppel, Jan Peters, Erika Andrea Levei, Ana Moldovan, Maria-Alexandra Hoaghia, Cerasel Varaticeanu, Jo Van Laer | 5   |
| 72.    | Moss as an indicator of rare earth elements across the area of the volcanogenic deposit in the Allchar Locality, North Macedonia | Air Quality, Atmosphere & Health , pp. 1381-1391,<br><a href="https://doi.org/10.1007/s11869-023-01348-7">10.1007/s11869-023-01348-7</a> , 2023            | K. Bačeva Andonovska, R. Šajn, C. Tănăsolia, T. Stafilov                                                                    | 5.1 |
| 73.    | Multi-Analytical Investigations of the Medieval Turkish Bath from Golesti Open Air Museum                                        | Buildings, nr. 2, pp. 321,<br><a href="https://doi.org/10.3390/buildings13020321">https://doi.org/10.3390/buildings13020321</a> , 2023                     | M. Dinu, L. Ratoiu, R. Rădvan, C. Călin, G. Călin                                                                           | 3.8 |
| 74.    | Neural-Network-Based Time Control for Microwave Oven Heating                                                                     | Energies , nr. 19, pp. 6953-6953, ISSN 1996-1073; DOI:                                                                                                     | Ioan Mihail Savaniu, Alexandru-Polifron Chiriță, Oana Tonciu, Magdalena                                                     | 3.2 |

| Nr crt | TITLUL                                                                                                                               | REVISTA                                                                                                                                                                                          | AUTORII                                                                                                                                              | FI  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | of Food Products Distributed by a Solar-Powered Vending Machine with Energy Management Considerations                                | 10.3390/en16196953, 2023                                                                                                                                                                         | Culcea, Ancuta Neagu                                                                                                                                 |     |
| 75.    | Online timelapse thermography 3D viewer                                                                                              | ROMANIAN JOURNAL OF PHYSICS, pp. 904, 1221-146X, 2023                                                                                                                                            | L.M. Angheluță, A.I. Chelmuș, A.I. Popovici                                                                                                          | 1.5 |
| 76.    | Optimizing and integrating electromechanical actuators in agricultural excavator booms for enhanced efficiency and battery longevity | INMATEH-Agricultural Engineering, nr. 3, pp. 335-344, DOI: 10.35633/inmateh-71-29, 2023                                                                                                          | Ioan Mihail Savaniu, Alexandru-Polifron Chiriță, Ioana Aristia Popovici, Oana Tonciu, Magdalena Culcea, Ancuța Neagu, Robert Blejan, Vasilica Ștefan | 0.7 |
| 77.    | PAHs, Physicochemical and Microbiological Analyses of Trout Processed by Traditional Smoking, in Different Types of Packaging        | Fishes, nr. 424, <a href="https://doi.org/10.3390/fishes8080424">https://doi.org/10.3390/fishes8080424</a> , 2023                                                                                | A. Sava, P. Uiuu, C. Lațiu, D. Cocan, G. Muntean, T. Papuc, A. Ihuț, C. Răducu, A. Becze, C. Craioveanu, C. Munteanu, R. Constantinescu, V. Miresan  | 2.3 |
| 78.    | Peculiar weather patterns effects on air pollution and COVID-19 spread in Tokyo metropolis                                           | ENVIRONMENTAL RESEARCH, pp. 1-23, <a href="https://doi.org/10.1016/j.envres.2023.115907">https://doi.org/10.1016/j.envres.2023.115907</a> , 2023                                                 | Maria A. Zoran, Roxana S. Savastru, Dan M. Savastru, Marina N. Tautan                                                                                | 8.3 |
| 79.    | Periodontal Disease Monitoring by Raman Spectroscopy of Phosphates: New Insights into Pyrophosphate Activity                         | 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                                             | 3.6 |
| 80.    | Phenolic profile of micro- and nano-encapsulated olive leaf extract in biscuits during in vitro gastrointestinal digestion           | FOOD CHEMISTRY, 0308-8146 10.1016/j.foodchem.2023.136778, 2023                                                                                                                                   | Ciont, C; Difonzo, G; Pasqualone, A; Chis, MS; Ranga, F; Szabo, K; Simon, E; Naghiu, A; Barbu-Tudoran, L; Caponio, F; Pop, OL; Vodnar, DC            | 8.8 |
| 81.    | Photonic applications for restoration and conservation of 19th century polychrome religious wooden artworks                          | Coatings, vol. Heritage Conservation and Restoration: Surface Characterization, Cleaning and Treatments, nr. 13(7) , pp. 1235, <a href="https://doi.org/10.3390/c">https://doi.org/10.3390/c</a> | M. Dinu, V. Atanassova, S.R. Polizu, R. Radvan                                                                                                       | 3.4 |

| Nr crt | TITLUL                                                                                                                                | REVISTA                                                                                                                        | AUTORII                                                                                                                                                       | FI    |
|--------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|        |                                                                                                                                       | oatings13071235, 2023                                                                                                          |                                                                                                                                                               |       |
| 82.    | Piezoelectric thin Film Composites with BaTiO <sub>3</sub> for Microelectronics                                                       | MATERIALE PLASTICE, nr. 4, pp. 10-30, 0025-5289 10.37358/MP.23.4.5683, 2023                                                    | Aradoaei, M; Lucaci, AM; Ciobanu, RC; Schreiner, C; Rusu, BG; Hitruc, GE; Aflori, M; Paulet, M; Caramitu, AR; Bors, AM                                        | 0.8   |
| 83.    | Poly(3-hydroxybutyrate) Production from Lignocellulosic Wastes Using Bacillus megaterium ATCC 14581                                   | POLYMERS, nr. 4488, <a href="https://doi.org/10.3390/polym15234488">https://doi.org/10.3390/polym15234488</a> , 2023           | L.Senila, E. Gal, E. Kovacs, O. Cadar, M. Dan, M. Senila, C. Roman                                                                                            | 5     |
| 84.    | Polycyclic Aromatic Hydrocarbons (PAHs) Occurrence in Traditionally Smoked Chicken, Turkey and Duck Meat                              | AGRICULTURE-BASEL, nr. 1, 10.3390/agriculture13010057, 2023                                                                    | Coroian, CO; Coroian, A; Becze, A; Longodor, A; Mastan, O; Radu-Rusu, RM                                                                                      | 3.6   |
| 85.    | Potential Role of GGBS and ACBFS Blast Furnace Slag at 90 Days for Application in Rigid Concrete Pavements                            | Materials, nr. 5902, <a href="https://doi.org/10.3390/ma16175902">https://doi.org/10.3390/ma16175902</a> , 2023                | L.M. Nicula, D.L. Manea, D. Simedru, O. Cadar, M.L. Dragomir, I. Ardelean, O. Corbu                                                                           | 3.4   |
| 86.    | Preliminary Assessment of In Vivo Raman Spectroscopy Technique for Bone Quality Evaluation of Augmented Maxillary Sinus Floor         | International Journal of Environmental Research and Public Health, nr. 6, pp. 1-13, 10.3390/ijerph20064789, 2023               | Eduard Gatin, Pal Nagy, Stefan Marian Iordache, Ana-Maria Iordache, Catalin Romeo Luculescu, Valeriy Grygorovskyy                                             | 4.614 |
| 87.    | Preliminary water quality characterization of urban lakes using a state of the art optoelectronic technique                           | Journal of Optoelectronics and Advanced Materials, nr. 11-12, pp. 554-562, 1454 - 4164, 2023                                   | C.L. POPA, I.S. DONTU, I.C. IOJA, G.O. VANAU, A.M. POPA, C.H. GANDESC, A. STAN, D.M. COTOROBAL, D. SAVASTRU, E.M. CARSTEA                                     | 0.5   |
| 88.    | Preparation and characterization of hydroxyapatite coating by magnetron sputtering on Mg-Zn-Ag alloys for orthopaedic Trauma implants | Ceramics International, nr. 16, pp. 26274-26288, 10.1016/j.ceramint.2023.05.116, 2023                                          | L. Dragomir (Nicolescu), A. Antoniac, V. Manescu (Paltanea), A. Robu, M. Dinu, I. Pana, C.M. Cotrut, E. Kamel, I. Antoniac, J. V. Rau, A. Vladescu (Dragomir) | 5.2   |
| 89.    | Preparation and Characterization of the Composition of Volatile Compounds, Fatty Acids                                                | Foods, vol. 12(10), nr. 2041, <a href="https://doi.org/10.3390/foods12102041">https://doi.org/10.3390/foods12102041</a> , 2023 | T. Dippong, L. Senila, L.E. Muresan                                                                                                                           | 5.2   |

| Nr crt | TITLUL                                                                                                                                                                                 | REVISTA                                                                                                                                                                    | AUTORII                                                                                                                                      | FI  |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | and Thermal Behavior of Paprika                                                                                                                                                        |                                                                                                                                                                            |                                                                                                                                              |     |
| 90.    | Preparation, characterization, and performance of natural zeolites as alternative materials for beer filtration                                                                        | Materials, nr. 1914, <a href="https://doi.org/10.3390/ma16051914">https://doi.org/10.3390/ma16051914</a> , 2023                                                            | O. Cadar, I. Vagner, I. Miu, D. Scurtu, M. Șenilă                                                                                            | 3.4 |
| 91.    | Process window for electron beam melting of Ti-42Nb wt.%                                                                                                                               | Journal of Materials Research and Technology , pp. 4457-4478, <a href="https://doi.org/10.1016/j.jmrt.2023.06.234">10.1016/j.jmrt.2023.06.234</a> , 2023                   | I.Y Grubova, M. Kozadaeva, A. P. Volkova, D. Khrapov, R.A. Surmenev, A.V. Koptug, A. Vladescu (Dragomir), A. Tyurin, M.A. Surmeneva          | 6.4 |
| 92.    | Quaternary ZrCuCa-based thin films metallic glasses deposited by cathodic arc deposition                                                                                               | ARABIAN JOURNAL OF CHEMISTRY, nr. 12, pp. 1-28, <a href="https://doi.org/10.1016/j.arabjc.2023.105312">10.1016/j.arabjc.2023.105312</a> , 2023                             | A.C. Parau, M. Dinu, C. Vitelaru, C.M. Cotrut, D.M. Vranceanu, A. Vladescu (Dragomir)                                                        | 6   |
| 93.    | Radiological assessment of carbonated spring waters in regard to the lithological characteristics of Harghita county, Romania                                                          | The European Physical Journal Special Topics, nr. 232, pp. 1563-1581, <a href="https://doi.org/10.1140/epjs/s11734-023-00879-5">10.1140/epjs/s11734-023-00879-5</a> , 2023 | C. F. Savin, F. L. Forray, C. Tănăsolia, R. C. Begy                                                                                          | 2.8 |
| 94.    | Rare earth elements transfer from soil to vegetables and health risks associated with vegetable consumption in a former mining area                                                    | Agronomy-BASEL, nr. 1399, <a href="https://doi.org/10.3390/Agronomy13051399">https://doi.org/10.3390/Agronomy13051399</a> , 2023                                           | M. Miclean, E.A. Levei, C. Tanasolia, O. Cadar                                                                                               | 3.7 |
| 95.    | Recent Trends in Hydroxyapatite Supplementation for Osteoregenerative Purposes                                                                                                         | Materials, nr. 1303, <a href="https://doi.org/10.3390/ma16031303">https://doi.org/10.3390/ma16031303</a> , 2023                                                            | A. Zastulka, S. Clichici, M. Tomoaia-Cotisel, A. Mocanu, C. Roman, C.-D. Olteanu, B. Culic, T. Mocan                                         | 3.4 |
| 96.    | Recovery of Precious Metals: A Promising Process Using Supercritical Carbon Dioxide and CO <sub>2</sub> -Soluble Complexing Polymers for Palladium Extraction from Supported Catalysts | Molecules, nr. 6342, <a href="https://doi.org/10.3390/molecules28176342">https://doi.org/10.3390/molecules28176342</a> , 2023                                              | A. Ruiu, W.S.J. Li, M. Senila, C. Bouilhac, D. Foix, B. Bauer-Siebenlist, K. Seaudeau-Pirouley, T. Jänisch, S. Böringer, P. Lacroix-Desmazes | 4.6 |
| 97.    | Release of amoxicillin and                                                                                                                                                             | Applied Physics A, nr.                                                                                                                                                     | R. Barabás, N. Farkas,O.                                                                                                                     | 2.7 |

| Nr crt | TITLUL                                                                                                                                                                                                                                    | REVISTA                                                                                                                                               | AUTORII                                                                                                                           | FI  |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----|
|        | doxycycline from PLA nanofibers optimized using factorial experimental design                                                                                                                                                             | 854,<br><a href="https://doi.org/10.1007/s00339-023-07122-x">https://doi.org/10.1007/s00339-023-07122-x</a> ,<br>2023                                 | Cadar, L. Bizo, M.A. Resz, A. Becze, L. Marincas, A Vészi, B.A. Boşca, E Dinte, C.N. Feurdean, A.W. Uriciuc, A.M. Băbţan, A. Ilea |     |
| 98.    | Relevance of Soil Heavy Metal XRF Screening for Quality and Landscaping of Public Playgrounds                                                                                                                                             | Toxics, vol. 11(6), nr. 530, 10.3390/toxics11060530 , 2023                                                                                            | O. Racus Ghircoias, C. Tanaselia, M. Chintoanu, I. Cris, Hoble, R. Stefan, M. Dîrja                                               | 4.6 |
| 99.    | Removal of Cesium and Strontium Ions from Aqueous Solutions by Thermally Treated Natural Zeolite                                                                                                                                          | Materials, nr. 2965, <a href="https://doi.org/10.3390/ma16082965">https://doi.org/10.3390/ma16082965</a> , 2023                                       | M. Senila, E. Neag, C. Tanaselia, L. Senila                                                                                       | 3.4 |
| 100.   | Reverse engineering used to profile a gerotor pump rotor                                                                                                                                                                                  | Applied Sciences, nr. 19, pp. 11069-11069, DOI: 10.3390/app131911069; ISSN 2076-3417, 2023                                                            | Nicutor Baroiu, Virgil Gabriel Teodor, Viorel Paunoiu, Georgiana Alexandra Morosanu, Ionas Catalin Dumitrescu                     | 2.7 |
| 101.   | Review: Heterojunction Tandem Solar Cells on Si-Based Metal Oxides                                                                                                                                                                        | Energies , nr. 7, pp. 1-31, 10.3390/en16073033, 2023                                                                                                  | Laurentiu Fara, Irinela Chilibon, Dan Craciunescu, Alexandru Diaconu, Silviu Fara                                                 | 3.2 |
| 102.   | Rowanberry-A Source of Bioactive Compounds and Their Biopharmaceutical Properties                                                                                                                                                         | Plants, nr. 3225, <a href="https://doi.org/10.3390/plants12183225">https://doi.org/10.3390/plants12183225</a> , 2023                                  | O.M. Arvinte, L. Senila, A. Becze, S. Amariei                                                                                     | 4.5 |
| 103.   | Sampling the travel distance of a vehicle through an unconventional method for data acquisition                                                                                                                                           | Journal of Optoelectronics and Advanced Materials, nr. 11-12, pp. 563-571, 1454 - 4164, 2023                                                          | M.I. Rusu, V. Savu, D. Savastru, C. H. Gandescu, A. Stan, D. M. Cotorobai                                                         | 0.5 |
| 104.   | Screening of Mono-, Di- and Trivalent Cationic Dopants for the Enhancement of Thermal Behavior, Kinetics, Structural, Morphological, Surface and Magnetic Properties of CoFe <sub>2</sub> O <sub>4</sub> -SiO <sub>2</sub> Nanocomposites | International Journal of Molecular Sciences, nr. 9703, <a href="https://doi.org/10.3390/ijms24119703">https://doi.org/10.3390/ijms24119703</a> , 2023 | T. Dippong, E.A. Levei, I. Petean, I.G. Deac, R.A. Mereu, O. Cadar                                                                | 5.6 |
| 105.   | Self-Assembly of Block Copolymers in Thin Films Swollen-Rich in Solvent                                                                                                                                                                   | POLYMERS, nr. 8, 10.3390/polym15081900, 2023                                                                                                          | Babutan, I; Todor-Boer, O; Atanase, LI; Vulpoi, A; Botiz, I                                                                       | 5   |

| Nr crt | TITLUL                                                                                                                                                | REVISTA                                                                                                                                                               | AUTORII                                                                                                                                                                                                          | FI  |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        | Vapors                                                                                                                                                |                                                                                                                                                                       |                                                                                                                                                                                                                  |     |
| 106.   | Self-assembly of block copolymers on surfaces exposed to space-confined solvent vapor annealing                                                       | POLYMER, 0032-3861<br>10.1016/j.polymer.2023.125881, 2023                                                                                                             | Babutan, I; Todor-Boer, O; Atanase, LI; Vulpoi, A; Simon, S; Botiz, I                                                                                                                                            | 4.6 |
| 107.   | Simulated Gastrointestinal Digestion of Nutritive Raw Bars: Assessment of Nutrient Bioavailability                                                    | Foods, vol. 12(12), nr. 2300,<br><a href="https://doi.org/10.3390/Foods12122300">https://doi.org/10.3390/Foods12122300</a> , 2023                                     | L. Dordai, D. Simedru, O. Cadar, A. Becze                                                                                                                                                                        | 5.2 |
| 108.   | Smart composite using fibre optic sensors for fluid flow characterization and temperature measurement                                                 | Composite Structures, nr. 1,<br><a href="https://doi.org/10.1016/j.compstruct.2022.116382">doi.org/10.1016/j.compstruct.2022.116382</a> , 2023                        | Dan Savastru, L. Baschir, S. Miclos, R. Savastru, I. I. Lancranjan                                                                                                                                               | 6.3 |
| 109.   | Spatio-temporal evolution of long-range transported mineral desert dust properties over rural and urban sites in Central Europe                       | SCIENCE OF THE TOTAL ENVIRONMENT, nr. 166173,<br><a href="https://doi.org/10.1016/j.scitotenv.2023.166173">https://doi.org/10.1016/j.scitotenv.2023.166173</a> , 2023 | Dominika M. Szczepanik, Patryk Poczta, Camelia Talianu, Christine Bockmann, Christoph Ritter, Horatiu Stefanie, Florica Toanca, Bogdan H. Chojnicki, Dirk Schüttemeyer, Iwona S. Stachlewska                     | 9.8 |
| 110.   | Spectro-Electrochemical Properties of A New Non-Enzymatic Modified Working Electrode Used for Histamine Assessment in the Diagnosis of Food Poisoning | Foods, nr. 15, pp. 1-15,<br><a href="https://doi.org/10.3390/foods12152908">10.3390/foods12152908</a> , 2023                                                          | Stefan-Marian Iordache, Ana-Maria Iordache, Alexei Zubarev, Stefan Caramizoiu, Cristiana Eugenia Ana Grigorescu, Silviu Marinescu, Carmen Giuglea                                                                | 5.2 |
| 111.   | Sr Isotope, Major, and Trace Element Signatures in Karst Groundwaters                                                                                 | Water, nr. 1431,<br><a href="https://doi.org/10.3390/w15071431">https://doi.org/10.3390/w15071431</a> , 2023                                                          | A.I. Török, A. Moldovan, C. Tănăsolia, E. Kovacs, I.C. Mirea, O. T. Moldovan, E.A. Levei                                                                                                                         | 3.4 |
| 112.   | Structural and flame retardancy properties of GO-DOPO-HAK composite                                                                                   | JOURNAL OF MATERIALS SCIENCE, nr. 16, pp. 7025-7047, 0022-2461<br>10.1007/s10853-023-08456-w, 2023                                                                    | Mihis, AG; Cotet, LC; Cadar, C; Pop, LC; Todea, M; Rusu, MM; Vulpoi, A; Székely, I; Salagean, CA; Magyari, K; Muresan-Pop, M; Cadar, O; Baia, M; Sofran, IE; Lisa, G; Anghel, I; Baibarac, M; Danciu, V; Baia, L | 4.5 |



| Nr crt | TITLUL                                                                                                                                           | REVISTA                                                                                                                                                                                             | AUTORII                                                                                                                                                                                                                                             | FI  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 113.   | Structural Characterization of Several Cement-Based Materials Containing Chemical Additives with Potential Application in Additive Manufacturing | International Journal of Molecular Sciences, nr. 7688, <a href="https://doi.org/10.3390/ijms24097688">https://doi.org/10.3390/ijms24097688</a> , 2023                                               | A.F. Simedru, A. Becze, O. Cadar, D.A. Scurtu, D. Simedru, I. Ardelean                                                                                                                                                                              | 5.6 |
| 114.   | Subterranean transport of microplastics as evidenced in karst springs and their characterization using Raman spectroscopy                        | Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, vol. 298, nr. 122811, <a href="https://doi.org/10.1016/j.saa.2023.122811">https://doi.org/10.1016/j.saa.2023.122811</a> , 2023 | I. Nesterovschi, I. Marica, E.A. Levei, S.B. Angyus, M. Kenesz, O.T. Moldovan, S. Cînta Pînzaru                                                                                                                                                     | 4.4 |
| 115.   | Synthesis And Optical Properties of the Glassy Compound As <sub>0.63</sub> S <sub>2.70</sub> Sb <sub>1.37</sub> Te <sub>0.30</sub>               | Chalcogenide Letters, nr. 5, pp. 387-392, <a href="https://doi.org/10.15251/CL.2023.205.387">https://doi.org/10.15251/CL.2023.205.387</a> , 2023                                                    | M. Iovu, I. Culeac, V. Verlan, Olga Bordian, M. Enachescu, A. A. Popescu, D. Savastru, Andreea Lazar                                                                                                                                                | 1   |
| 116.   | The Advantages on Using GGBS and ACBFS Aggregate to Obtain an Ecological Road Concrete                                                           | Coatings, nr. 1368, <a href="https://doi.org/10.3390/coatings13081368">https://doi.org/10.3390/coatings13081368</a> , 2023                                                                          | L.M. Nicula, D.L. Manea, D. Simedru, O. Cadar, I. Ardelean, M.L. Dragomir                                                                                                                                                                           | 3.4 |
| 117.   | The Characteristics of Light (TiCrAl <sub>0.5</sub> NbCu) <sub>x</sub> Ny High-Entropy Coatings Deposited Using a HiPIMS/DCMS Technique          | Crystals, nr. 11, pp. 1-21, <a href="https://doi.org/10.3390/cryst13111565">10.3390/cryst13111565</a> , 2023                                                                                        | Nicolae C. Zoita, Mihaela Dinu, Anca C. Parau, Ainara López-Ortega, Iulian Pana, Cristiana Eugenia Ana Grigorescu, Mikel Mondragon, Arcadie Sobetskii, Xanti Almandoz, Juan Carlos Rodriguez, Alaa Abou Harb, Adrian E. Kiss, Jose Manuel Izurategi | 2.7 |
| 118.   | The effect of chemical composition and morphology on the drug delivery properties of hydroxyapatite-based biomaterials                           | Ceramics International, pp. 25156-25169, <a href="https://doi.org/10.1016/j.ceramint.2023.05.047">https://doi.org/10.1016/j.ceramint.2023.05.047</a> , 2023                                         | N.I. Farkas, G.L. Turdean, L. Bizo, L. Marincas, O. Cadar, L. Barbu-Tudoran, R. Barabas                                                                                                                                                             | 5.2 |
| 119.   | The gut microbiome mediates adaptation to scarce food in Coleoptera                                                                              | Environmental Microbiome, nr. 80, <a href="https://doi.org/10.1186/s40793-023-00537-2">https://doi.org/10.1186/s40793-023-00537-2</a> , 2023                                                        | O.T. Moldovan, A.A. Carrell, P.A. Bulzu, E. Levei, R. Bucur, C. Sitar, L. Faur, I. C. Mirea, M. Șenilă, O. Cadar, M. Podar                                                                                                                          | 7.9 |
| 120.   | The Influence of Blast Furnace Slag on Cement                                                                                                    | Materials, nr. 3332, <a href="https://doi.org/10.3390/">https://doi.org/10.3390/</a>                                                                                                                | L.M. Nicula, D.L. Manea, D. Simedru, O. Cadar, A.                                                                                                                                                                                                   | 3.4 |

| Nr crt | TITLUL                                                                                                                                           | REVISTA                                                                                                                                      | AUTORII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FI   |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
|        | Concrete Road by Microstructure Characterization and Assessment of Physical-Mechanical Resistances at 150/480 Days                               | Ma16093332 , 2023                                                                                                                            | Becze, M.L. Dragomir                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |
| 121.   | The influence of corrosive medium on the selected tribological properties of ZrSi-based nitride and oxynitride deposited on 316L stainless steel | SURFACE & COATINGS TECHNOLOGY, pp. 1-11, 10.1016/j.surfcoat.2023.129979, 2023                                                                | M. Dinu, A.C. Parau, I. Pana, A.E. Kiss, L.R. Constantin, A. Vladescu (Dragomir), M. Braic, C. Vitelaru                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5.4  |
| 122.   | The pharmacist's role in promoting food supplements: consumption of magnesium supplements in Western Romania                                     | Farmacia, nr. 5, pp. 1081-1094, <a href="https://doi.org/10.31925/farmacia.2023.5.23">https://doi.org/10.31925/farmacia.2023.5.23</a> , 2023 | C. Moisa, F. Dragan, V.D. Barta, A. Teusdea, A. Onet, O. Cadar, I. Olariu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.6  |
| 123.   | The variability of mass concentrations and source apportionment analysis of equivalent black carbon across urban Europe                          | Environment International, <a href="https://doi.org/10.1016/j.envint.2023.108081">https://doi.org/10.1016/j.envint.2023.108081</a> , 2023    | Marjan Savadkoohi, Marco Pandolfi, Cristina Reche, Jarkko, V. Niemi, Dennis Mooibroek, Gloria Titos, David C. Green, Anja H. Tremper, Christoph Hueglin, Eleni Liakakou, Nikos Mihalopoulos, Iasonas Stavroulas, Begoña Artiñano, Esther Coz, Lucas Alados-Arboledas, David Beddows, Véronique Riffault, Joel F. De Brito, Susanne Bastian, Alexia Baudic, Cristina Colombi, Francesca Costabile, Benjamin Chazeau, Nicolas Marchand, José Luis Gómez-Amo, Víctor Estellés, Violeta Matos, Ed van der Gaag, Grégory Gille, Krista Luoma, Hanna E. Manninen, Michael Norman, Sanna Silvergren, Jean-Eudes Petit, Jean-Philippe Putaud, Oliver V. Rattigan, Hilkka Timonen, Thomas Tuch, Maik Merkel, Kay Weinhold, Stergios Vratolis, Jeni | 11.8 |

| Nr crt | TITLUL                                                                                                                                                                   | REVISTA                                                                                | AUTORII                                                                                                                                                                                                 | FI  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|        |                                                                                                                                                                          |                                                                                        | Vasilescu, Olivier Favez, Roy M. Harrison, Paolo Laj, Alfred Wiedensohler, Philip K. Hopke, Tuukka Petäjä, Andrés Alastuey, Xavier Querol                                                               |     |
| 124.   | Thermal Lattice Field during Ultra-Short Laser Pulse Irradiation of Metal Targets: A Fokker-Planck Analytical Model                                                      | METALS, nr. 10, pp. 1-11, 10.3390/met13101775, 2023                                    | Sinziana-Andreea Anghel, Mihai Oane, Cristian N. Mihăilescu, Bogdan A. Sava, Mihail Elisa, Natalia Mihăilescu, Dorina Ticos, Alexandra M. I. Trefilov, Carmen Ristoscu, Ana V. Filip, Ion N. Mihăilescu | 2.9 |
| 125.   | TiSiCN as Coatings Resistant to Corrosion and Neutron Activation                                                                                                         | Materials, pp. 1-16, doi.org/10.3390/ma16051835, 2023                                  | M.N. Mirzayev, A.C. Parau, L. Slavov, M. Dinu, D. Neov, Z. Slavkova, E.P. Popov, M. Belova, K. Hasanov, F.A. Aliyev, A. Vladescu (Dragomir)                                                             | 3.4 |
| 126.   | Unveiling the Secrets of an Artwork through Non-Invasive Investigations-Case Study of a 19th-Century Female Portrait                                                     | Minerals, nr. 9, pp. 1193, https://doi.org/10.3390/min13091193, 2023                   | A. Rauca, L. Ghervase, A. Berdie, M. Agachi                                                                                                                                                             | 2.5 |
| 127.   | Use of Vine Shoot Waste for Manufacturing Innovative Reinforced Cement Composites                                                                                        | APPLIED SCIENCES-BASEL, nr. 1, pp. 134, https://doi.org/10.3390/a13010134, 2023        | D. Scurtu, E. Kovacs, L.Senila, E. A. Levei, D. Simedru, X. Filip, M. Dan, C. Roman, O. Cadar, L. David                                                                                                 | 2.7 |
| 128.   | Yellow Mealworm (Tenebrio molitor) Powder Promotes a High Bioaccessible Protein Fraction and Low Glycaemic Index in Biscuits                                             | Nutrients, vol. 15(4), nr. 997, https://doi.org/10.3390/nu15040997, 2023               | A. Mihaly Cozmuta, A. Uivarasan, A. Peter, C. Nicula, E.D. Kovacs, LM. Cozmuta                                                                                                                          | 5.9 |
| 129.   | Zn doped CaP coatings used for controlling the degradation rate of MgCa1 alloy: In vitro anticorrosive properties, sterilization and bacteria/cell-material interactions | Colloids and Surfaces B: Biointerfaces, pp. 1-12, 10.1016/j.colsurfb.2022.113087, 2023 | Schmidt, I. Pana, A. Bystrova, M. Dinu, Y. Dekhtyar, C. Vitelaru, M. Gorohovs, I.M. Marinescu, P.Y. Huri, D.G. Tamay, G.A. Juravlea, S. Buyuksungur, A.C. Parau, V. Hasirci, N. Hasirci, A. Vladescu    | 5.8 |

| Nr.                                      | TITLUL                                                                                                                                                | REVISTA                                                                                                                                                           | AUTORII                                                                                   |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Publicate in reviste Indexate ISI</b> |                                                                                                                                                       |                                                                                                                                                                   |                                                                                           |
| 1.                                       | Effects of Climate Change and Urbanization on Vegetation Phenology in the Bucharest Metropolitan Area                                                 | WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, vol. 19, pp. 961-968, 10.37394/232015.2023.19.90, 2023-09-27 00:00:00                                          | Savastru D., Zoran M., Savastru R., Tautan M., Tenciu D                                   |
| 2.                                       | Characterization of residues found within some Roman unguentaria glass artefacts: preliminary results of a multi-disciplinary approach                | Cercetări Arheologice, vol. 30, nr. 1, pp. 345-354, 0255-6812, 2023-06-30 00:00:00                                                                                | I.M. Cortea, O. Țentea                                                                    |
| 3.                                       | Spatiotemporal Changes of Urban Land Surface Albedo Impact on Thermal Environment in Bucharest Metropolitan City                                      | WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, vol. 19, pp. 1037-1044, 10.37394/232015.2023.19.98, 2023-10-12 00:00:00                                        | M. Zoran, R. Savastru, Dan Savastru, M. Tautan, A. Penache                                |
| 4.                                       | The Roman Sports Cavalry Helmet from Islaz (Teleorman County, Romania)                                                                                | Cercetări Arheologice, vol. 30, nr. 2, pp. 669-690, <a href="https://doi.org/10.46535/c.a.30.2.15">https://doi.org/10.46535/c.a.30.2.15</a> , 2023-11-15 00:00:00 | A. Rațiu, M. Simion, L.M. Angheluță                                                       |
| 5.                                       | Thermal Infrared Anomalies Associated with Recent Crustal Earthquakes in Gorj County in Romania                                                       | WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, vol. 19, DOI: 10.37394/232015.2023.19.83, 2023-09-20 00:00:00                                                  | MARIA A. ZORAN* , ROXANA S. SAVASTRU, DAN M. SAVASTRU, MARINA N. TAUTAN, DANIEL V. TENCIU |
| 6.                                       | Time Series Satellite and Observational Data for Assessment of Urban Air Pollution and Climate Dynamics Impacts on COVID-19 transmission in Bucharest | WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, vol. 20, pp. 8-15, 10.37394/232015.2024.20.2, 2023-10-26 00:00:00                                              | M. Zoran, R. Savastru, M. Tautan, D. Tenciu                                               |

| Nr.                                              | TITLUL                                                                                                                 | REVISTA                                                                                                                                                                                                                                                  | AUTORII                                                                                  |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>Publicate in proceedings-uri Indexate ISI</b> |                                                                                                                        |                                                                                                                                                                                                                                                          |                                                                                          |
| 1.                                               | Association of air pollution and synoptic weather impacts on COVID-19 transmission through in-situ and geospatial data | Proceedings SPIE, Ninth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2023), vol. 12786, nr. 127860Q, pp. 1-12, <a href="https://doi.org/10.1117/12.2680601">https://doi.org/10.1117/12.2680601</a> , 2023-09-01 | Dan M. Savastru, Maria A. Zoran, Roxana S. Savastru, Marina N. Tautan, Daniel V. Tenciu, |

| Nr. | TITLUL                                                                                                                    | REVISTA                                                                                                                                                                                                                                                            | AUTORII                                                                                                   |
|-----|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|     |                                                                                                                           | 00:00:00                                                                                                                                                                                                                                                           |                                                                                                           |
| 2.  | Mobile machine with hydrostatic hybrid drive train                                                                        | Advances in Hydraulic and Pneumatic Drives and Control 2023. NSHP 2023. Lecture Notes in Mechanical Engineering, pp. 196-203, ISSN 2195-4356, ISBN 978-3-031-43001-5, DOI: 10.1007/978-3-031-43002-2_18 , 2023-10-19 00:00:00                                      | Radu – Iulian Rădoi, Cătălin Dumitrescu, Bogdan Tudor, Ștefan Șefu, Ciprian Culache                       |
| 3.  | Searching for signs of an old wooden church in Breb, Maramureș                                                            | International Conference on Developments in eSystems Engineering, vol. <a href="https://ieeexplore.ieee.org/document/10329234?denied=">https://ieeexplore.ieee.org/document/10329234?denied=</a> , pp. 1-4, 10.1109/IWAGPR57138.2023.10329234, 2023-11-30 00:00:00 | V. Drăguț, L.C. Ratoiu                                                                                    |
| 4.  | Assessment of climate and anthropogenic impacts on the urban forest through derived MODIS satellite biophysical variables | Proceedings SPIE, Ninth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2023), vol. 12786, nr. 127861D , pp. 1-11, <a href="https://doi.org/10.1117/12.2680584">https://doi.org/10.1117/12.2680584</a> , 2023-09-01 00:00:00 | Maria A. Zoran, Roxana S. Savastru, Dan M. Savastru, Marina N. Tautan, Adrian C. Penache                  |
| 5.  | LACONA XIII - Book of Proceedings in Non-destructive investigation of a late panel painting by Lucas Cranach the Elder    | Lasers in the Conservation of Artworks XIII, vol. Lasers in the Conservation of Artworks XIII, pp. 22-30, 9781003386872, 2023-10-14 00:00:00                                                                                                                       | I.M. Cortea, L. Ratoiu, R. Rădvan                                                                         |
| 6.  | Equipment with hydrostatic drive and hybrid energy source for construction works                                          | Conference Proc. International Multidisciplinary Scientific GeoConference SGEM, vol. 23, nr. 4.1, ISSN 1314-2704; DOI: 10.5593/sgem2023/4.1/s17.09, 2023-10-18 00:00:00                                                                                            | Cătălin Dumitrescu, Alexandru-Polifron Chiriță, Radu Iulian Rădoi, Adriana Mariana Borș, Cătălin Dragomir |
| 7.  | INFRA-ART spectral library: a new open access infrastructure for heritage science                                         | Lasers in the Conservation of Artworks XIII, vol. Lasers in the Conservation of Artworks XIII, pp. 37-47,                                                                                                                                                          | I.M. Cortea, A. Chiroșca, L.M. Angheluță, G. Serișan                                                      |

| Nr. | TITLUL                                                                                                                         | REVISTA                                                                                                                                                                                                                                      | AUTORII                                                                                             |
|-----|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|     |                                                                                                                                | 9781003386872, 2023-10-14 00:00:00                                                                                                                                                                                                           |                                                                                                     |
| 8.  | Streamlining the actuation of heavy and high-magnitude dynamic load hydraulic cylinders in the field of exploration and mining | Conference Proc. International Multidisciplinary Scientific GeoConference SGEM, vol. 23, nr. 1, ISSN 1314-2704; DOI: 10.5593/sgem2023/1.1/s03.52, 2023-10-18 00:00:00                                                                        | Teodor Costinel Popescu, Alexandru-Polifron Chiriță, Ana-Maria Carla Popescu, Alina Iolanda Popescu |
| 9.  | Time-series satellite data for assessment of Bucharest city thermal environment                                                | Proceedings SPIE, Ninth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2023), vol. 127861F, <a href="https://doi.org/10.1117/12.2680592">https://doi.org/10.1117/12.2680592</a> , 2023-09-21 00:00:00 | Dan M. Savastru, Maria A. Zoran, Roxana S. Savastru, Marina N. Tautan, Daniel V. Tenciu             |