

## 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.	3D digitization of translucent materials in cultural heritage objects: a comparative study between laser scanning and photogrammetry	Romanian Journal Of Physics, vol. 65, nr. 906, pp. 1-12, ISSN 1221-146X, 2020	<b>L.M. Angheluță, R. Rădvan</b>	1.197
2.	A New Zinc Phosphate-Tellurite Glass for Magneto-Optical Applications	Nanomaterials, vol. 10, nr. 9, pp. 1875, <a href="https://doi.org/10.3390/nano10091875">https://doi.org/10.3390/nano10091875</a> , 2020	<b>Mihail Elisa, Raluca Constantina Stefan, Ileana Cristina Vasiliu, Stefan Marian Iordache, Ana-Maria Iordache</b> , Bogdan Alexandru Sava, Lucica Boroica, Marius Catalin Dinca, Ana Violeta Filip, Aurelian Catalin Galca, Cristina Bartha, Nicu Iacob, <b>Madalin Ion Rusu</b> , Mihai Eftimie, Victor Kuncser	4.324
3.	A new, fast and facile synthesis method for reduced graphene oxide in N, N-dimethylformamide	Synthetic Metals , vol. 269, nr. 116576, DOI: 10.1016/j.synthmet.2020.116576, 2020	R.Tarcan, M. Handrea-Dragan, <b>O. Todor-Boer</b> , I. Petrovai, C. Farcau, M. Rusu, A. Vulpoi, M. Todea, S. Astilean, I. Botiz	3.286
4.	A strategy for alleviating micro arcing during HiPIMS deposition of DLC coatings	Materials, vol. 13, nr. 1038, pp. 1-5, <a href="https://doi.org/10.3390/ma13051038">doi.org/10.3390/ma13051038</a> , 2020	<b>Vitelaru Catalin, Parau Anca Constantina, Constantin Lidia Ruxandra, Kiss Adrian Emil, Vladescu Alina</b> , Arcadie Sobetkii, Tomas Kubart	3.057
5.	Agile quaternion based attitude determination and control to support near-space vehicle operations	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, vol. 82, nr. 4, 1223-7027, 2020	Florin Mingireanu, <b>Laurentiu Baschir*</b> , <b>Sorin Miclos, Dan Savastru, Daniel Tenciu</b> , Nicolae Jula	0.619
6.	An EARLINET early warning system for atmospheric aerosol aviation hazards	Atmospheric Chemistry and Physics, vol. 20, nr. 18, pp. 10775-10789, 10.5194/acp-20-10775-2020, 2020	Papagiannopoulos N, D'Amico G, Gialitaki A, Ajtai N, Alados-Arboledas L, Amodeo A, Amiridis V, Baars H, Balis D, <b>Biniotoglou I</b> , Comeron A, Dionisi D, Falconieri A,	5.414

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			Freville P, Kampouri A, Mattis I, Mijic Z, Molero F, Papayannis A, Pappalardo G, Rodriguez-Gomez A, Solomos S, Mona L	
7.	Analytical performance and validation of optical emission and atomic absorption spectrometry methods for multielemental determination in vegetables and fruits	Revue Roumaine de Chimie, vol. 65, nr. 7-8, pp. 735-745, DOI: 10.33224/rrch.2020.65.7-8.12, 2020	E. Covaci, <b>M. Senila</b> , M. Ponta, T. Frentiu	0.381
8.	Anticorrosion coated stainless steel as durable support for C-N-TiO <sub>2</sub> photo catalyst layer	Materials, vol. 13, pp. 1-27, 10.3390/ma13194426, 2020	E.S.M. Mouele, <b>M. Dinu</b> , <b>A.C. Parau</b> , <b>A. Vladescu</b> , M.T.Z. Myint, H.H. Kyaw, J. Sabahi, M. Al-Abri, S. Dobretsov, M.A.A. Belushi, R. Al-Mamari, <b>M. Braic</b> , L.F. Petrik	3.057
9.	Application of airborne and spaceborne hyperspectral imaging techniques for atmospheric research: past, present, and future	Applied Spectroscopy Reviews, 10.1080/05704928.2020.1774381, 2020	<b>Calin MA</b> , Calin AC, <b>Nicolae DN</b>	5.074
10.	Curatarea picturilor murale si a mortarelor: Review cleaning of mural paintings and mortars: review	Revista Romana De Materiale-Romanian Journal Of Materials, vol. 50, nr. 4, pp. 485-492, 1583-3186, 2020	Gomoiu, I; <b>Radvan, R</b> ; <b>Ghervase, L</b> ; Mohanu, I; Enache, M; Neagu, S; Ruginescu, R; Cojoc, R	0.542
11.	Application of Spectroscopic and Hyperspectral Imaging Techniques for Rapid and Nondestructive Investigation of Jewish Ritual Parchment	Frontiers in Materials, vol. 7, nr. 601339, <a href="https://10.3389/fmats.2020.601339">https://10.3389/fmats.2020.601339</a> , 2020	<b>I.M. Cortea</b> , <b>L. Ghervase</b> , <b>L. Ratoiu</b> , <b>R. Rădvan</b>	2.705
12.	Aspects of laser cleaning efficiency for contemporary artworks restoration	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, vol. 82, nr. 2, pp. 231-240, ISSN 12237027, 2020	<b>V. Atanassova</b> , G. Dascălu	0.619
13.	Assessing the relationship between ground levels of ozone (O <sub>3</sub> ) and nitrogen dioxide (NO <sub>2</sub> ) with coronavirus (COVID-19) in Milan, Italy	Science of the Total Environment , vol. 740, 10.1016/j.scitotenv.2020.140005, 2020	<b>Maria A. Zoran</b> , <b>Roxana S. Savastru</b> , <b>Dan M. Savastru</b> , <b>Marina N. Tautan</b>	6.551

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14.	Assessing the relationship between surface levels of PM2.5 and PM10 particulate matter impact on COVID-19 in Milan, Italy	Science of the Total Environment , vol. 738, 10.1016/j.scitotenv.2020.139825, 2020	<b>Maria A. Zoran, Roxana S. Savastru, Dan M. Savastru, Marina N. Tautan</b>	6.551
15.	Bioethanol Production from Vineyard Waste by Autohydrolysis Pretreatment and Chlorite Delignification via Simultaneous Saccharification and Fermentation	Molecules, vol. 25, nr. 11, pp. 2606, doi:10.3390/molecules25112606, 2020	<b>L. Senila, E. Kovacs, D.A. Scurtu, O. Cadar, A. Becze, M. Senila, E.A. Levei, D.E. Dumitras, I. Tenu, C. Roman</b>	3.267
16.	Biomass burning events measured by lidars in EARLINET - Part 1: Data analysis methodology	Atmospheric Chemistry and Physics, vol. 20, pp. 13905-13927, 10.5194/acp-20-13905-2020, 2020	<b>Adam M, Nicolae D, Stachlewska IS, Papayannis A, Balis D</b>	5.414
17.	Capitalization of sea buckthorn waste by fermentation: Optimization of industrial process of obtaining a novel refreshing drink	Journal of Food Processing and Preservation , vol. 44(8), nr. e14565, pp. 1-14, DOI: 10.1111/jfpp.14565, 2020	<b>A. M. Gâtlan, G. Gutt, A. Naghiu</b>	1.405
18.	Characterization of electron beam deposited Nb2O5 coatings for biomedical applications	Materials, vol. 103, nr. 103582, pp. 1-13, 10.1016/j.jmbbm.2019.103582, 2020	<b>Mihaela Dinu, Laurentiu Braic, Sibiu C. Padmanabhan, Michael A. Morris, Irina Titorencu, Vasile Pruna, Anca Parau, Nadezhda Romanchikova, Leslie F. Petrik, Alina Vladescu</b>	3.372
19.	Characterization of epitaxial titanium nitride mediated single-crystal nickel oxide grown on MgO-(100) and Si-(100)	AIP ADVANCES, vol. 10, nr. 6, 10.1063/5.0031434, 2020	Liang, Jian-Wei, Li, Kuang-Hui, Kang, Chun Hong, <b>Braic, L, Kiss, AE, Zoita NC,</b> Ng, Tien Khee, Ooi, Boon S.	1.337
20.	Characterization of Lycium barbarum L. berry cultivated in North Macedonia: A chemometric approach	Journal of Berry Research, vol. 10, nr. 2, pp. 223-241, DOI: 10.3233/JBR-190450, 2020	E. Covaci, <b>M. Senila, L. Leopold H. Olah, C. Cobzac, V. Ivanova-Petropulos, B. Balabanova, O. Cadar, A. Becze, M. Ponta, A. Mot, T. Frentiu</b>	2.208
21.	Characterization of the Nuclear Magnetic Resonance Relaxivity of Gadolinium Functionalized Magnetic	Analytical Letters, vol. 54, nr. 1-2, pp. 124-139, DOI: 10.1080/00032719.2020.1731522, 2020	A. Nan, M. Suci, I. Ardelean, <b>M. Senila, R. Turcu</b>	1.467

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	Nanoparticles			
22.	Chemical, nutritional and antioxidant characteristics of different food seeds	Applied Sciences-BASEL, vol. 10, pp. 1589, doi:10.3390/app10051589, 2020	<b>L. Senila, E. Neag, O. Cadar, M.H. Kovacs, A. Becze, M. Senila</b>	2.474
23.	Comparison and complementary use of in situ and remote sensing aerosol measurements in the Athens Metropolitan Area	Atmospheric Environment, vol. 228, pp. 1-12, 10.1016/j.atmosenv.2020.117439, 2020	Vratolis S, Fetfatzis P, Argyrouli A, Soupiona O, Mylonaki M, Maroufidis J, Kalogridis AC, Manousakas M, Bezantakos S, <b>Biniotoglou I</b> , Labzovskii LD, Solomos S, Papayannis A, Mocnik G, O' Connor E, Muller D, Tzanis CG, Eleftheriadis K	4.039
24.	Complex investigation of high efficiency and reliable heterojunction solar cell based on an improved Cu2O absorber layer	Energies, vol. 13, nr. 18, <a href="https://doi.org/10.3390/en13184667">https://doi.org/10.3390/en13184667</a> , 2020	Laurentiu Fara, <b>Irinela Chilibon</b> , Ørnulf Nordseth, Dan Craciunescu, <b>Dan Savastru, Cristina Vasiliu, Laurentiu Baschir</b> , Silvian Fara, Raj Kumar, Edouard Monakhov and James P. Connolly	2.702
25.	Composite material damage monitoring using embedded in polymer matrix optical fiber bragg grating or long period grating sensors	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, vol. 82, nr. 1, pp. 253-270, 1223-7027, 2020	<b>Dan Savastru, S. Miclos, R. Savastru, F. G. Elfarra, I. Lancranjan</b>	0.619
26.	Control of microstructure in polymer: Fullerene active films by convective self-assembly	Thin Solid Films, vol. 697, nr. 137780, DOI: 10.1016/j.tsf.2019.137780, 2020	<b>O. Todor-Boer</b> , I. Petrovai, R. Tarcan, L. David, S. Astilean, I. Botiz	2.03
27.	Correlation between Substrate Ion Fluxes and the Properties of Diamond-Like Carbon Films Deposited by Deep Oscillation Magnetron Sputtering in Ar and Ar plus Ne Plasmas	Coatings, vol. 10, nr. 914, pp. 1-16, 10.3390/coatings10100914, 2020	J. Oliveira, F. Ferreira, R. Serra, T. Kubart, <b>C. Vitelaru</b> , A. Cavaleiro,	2.436
28.	Development and Validation of a Spectrometric Method for Cd and Pb Determination in Zeolites and Safety Evaluation	Molecules, vol. 25, nr. 11, pp. 2591, DOI: 10.3390/molecules25112591, 2020	<b>M. Senila, O. Cadar</b> , I. Miu	3.267
29.	Disentangling and quantifying contributions	CLIMATE DYNAMICS, vol. 54, nr. 3-4, pp. 1453-	Vaideanu P, Dima M, <b>Pirloaga R</b> , Ionita M	4.486

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	of distinct forcing factors to the observed global sea level pressure field	1467, 10.1007/s00382-019-05067-7, 2020		
30.	Effect of amorphous SiO <sub>2</sub> matrix on structural and magnetic properties of Cu <sub>0.6</sub> Co <sub>0.4</sub> Fe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> nanocomposites	Journal of Alloys and Compounds , vol. 849, nr. 156695, <a href="https://doi.org/10.1016/j.jallcom.2020.156695">https://doi.org/10.1016/j.jallcom.2020.156695</a> , 2020	T. Dippong, <b>E. A. Levei</b> , <b>O. Cadar</b> , I. G. Deac, M. Lazar, G. Borodi, I. Petean	4.65
31.	Effect of Calcination Time on the Physicochemical Properties and Photocatalytic Performance of Carbon and Nitrogen Co-Doped TiO <sub>2</sub> Nanoparticles	Catalysts, vol. 10, pp. 1-27, 10.3390/catal10080847, 2020	E.S.M. Mouele, <b>M. Dinu</b> , F. Cummings, O.O. Fatoba, M.T.Z. Myint, H.H. Kyaw, <b>A.C. Parau</b> , <b>A. Vladescu</b> , M.G. Francesconi, S. Pescetelli, A. Di Carlo, A. Agresti, M. Al-Abri, S. Dobretsov, <b>M. Braic</b> , L.F. Petrik	3.52
32.	Effect of laser processing on the microstructure of the FeCrAl alloys	Journal of Optoelectronics and Advanced Materials, vol. 22, nr. 7-8, pp. 411-418, 1454-4164, 2020	V. Geantă, I. Voiculescu, <b>D. Tenciu</b> , <b>L. Baschir</b> , E. M. Stanciu, A. Pascu	0.631
33.	Effects of Thermal Treatment on Natural Clinoptilolite-Rich Zeolite Behavior in Simulated Biological Fluids	Molecules, vol. 25(11), nr. 2570, doi:10.3390/molecules25112570, 2020	<b>O. Cadar</b> , <b>M. Senila</b> , <b>M. A. Hoaghia</b> , <b>D. Scurtu</b> , I. Miu, <b>E. A. Levei</b>	3.267
34.	Emission factors for PM <sub>10</sub> and polycyclic aromatic hydrocarbons (PAHs) from illegal burning of different types of municipal waste in households	Atmospheric Chemistry and Physics, vol. 20, nr. 24, pp. 16135-16144, <a href="https://doi.org/10.5194/acp-20-16135-2020">https://doi.org/10.5194/acp-20-16135-2020</a> , 2020	A. Hoffer, B. Jancsek-Turóczy, Á. Tóth, G. Kiss, <b>A. Naghiu</b> , <b>E. A. Levei</b> , <b>L. Marmureanu</b> , A. Machon, A. Gelencsér	5.414
35.	Advanced Mg, Zn, Sr, Si Multi-Substituted Hydroxyapatites for Bone Regeneration	International Journal Of Nanomedicine, vol. 15, pp. 1037-1058, 10.2147/IJN.S226630, 2020	Garbo, C; Locs, J; D'Este, M; Demazeau, G; Mocanu, A; <b>Roman, C</b> ; Horovitz, O; Tomoaia-Cotisel, M	5.115
36.	Enriching the historical meteorological information using Romanian language newspaper reports: A database from 1880 to 1900	INTERNATIONAL Journal Of Climatology, pp. 548-562, <a href="https://doi.org/10.1002/joc.6709">https://doi.org/10.1002/joc.6709</a> , 2020	Cheval S, Haliuc A, <b>Antonescu B</b> , Tişcovschi A, Dobre M, Tăţui F, Dumitrescu A, Manea A, Tudorache G, Irimescu A, Birsan MV, Mock C	3.928
37.	Epitaxial GeSn obtained by high power impulse	ACS Applied Materials & Interfaces, pp. 1-22,	I. Dascalescu, <b>N.C. Zoita</b> , A. Slav, E. Matei, S. Iftimie, F.	8.758

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	magnetron sputtering and the heterojunction with embedded GeSn nanocrystals for shortwave infrared detection	10.1021/acsami.0c06212, 2020	Comanescu, A.M. Lepadatu, C. Palade, S. Lazanu, D. Bucu, V.S. Teodorescu, M.L. Ciurea, <b>M. Braic</b> , T. Stoica	
38.	Evaluation of the quality of local butters: A new approach based on Raman spectroscopy and supported by the classical pycnometer method	Food Science and Technology International, vol. 26, nr. 2, pp. 113-122, 10.1177/1082013219871188, 2020	<b>Stefan-Marian Iordache</b> , Eduard Gatin, <b>Ana-Maria Iordache</b> , Catalin Luculescu	1.654
39.	Extraordinary optical transmission through titanium nitride-coated microsphere lattice	Photonics and Nanostructures - Fundamentals and Applications, vol. 38, nr. 100762, pp. 1-6, 10.1016/j.photonics.2019.100762, 2020	Ana Maria M. Gherman, <b>Alina Vladescu</b> , <b>Adrian E. Kiss</b> , Cosmin Farcau	2.453
40.	First Analytical Study on Second-Century Wall Paintings from Ulpia Traiana Sarmizegetusa: Insights on the Materials and Painting Technique	International Journal of Architectural Heritage, vol. 14, nr. 5, pp. 751-761, DOI: 10.1080/15583058.2019.1568614, 2020	<b>I.M. Cortea</b> , <b>L. Ghervase</b> , O. Țentea, <b>A.C. Pârâu</b> , <b>R. Rădvan</b>	1.853
41.	GeSn/SiO <sub>2</sub> multilayers by magnetron sputtering deposition for short-wave infrared photonics	ACS Applied Materials & Interfaces, 10.1021/acsami.0c15887, 2020	A. Slav, I. Dascalescu, A.M. Lepadatu, C. Palade, <b>N.C. Zoita</b> , H. Stroescu, S. Iftimie, S. Lazanu, M. Gartner, D. Buca, V.S. Teodorescu, M.L. Ciurea, <b>M. Braic</b> , T. Stoica	8.758
42.	Graphene oxide-based silico-phosphate composite films for optical limiting of ultrashort near-infrared laser pulses	Nanomaterials, vol. 10, nr. 9, pp. 1638, <a href="https://doi.org/10.3390/nano10091638">https://doi.org/10.3390/nano10091638</a> , 2020	Adrian Petris, <b>Ileana Cristina Vasiliu</b> , Petronela Gheorghe, <b>Ana Maria Iordache</b> , Laura Ionel, Laurentiu Rusen, <b>Stefan Iordache</b> , <b>Mihai Elisa</b> , Roxana Trusca, Dumitru Ulieru, Samaneh Etemadi, Rune Wendelbo, Juan Yang, Knut Thorshaug	4.324
43.	Graphene Oxides/Carbon Nanotubes-Hydroxyapatite Nanocomposites for Biomedical Applications	Arabian Journal for Science and Engineering, vol. 45, pp. 219-227, <a href="https://doi.org/10.1007/s13369-019-04058-4">https://doi.org/10.1007/s13369-019-04058-4</a> , 2020	B. Barabas, E. de Souza Avila, L.O. Ladeira, L.M. Antonio, R. Totos, <b>D. Simedru</b> , L. Bizo, <b>O. Cadar</b>	1.711
44.	High power impulse magnetron sputtering of	Journal of Vacuum Science & Technology B,	Tomas Kubart, Asim Aijaz, Joakim Andersson, Fabio	2.166

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	diamond-like carbon coatings	vol. A38, nr. 043408 , doi.org/10.1116/6.00000 70, 2020	Ferreira, João Carlos Oliveira, Arcadie Sobetskii, <b>Anca Constantina Parau,</b> <b>Catalin Vitelaru</b>	
45.	Hindcasting the First Tornado Forecast in Europe: 25 June 1967	Weather and Forecasting, vol. 35, nr. 2, pp. 471-436, 10.1175/WAF-D-19- 0173.1, 2020	<b>Antonescu B,</b> Púçik T, Schultz DM	2.95
46.	Human health risk assessment of some bottled waters from Romania	Environmental Pollution, vol. 267, nr. 115409 , DOI: 10.1016/j.envpol.2020.11 5409, 2020	T. Dippong, <b>M. A. Hoaghia,</b> C. Mihali, E. Cical, M. Calugaru	6.793
47.	Hydroxyapatite surfaces functionalized with a self- assembling peptide: XPS, RAIRS and NEXAFS study	Nanomaterials, vol. 10, nr. 1151, pp. 1-14, 10.3390/nano10061151, 2020	V. Secchi, S. Franchi, M. Dettin, A. Zamuner, K. Beranova, <b>A. Vladescu,</b> C. Battocchio, V. Graziani, L. Tortora, G. Iucci	4.324
48.	Impact of anthropogenic activities on water quality parameters of glacial lakes from Rodnei mountains, Romania	Environmental Research, vol. 182, nr. 109136, DOI: 10.1016/j.envres.2020.10 9136 , 2020	O. M. Rosca, T. Dippong, M. Marian, C. Mihali, L. Mihalescu, <b>M. A. Hoaghia,</b> M. Jelea	5.715
49.	Impact of Cu <sup>2+</sup> substitution by Co <sup>2+</sup> on the structural and magnetic properties of CuFe <sub>2</sub> O <sub>4</sub> synthesized by sol-gel route	Materials Characterization, vol. 163, nr. 110248, https://doi.org/10.1016/j. matchar.2020.110248, 2020	T. Dippong, I. G. Deac, <b>O.</b> <b>Cadar, E. A. Levei,</b> I. Petean	3.562
50.	Improvement of CoCr alloy characteristics by Ti- based carbonitride coatings used in orthopedic applications	Coatings, vol. 10, nr. 459, doi.org/10.3390/coatings 10050495, 2020	<b>Mihaela Dinu, Iulian Pana,</b> <b>Petronela Scripca,</b> Ioan Gabriel Sandu, <b>Catalin</b> <b>Vitelaru, Alina Vladescu</b>	2.436
51.	In situ fluorescence measurements of dissolved organic matter: A review	SCIENCE OF THE TOTAL ENVIRONMENT, vol. 699, nr. 134361, pp. 1-16, 10.1016/j.scitotenv.2019. 134361, 2020	<b>Elfrida M. Carstea, Cristina</b> <b>L. Popa,</b> Andy Baker, John Bridgeman	6.551
52.	Chalcogenide Science in Romania	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, vol. 257, nr. 11, 10.1002/pssb.202000284, 2020	Lorinczi, A; Badica, P; Botila, T; Ciurea, M; Velea, A; <b>Popescu, A;</b> Socol, G; Antohe, S; Nedelcu, N; Sobetskii, A	1.481
53.	In Vitro Corrosion and Tribocorrosion Performance of Biocompatible Carbide Coatings	Coatings, vol. 10, pp. 1- 16, 10.3390/coatings1007065 4, 2020	<b>I. Pana, A. Vladescu, L.R.</b> <b>Constantin,</b> I.G. Sandu, <b>M.</b> <b>Dinu,</b> C.M. Cotrut	2.436
54.	Influence of Cu <sup>2+</sup> , Ni <sup>2+</sup> ,	Nanomaterials, vol. 10(3),	T. Dippong, <b>E.A. Levei,</b> I.G.	4.324

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	and Zn <sup>2+</sup> Ions Doping on the Structure, Morphology, and Magnetic Properties of Co-Ferrite Embedded in SiO <sub>2</sub> Matrix Obtained by an Innovative Sol-Gel Route	nr. 580, doi:10.3390/nano10030580, 2020	Deac, <b>E. Neag</b> , <b>O. Cadar</b>	
55.	Influence of ferrite to silica ratio and thermal treatment on porosity, surface, microstructure and magnetic properties of Zn <sub>0.5</sub> Ni <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> nanocomposites	Journal of Alloys and Compounds , vol. 828, nr. 154409 , <a href="https://doi.org/10.1016/j.jallcom.2020.154409">https://doi.org/10.1016/j.jallcom.2020.154409</a> , 2020	T. Dippong, <b>O. Cadar</b> , I.G. Deac, M. Lazar, G. Borodi, <b>E.A. Levei</b>	4.65
56.	Interference-free, green microanalytical method for total mercury and methylmercury determination in biological and environmental samples using small-sized electrothermal vaporization capacitively coupled plasma microtorch optical emission spectrometry	Talanta, vol. 217, nr. 121067, DOI: <a href="https://doi.org/10.1016/j.talanta.2020.121067">10.1016/j.talanta.2020.121067</a> , 2020	S. B. Angyus, E. Darvasi, M. Ponta, D. Petreus, R. Etz, <b>M. Senila</b> , <b>M. Frentiu</b> , T. Frentiu	5.339
57.	Investigation of multifractal cross-correlation surfaces of Hurst exponents for some atmospheric pollutants	PHYSICA A-Statistical Mechanics And Its Applications, vol. 545, pp. 1-16, <a href="https://doi.org/10.1016/j.physa.2019.123799">https://doi.org/10.1016/j.physa.2019.123799</a> , 2020	Stan C, <b>Marmureanu L</b> , <b>Marin C</b> , Cristescu CP	2.924
58.	Investigation of thermal, structural, morphological and photocatalytic properties of Cu <sub>x</sub> Co <sub>1-x</sub> Fe <sub>2</sub> O <sub>4</sub> (0 ≤ x ≤ 1) nanoparticles embedded in SiO <sub>2</sub> matrix	Materials Characterization, vol. 163, nr. 110268, <a href="https://doi.org/10.1016/j.matchar.2020.110268">https://doi.org/10.1016/j.matchar.2020.110268</a> , 2020	T. Dippong, <b>E. A. Levei</b> , C. L. Lengauer, A. Daniel, D. Toloman, <b>O. Cadar</b>	3.562
59.	Investigation on Metal Adornments From Ancient Eastern Europe	Frontiers in Materials, vol. 7, nr. 600913, pp. 1-13, <a href="https://10.3389/fmats.2020.600913">https://10.3389/fmats.2020.600913</a> , 2020	<b>L. Ghervase</b> , <b>M. Dinu</b> , C. Borș. <b>L.M. Angheluță</b> , <b>R. Rădvan</b> , <b>I.M. Cortea</b>	2.705
60.	Kinetics and equilibrium studies for the removal of Mn and Fe from binary metal solution systems	Water, vol. 12, nr. 6, pp. 1614, <a href="https://doi.org/10.3390/w12061614">https://doi.org/10.3390/w12061614</a> , 2020	<b>E. Neag</b> , <b>A.I. Török</b> , <b>C. Tanaselia</b> , I. Aschilean, <b>M. Senila</b>	2.544



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	using a romanian thermally activated natural zeolite			
61.	Laser cleaning of polychrome artworks. Case study on graffiti	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, vol. 82, nr. 1, pp. 307-316, ISSN 12237027, 2020	<b>G.R. Dascălu, M.C. Stancu, M. Dinu, N. Pușcaș</b>	0.619
62.	Magnesium doped hydroxyapatite-based coatings obtained by pulsed galvanostatic electrochemical deposition with adjustable electrochemical behavior	Coatings, vol. 10, pp. 1-15, 10.3390/coatings10080727, 2020	D.M. Vranceanu, I.C. Ionescu, E. Ungureanu, M.O. Cojocaru, <b>A. Vladescu, C.M. Cotrut</b>	2.436
63.	Microstructure, porosity and magnetic properties of Zn <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> nanocomposites prepared by sol-gel method using different polyols	Journal of Magnetism and Magnetic Materials, vol. 498(15), nr. 166168, <a href="https://doi.org/10.1016/j.jmmm.2019.166168">https://doi.org/10.1016/j.jmmm.2019.166168</a> , 2020	T. Dippong, <b>O. Cadar, E.A. Levei, I.G. Deac</b>	2.717
64.	Multidisciplinary approach for time-framing of an overpainted wooden iconostasis from Southern Romania	Microchemical Journal, vol. 155, nr. 104685, <a href="https://doi.org/10.1016/j.microc.2020.104685">https://doi.org/10.1016/j.microc.2020.104685</a> , 2020	Irina Huica, <b>Ioana Maria Cortea, Lucian Cristian Ratoiu, Luminita Ghervase, Roxana Rădvan, Dan Mohanu</b>	3.594
65.	Multinary metal alloys of the Heusler, half-Heusler, dilute magnetic semiconductors, and high entropy families: how would spin make a choice?	Journal of Optoelectronics and Advanced Materials, vol. 22, nr. 11, pp. 647-652, 1454 - 4164, 2020	<b>C.E.A. Grigorescu, C.N. Zoita, A. Sobetkii, A.-M. Iordache, S.-M. Iordache, C.R. Stefan, M.I. Rusu, L. Tortet, A. Tonetto, R. Notonier</b>	0.631
66.	Determination of changes in the microbial and chemical composition of aga cheese during maturation	PLOS ONE, vol. 15, nr. 12, 10.1371/journal.pone.0242824, 2020	Criste, A; Copolovici, L; Copolovici, D; <b>Kovacs, M;</b> Madden, RH; Corcionivoschi, N; Gundogdu, O; Berchez, M; Urcan, AC	2.74
67.	Online Chemical Characterization and Source Identification of Summer and Winter Aerosols in Magurele, Romania	Atmosphere, vol. 11, nr. 4, pp. 1-27, 10.3390/atmos11040385, 2020	<b>Marmureanu L, Vasilescu J, Slowik J, Prevot ASH, Marin CA, Antonescu B, Vlachou A, Nemuc A, Dandocsi A, Szidat S</b>	2.397
68.	Optical reflection of As <sub>2</sub> Se <sub>3</sub> -Au plasmonic	UPB Scientific Bulletin, Series A: Applied	<b>Aurelian A. Popescu, Dan Savastru, Mihai Stafe,</b>	0.619

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	planar structure for chemical sensors applications	Mathematics and Physics, vol. 82, nr. 4, pp. 195-200, 1223-7027, 2020	<b>Sorin Miclos, Laurentiu Baschir, Niculae N. Puscas</b>	
69.	Optimization of High-Pressure Extraction Process of Antioxidant Compounds from Feteasca regala Leaves Using Response Surface Methodology	Molecules, vol. 25, nr. 4209, <a href="https://doi.org/10.3390/molecules25184209">https://doi.org/10.3390/molecules25184209</a> , 2020	<b>A. Becze, V. L Babalau-Fuss, C. Varaticeanu, C. Roman</b>	3.267
70.	Optoelectronic investigation of the mural paintings from Dragutesti wooden church, Arges County, Romania	Journal of Optoelectronics and Advanced Materials, vol. 22, nr. 5-6, pp. 303-309, 1454-4164, 2020	<b>M. Dinu, I.M. Corcea, L. Ghervase, M.C. Stancu, I. Mohanu, N. Cristea</b>	0.631
71.	Organochlorine pesticides and dissolved organic matter within a system of urban exorheic lakes	Environmental Monitoring and Assessment, vol. 192, nr. 1, 10.1007/s10661-019-8003-1, 2020	<b>Cristina Liana Popa, Simona Ionela Dontu, Elfrida Mihaela Carstea, Erika Andrea Levei, Cristian Ioja, Ana Maria Popa, Mirela Miclean, Oana Cadar</b>	1.903
72.	Performance Parameters of Inductively Coupled Plasma Optical Emission Spectrometry and Graphite Furnace Atomic Absorption Spectrometry Techniques for Pd and Pt Determination in Automotive Catalysts	Materials, vol. 13, pp. 5136, doi:10.3390/ma1322513, 2020	<b>M. Senila, O. Cadar, L. Senila, S. Boringer, K. Seaudeau-Pirouley, A. Ruiu, P. Lacroix-Desmazes</b>	3.057
73.	Physical degradation detection on artwork surface polychromies using deep learning models	Romanian Reports in Physics, vol. 72, nr. 805 (2020), pp. 1-10, ISSN 121-1451, 2020	<b>L.M. Angheluță, A. Chiroșca</b>	2.147
74.	Physicochemical characterization of electrodeposited printing plates from the early 1840s in Vienna	Microchemical Journal, vol. 152, pp. 104320, DOI: 10.1016/j.microc.2019.104320, 2020	V.L. Tobisch, <b>I.M. Corcea, L. Ratoiu, R. Rădvan, W. Kautek</b>	3.594
75.	In Vitro Corrosion of Titanium Nitride and Oxynitride-Based Biocompatible Coatings Deposited on Stainless Steel	Coatings, vol. 10, nr. 8, 10.3390/coatings10080710, 2020	<b>Pana, I; Braic, V; Dinu, M; Mouele, ESM; Parau, AC; Petrik, LF; Braic, M</b>	2.436
76.	Promising polymer-	Journal of CO2 Utilization,	A. Ruiu, B. Bauer-	5.993

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	assisted extraction of palladium from supported catalysts in supercritical carbon dioxide	vol. 41, nr. 101232, <a href="https://doi.org/10.1016/j.jcou.2020.101232">https://doi.org/10.1016/j.jcou.2020.101232</a> , 2020	Siebenlist, <b>M. Senila</b> , T. Janisch, D. Foix, K. Seaudeau-Pirouley, P. Lacroix-Desmazes	
77.	Proportional and bang-bang controller for space vehicle de-tumbling using quaternion-based attitude determination	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, vol. 82, nr. 3, pp. 205-218, 1223-7027, 2020	Florin Mingireanu, <b>Laurentiu Baschir*</b> , <b>Sorin Miclos</b> , <b>Dan Savastru</b> , Nicolae Jula	0.619
78.	Pulsed laser deposition films based on CdSe-doped zinc aluminophosphate glass	JOM, <a href="https://doi.org/10.1007/s11837-020-04150-3">https://doi.org/10.1007/s11837-020-04150-3</a> , 2020	<b>M. Elisa</b> , <b>S.-M. Iordache</b> , <b>A.-M. Iordache</b> , <b>M. I. Rusu</b> , G. Socol, M. Filipescu, C. Bartha, M. Enculescu	2.054
79.	Phenolic content and antioxidant capacity of pomace and canes extracts of some vitis vinifera varieties cultivated in Romania	Farmacia, vol. 68, nr. 1, pp. 15-21, <a href="https://doi.org/10.31925/farmacia.2020.1.3">10.31925/farmacia.2020.1.3</a> , 2020	Moldovan, ML; Bogdan, C; Iurian, S; <b>Roman, C</b> ; Oniga, I; Benedec, D	1.607
80.	Quality and Health Risk Assessment Associated with Water Consumption- A Case Study on Karstic Springs	Water, vol. 12(12), nr. 3510, doi:10.3390/w12123510, 2020	<b>A. Moldovan</b> , <b>M. A. Hoaghia</b> , <b>E. Kovacs</b> , I. C. Mirea, M. Kenesz, R. A. Arghir, A. Petculescu, <b>E. A. Levei</b> , O. T. Moldovan	2.544
81.	Rapid detection of walnut and pumpkin oil adulteration using Raman spectroscopy and partial least square methodology	Notulae Botanicae Horti Agrobotanici Cluj-Napoca, vol. 48, nr. 3, pp. 1426-1438, DOI:10.15835/nbha48312024, 2020	<b>A. Becze</b> , <b>D. Simedru</b>	1.168
82.	Reduced graphene oxide today	Journal of Materials Chemistry C, vol. 8, nr. 4, pp. 1198-1224, DOI: 10.1039/C9TC04916A, 2020	R. Tarcan, <b>O. Todor-Boer</b> , I. Petrovai, C. Leordean, S. Astilean, I. Botiz	7.059
83.	Role of non-fluorescent chromophores in inner filter effect correction and PARAFAC decomposition	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, vol. 229, <a href="https://doi.org/10.1016/j.saa.2019.117878">10.1016/j.saa.2019.117878</a> , 2020	<b>Elfrida M. Carstea</b> , Stéphan Mounier, Rolan Redon, <b>Cristina L. Popa</b>	3.232
84.	Satellite validation strategy assessments based on the AROMAT campaigns	Atmospheric Measurement Techniques, vol. 13, nr. 10, pp. 5513-5535, <a href="https://doi.org/10.5194/amt-13-5513-2020">10.5194/amt-13-5513-2020</a> , 2020	Merlaud A, <b>Belegante L</b> , Constantin DE, Den Hoed M, Meier AC, Allaart M, Ardelean M, Arseni M, Bosch T, Brenot, H, Calcan A, Dekemper E, Donner S, Dorner S, Dragomir MCB,	3.668

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85.	Single Source Precursor for PAD-LaMnO3 Thin Films	Crystals, vol. 10(9), nr. 851, DOI: 10.3390/cryst10090851, 2020	R.B. Sonher, R.A. Varga, M.Nasui, T. Petrisor, M.S. Gabor, <b>M. Senila</b> , A. Rufoloni, T. Petrisor, L. Ciontea	2.404
86.	Spatial variation of organochlorine pesticides and dissolved organic matter in urban closed lakes	Journal Of Environmental Science And Health Part B-Pesticides Food Contaminants And Agricultural Wastes, pp. 1-14, <a href="https://doi.org/10.1080/03601234.2019.1697141">https://doi.org/10.1080/03601234.2019.1697141</a> , 2020	<b>Cristina L. Popa, Simona I. Dontu, Erika A. Levei</b> , Cristian I. Ioja, Ana-Maria Popa, <b>Mirela Miclean, Maria-Alexandra Hoaghia, Oana Cadar, Elfrida M. Carstea</b>	1.697
87.	Spatio-temporal discrimination of molecular, aerosol and cloud scattering and polarization using a combination of a Raman lidar, Doppler cloud radar and microwave radiometer	OPTICS EXPRESS, vol. 28, nr. 14, pp. 20117-20134, 10.1364/OE.393625, 2020	Wang DX, Stachlewska IS, Delanoe J, <b>Ene D</b> , Song XQ, Schuettemeyer D	3.669
88.	Spin coating immobilisation of C-N-TiO2 co-doped nano catalyst on glass and application for photocatalysis or as electron transporting layer for perovskite solar cells	Coatings, vol. 10, nr. 1029, pp. 1-24, 10.3390/coatings10111029, 2020	E.S.M. Mouele, S. Ngqoloda, S. Pescetelli, A. Di Carlo, <b>M. Dinu, A. Vladescu, A.C. Parau</b> , A. Agresti, <b>M. Braic</b> , C.J. Arendse, L.F. Petrik	2.436
89.	Study of Clear Air Turbulence Related to Tropopause Folding over the Romanian Airspace	ATMOSPHERE, vol. 11, nr. 10, pp. 1-24, 10.3390/atmos11101099, 2020	Stefan S, <b>Antonescu B</b> , Urlea AD, Buzdugan L, Andrei MD, Necula C, Voinea S	2.397
90.	SURFACE PLASMON RESONANCE IN As2Se3 PLANAR WAVEGUIDES	Chalcogenide Letters, vol. 17, nr. 3, pp. 59-64, 1584-8663, 2020	<b>A. A. Popescu, D. Savastru, L. Baschir*</b> , V. V. Verlan, O. Bordian, M. Stafe, N.	0.779

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91.	SURFACE PLASMON RESONANCE USING As <sub>2</sub> S <sub>3</sub> FILM FOR WATER SALINITY DETERMINATION	Chalcogenide Letters, vol. 17, nr. 1, pp. 33-39, 1584-8663, 2020	<b>L. Baschir*</b> , <b>S. Miclos</b> , <b>D. Savastru</b> , <b>A. A. Popescu</b>	0.779
92.	Sustainability problematization and modeling opportunities	Sustainability, vol. 12, nr. 23, pp. 10046, <a href="https://doi.org/10.3390/su122310046">https://doi.org/10.3390/su122310046</a> , 2020	<b>E. Kovacs</b> , <b>M.A. Hoaghia</b> , <b>L. Senila</b> , <b>D. A. Scurtu</b> , D. E. Dumitras, <b>C. Roman</b>	2.576
93.	Sustainable biomass pellets production using vineyard wastes	Agriculture-Basel, vol. 10, nr. 11, pp. 501, doi:10.3390/agriculture10110501, 2020	<b>L. Senila</b> , I. Tenu, P. Carlescu, O. R. Corduneanu, E. P. Dumitrachi, <b>E. Kovacs</b> , <b>D. A. Scurtu</b> , <b>O. Cadar</b> , <b>A. Becze</b> , <b>M. Senila</b> , <b>M. Roman</b> , D. E. Dumitras, <b>C. Roman</b>	2.072
94.	Synthesis and characterization of a titanium phosphate-tellurite glass for Faraday rotators	Journal of the American Ceramic Society, vol. 103, nr. 7, pp. 3978-3990, <a href="https://doi.org/10.1111/jace.17071">https://doi.org/10.1111/jace.17071</a> , 2020	<b>Elisa Mihail</b> , Boroica Lucica, Sava Bogdan Alexandru, <b>Iordache Stefan Marian</b> , <b>Iordache Ana-Maria</b> , <b>Vasiliu Ileana Cristina</b> , <b>Stefan Raluca Constantina</b> , Galca Aurelian Catalin, Kuncser Victor, M. Eftimie	3.502
95.	Temperature detector based on a SILPG structure embedded into polymer matrix of a smart composite material	Composite Structures, vol. 245, <a href="https://doi.org/10.1016/j.compstruct.2020.112318">https://doi.org/10.1016/j.compstruct.2020.112318</a> , 2020	<b>D.Savastru</b> , <b>L.Baschir</b> , <b>S.Miclos</b> , <b>R.Savastru</b> , <b>I.I.Lancranjan</b>	5.138
96.	Temporal Trend of PM(10)and Associated Human Health Risk over the Past Decade in Cluj-Napoca City, Romania	Applied Sciences-Basel, vol. 10, nr. 15, pp. 1-13, 10.3390/app10155331, 2020	<b>Levei L</b> , <b>Hoaghia MA</b> , <b>Roman M</b> , <b>Marmureanu L</b> , Moisa C, <b>Levei EA</b> , Ozunu A, <b>Cadar O</b>	2.474
97.	Testing different membrane filters for 16s rna gene-based metabarcoding in karstic springs	Water, vol. 12(12), nr. 3400, doi:10.3390/w12123400, 2020	O. T. Moldovan, A. Baricz, E. Szekeres, M. Kenesz, <b>M. A. Hoaghia</b> , <b>E. A. Levei</b> , I. C. Mirea, R. Nastase-Bucur, T. Brad, I. Chiciudean, H. L. Banciu	2.544
98.	The level of polycyclic aromatic hydrocarbons (PAHs) from pork meat depending on the heat treatment applied	Romanian Biotechnological Letters, vol. 25, nr. 3, pp. 1601-1606, doi: 10.25083/rbl/25.3/1601.1	A. Coroian, V. Mireșan, C. O. Coroian, C. Răducu, D.Cocan, L. Andronie, <b>A. Naghiu</b> , A. L. Longodor, R. Constantinesc, Z. Marchiș	0.765

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99.	Tornadoes in Northern Eurasia: From the Middle Age to the Information Era	Monthly Weather Review, vol. 148, nr. 8, pp. 3081-3110, 10.1175/MWR-D-19-0251.1, 2020	Chernokulsky A, Kurgansky M, Mokhov I, Azhigov I, Selezneva E, Zakharchenko D, <b>Antonescu B</b> , Kuhne T	3.435
100.	Tornadoes in Romania-from Forecasting and Warning to Understanding Public's Response and Expectations	Atmosphere, vol. 11, nr. 9, pp. 1-26, <a href="https://doi.org/10.3390/atmos11090966">https://doi.org/10.3390/atmos11090966</a> , 2020	<b>Andrei S</b> , Andrei M, Hustiu M, Cheval S, <b>Antonescu B</b>	2.397
101.	Towards Phase Pure Kesterite Cu <sub>2</sub> ZnSnS <sub>4</sub> Absorber Layers Growth via Single Step Free Sulfurization Electrodeposition under a Fix Applied Potential on Mo Substrate	Journal of Alloys and Compounds, vol. 842, <a href="https://doi.org/10.1016/j.jallcom.2020.155821">https://doi.org/10.1016/j.jallcom.2020.155821</a> , 2020	S. Azmi, A. Moujib, O.A. Layachi, E. Matei, A.C. Galca, M.Y. Zaki, M. Secu, <b>M.I. Rusu, C.E.A. Grigorescu</b> , E. M. Khoumri	4.65
102.	Tribological properties of alloyed TiSi-stainless steel carbide coatings deposited by reactive cathodic arc method	Wear, vol. 460-461, nr. 203456, pp. 1-10, 10.1016/j.wear.2020.203456, 2020	<b>M Braic, A. Vladescu, A. Parau, C.I. Pruncu, V. Braic</b>	4.108
103.	Uncovering hidden jewels: an investigation of the pictorial layers of an 18th-century Taskin harpsichord	Heritage Science, vol. 8, nr. 55, pp. 1-19, : <a href="https://doi.org/10.1186/s40494-020-00401-3">https://doi.org/10.1186/s40494-020-00401-3</a> , 2020	<b>I.M. Cortea, L. Ghervase, L. Ratoiu, M. Dinu, R. Rădvan</b>	1.902
104.	Variability of the Boundary Layer Over an Urban Continental Site Based on 10 Years of Active Remote Sensing Observations in Warsaw	Remote Sensing, vol. 12, nr. 2, pp. 1-33, 10.3390/rs12020340, 2020	Wang DX, Stachlewska IS, Song XQ, Heese B, <b>Nemuc A</b>	4.509
105.	Vine shoots waste - new resources for bioethanol production	Romanian Biotechnological Letters, vol. 25, nr. 1, pp. 1253-1259, DOI: 10.25083/rbl/25.1/1253.1259, 2020	<b>L. Senila, E. Neag, I. Torok, O. Cadar, E. Kovacs, I. Tenu, C. Roman</b>	0.765

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1.	A comparison between chinese finger trap and roman sandals suture in peritoneal dialysis catheters for chronic	Industria Textila, vol. 1, nr. 1, pp. 8-11, 10.35530/IT.071.01.1722, 2020	B.A. VIȚĂLARU, A. CHIOTOROIU, <b>M.I. RUSU*</b> , M. CARMEN
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	kidney disease applied in veterinary medicine		
2.	Bioethanol production from Abies Alba wood using adaptive neural fuzzy interference system mathematical modeling	Cellulose Chemistry and Technology, vol. 54, nr. 1-2, pp. 53-64, DOI: 10.35812/CelluloseChemTechnol.2020.54.06, 2020	<b>L. Senila, S. Costiug, A. Becze, D. Kovacs, E. Kovacs, D. A. Scurtu, O. Todor-Boer, M. Senila</b>
3.	Biofunctionalization of Ti6Al4V surface with Ag modified hap coatings via electrochemical deposition	University Politehnica Of Bucharest Scientific Bulletin Series B-Chemistry And Materials Science, vol. 82, nr. 4, pp. 307-324, 1454-2331, 2020	Ungureanu, E; Ionescu, IC; Zamfir-Andronic, RI; Vasilescu, M; Milea, CG; Dobrescu, M; Vranceanu, DM; <b>Cotrut, CM</b>
4.	Experimental model of a combined thermal system for efficient use of renewable energies	INMATEH-Agricultural Engineering, vol. 60, nr. 1, pp. 287-294, DOI: <a href="https://doi.org/10.35633/inmateh-60-32">https://doi.org/10.35633/inmateh-60-32</a> , 2020	<b>Cătălin Dumitrescu, Radu Rădoi, Corneliu Cristescu, Liliana Dumitrescu</b>
5.	Hyperspectral Imaging Combined with Machine Learning Classifiers for Diabetic Leg Ulcer Assessment – A Case Study.	Communications in Computer and Information Science, vol. 1065, pp. 74-85, <a href="https://doi.org/10.1007/978-3-030-39343-4_7">https://doi.org/10.1007/978-3-030-39343-4_7</a> , 2020	<b>Calin MA, Parasca SV, Manea D, Savastru R.</b>
6.	Meteorological and Ancillary Data Resources for Climate Research in Urban Areas	Climate, vol. 8, nr. 3, pp. 1-25, 10.3390/cli8030037, 2020	Cheval S, Micu D, Dumitrescu A, Irimescu A, Frighenciu M, Iojă C, Tudose NT, Davidescu S, <b>Antonescu B</b>

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1.	ACTRIS and its aerosol remote sensing component	EPJ Web of Conferences, vol. 237, pp. 1-4, <a href="https://doi.org/10.1051/epjconf/202023705003">https://doi.org/10.1051/epjconf/202023705003</a> , 2020	Wandinger U, <b>Nicolae D</b> , Pappalardo G, Mona L, Comeron A
2.	Aerosol field influence on the retrieval of the ozone vertical column densities from Pandora 2S measurements	EPJ Web of Conferences, vol. 237, pp. 1-4, <a href="https://doi.org/10.1051/epjconf/202023703002">https://doi.org/10.1051/epjconf/202023703002</a> , 2020	<b>Dandocsi A, Nemuc A, Nicolae D, Belegante L</b> , Cede A, Tiefengraber M
3.	Assessing climate impacts on urban forest changes using time series satellite data	Proc. SPIE, Eighth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2020), 10.1117/12.2570453, 2020	<b>Dan M. Savastru, Maria A. Zoran, Roxana S. Savastru</b>
4.	Assessing the long term stability of the depolarization constant for the Cluj station	EPJ Web of Conferences, vol. 237, pp. 1-2, <a href="https://doi.org/10.1051/epjconf/202023708006">https://doi.org/10.1051/epjconf/202023708006</a> , 2020	Stefanie H, Ajtai N, Radovici A, <b>Ene D, Belegante L</b>
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