

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

Nr crt	TITLUL	REVISTA	AUTORII	FI
Publicate in reviste cotate ISI				
1.	Heteroepitaxial beta-Ga2O3 on Conductive Ceramic Templates: Toward Ultrahigh Gain Deep-Ultraviolet Photodetection	Advanced Materials Technologies, vol. 6, nr. 9, 10.1002/admt.20210014, 2021	Alfaraj, N., Li, K.-H., Alawein, M., Kang, C. H., Braic, L., Zoita, N. C., Kiss, A. E. , Ng, T. K., Ooi, B. S.	7.848
2.	A comparative investigation of hetero-epitaxial TiC thin films deposited by magnetron sputtering using either hybrid DCMS/HiPIMS or reactive DCMS process	APPLIED SURFACE SCIENCE, vol. 537, nr. 147903, pp. 1-10, 10.1016/j.apsusc.2020.147903, 2021	N.C. Zoita, M. Dinu, A.E. Kiss, C. Logofatu, M. Braic	6.707
3.	Assessing the impact of air pollution and climate seasonality on COVID-19 multiwaves in Madrid, Spain	Environmental Research, vol. 203, nr. 111849, pp. 1-20, 10.1016/j.envres.2021.111849, 2021	M. Zoran, R. Savastru, Dan Savastru, M. Tautan, L. Baschir, D. Tenciu	6.498
4.	Exploring the linkage between seasonality of environmental factors and COVID-19 waves in Madrid, Spain	Process Safety and Environmental Protection, vol. 152, pp. 583-600, 10.1016/j.psep.2021.06.043, 2021	Maria A.Zoran, Roxana S.Savastru, Dan M.Savastru, Marina N.Tautan, Laurentiu A.Baschir, Daniel V.Tenciu	6.158
5.	Aerosol type classification analysis using EARLINET multiwavelength and depolarization lidar observations	Atmospheric Chemistry and Physics, vol. 21, nr. 3, pp. 2211-2227, 10.5194/acp-21-2211-2021, 2021	M. Mylonaki, E. Giannakaki, A. Papayannis, C.A. Papanikolaou, M. Komppula, D. Nicolae, N. Papagiannopoulos, A. Amodeo, H. Baars, O. Soupiona	6.133
6.	Potential new tracers and their mass fraction in the emitted PM10 from the burning of household waste in stoves	Atmospheric Chemistry and Physics, vol. 21, nr. 23, pp. 17855-17864, 10.5194/acp-21-17855-2021, 2021	András Hoffer, Ádám Tóth, Beatrix Jancsek-Turóczy, Attila Machon, Aida Meiramova, Attila Nagy, Luminita Marmureanu , and András Gelencsér	6.133
7.	Pd-decorated CNT as sensitive material for applications in hydrogen isotopes sensing-	International Journal of Hydrogen Energy, vol. 46, nr. 18, pp. 11015-11024, 10.1016/j.ijhydene.2020.	Stefan Marian Iordache , Eusebiu Ilarian Ionete, Ana Maria Iordache , Eugenia Tanasa, Ioan Stamatin,	5.816

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	Application as gas sensor	12.193, 2021	Cristiana Eugenia Ana Grigorescu	
8.	Investigation on the formation, structural and photocatalytic properties of mixed Mn-Zn ferrites nanoparticles embedded in SiO ₂ matrix	Journal of Analytical and Applied Pyrolysis , vol. 158, pp. 105281, https://doi.org/10.1016/j.jaap.2021.105281 , 2021	T. Dippong, E.A. Levei , D. Toloman, L. Barbu-Tudoran, O. Cadar	5.541
9.	Detection of impurities using a SILPG sensor embedded into graphene reinforced composites	Composite Structures, vol. 256, nr. 113062, 10.1016/j.compstruct.2020.113062 , 2021	S.Miclos L.Baschir D.Savastru R.Savastru I.I.Lancranjan	5.407
10.	Impact of annealing temperature and ferrite content embedded in SiO ₂ matrix on the structure, morphology and magnetic characteristics of (Co _{0.4} Mn _{0.6} Fe ₂ O ₄) ₈ (SiO ₂) ₁₀₀₋₈ nanocomposites	Journal of Alloys and Compounds, vol. 868, pp. 159203, https://doi.org/10.1016/j.jallcom.2021.159203 , 2021	T. Dippong, E. A. Levei , C. Leostean, O. Cadar	5.316
11.	Analytical Performance and Validation of a Reliable Method Based on Graphite Furnace Atomic Absorption Spectrometry for the Determination of Gold Nanoparticles in Biological Tissues	NANOMATERIALS, vol. 11, nr. 12, pp. 3370, https://doi.org/10.3390/nano11123370 , 2021	O. Cadar , T. Mocan, C. Roman , M. Senila	5.076
12.	Effect of Silica Embedding on the Structure, Morphology and Magnetic Behavior of (Zn _{0.6} Mn _{0.4} Fe ₂ O ₄) ₈ (SiO ₂) ₍₁₀₀₋₈₎ Nanoparticles	NANOMATERIALS, vol. 11, pp. 2232, https://doi.org/10.3390/nano11092232 , 2021	T. Dippong, I. G. Deac, O. Cadar , E. A. Levei	5.076
13.	Recent advances in synthesis and applications of MFe ₂ O ₄ (M = Co, Cu, Mn, Ni, Zn) nanoparticles	NANOMATERIALS, vol. 11, nr. 6, pp. 1560, https://doi.org/10.3390/nano11061560 , 2021	T. Dippong, E.A. Levei , O. Cadar	5.076
14.	Sol-gel synthesis, structure, morphology and magnetic properties of Ni _{0.6} Mn _{0.4} Fe ₂ O ₄ nanoparticles embedded in SiO ₂ matrix	NANOMATERIALS, vol. 11, nr. 12, pp. 3455, https://doi.org/10.3390/nano11123455 , 2021	T. Dippong, E. A. Levei , I. G. Deac, I. Petean, G. Borodi, O. Cadar	5.076
15.	Synthesis, Characterisation, Photocatalytic Activity, and Aquatic Toxicity	NANOMATERIALS, vol. 11, pp. 1-14, 10.3390/nano11123197 , 2021	L. Andronic, A. Vladescu , A. Enesca	5.076

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	Evaluation of TiO ₂ Nanoparticles			
16.	Effect of heat-treatment temperature and zinc addition on magnetostructural and surface properties of manganese nanoferrite prepared by an ecofriendly sol-gel synthesis	Journal of Materials Research and Technology , vol. 15, pp. 6528-6540, https://doi.org/10.1016/j.jmrt.2021.11.073 , 2021	T. Dippong, I. G. Deac, M. D. Lazar, I. Petean, E. A. Levei , G. Borodi, O. Cadar	5.039
17.	Geometrical and Microphysical Properties of Clouds Formed in the Presence of Dust above the Eastern Mediterranean	Remote Sensing, vol. 13, nr. 24, pp. 5001, https://doi.org/10.3390/rs13245001 , 2021	Marinou, E.; Voudouri, K.A.; Tsikoudi, I.; Drakaki, E.; Tsekeri, A.; Rosoldi, M.; Ene, D. ; Baars, H.; O'Connor, E.; Amiridis, V.; Meleti, C.	4.848
18.	SAMIRA-SATellite Based Monitoring Initiative for Regional Air Quality	Remote Sensing, vol. 13, nr. 11, pp. 2219, 10.3390/rs13112219 , 2021	K. Stebel, I.S. Stachlewska, A. Nemuc , J. Horálek, P. Schneider, N. Ajtai, A. Diamandi, N. Benešová, M. Boldeanu , C. Botezan, J. Marková, R. Dumitrache, A. Iriza-Burcă, R. Juras, D. Nicolae , V. Nicolae , P. Novotný, H. Štefánie, L. Vaněk, O. Vlček, O. Zawadzka-Manko, C. Zehner	4.848
19.	Evaluation of surface modification techniques on the ability of apatite formation and corrosion behavior in synthetic body fluid: an in vitro study	Surfaces and Interfaces, vol. 22, nr. 100866, pp. 1-21, 10.1016/j.surfin.2020.100866 , 2021	C.M. Cotrut, I.C. Ionescu, E. Ungureanu, A. Berbecaru, R.I. Zamfir, A. Vladescu , D.M. Vranceanu	4.837
20.	A novel therapeutic phosphate-based glass improves full-thickness wound healing in a rat model	Biotechnology Journal, vol. 16, nr. 9, https://doi.org/10.1002/biot.202100031 , 2021	C.A. Taulescu, M. Taulescu, M. Suci, L.C. Bolundut, P. Pascuta, C. Toma, A. Urda-Campean, A. Dreanca, M. Senila , O. Cadar , R. Stefan	4.677
21.	Adsorption and desorption behavior of natural and synthetic active compounds on hydroxyapatite-based nanocomposites	Ceramics International, vol. 47, nr. 6, pp. 8584-8592, https://doi.org/10.1016/j.ceramint.2020.11.226 , 2021	R. Barabas, N.I. Farkas, C.L. Nagy, O. Cadar , C. Moisa, L. Bizo	4.527
22.	Application of inductively coupled plasma	Molecules, vol. 26, nr. 22, pp. 6788,	A. I. Torok , E.A. Levei , S.Constantin, O.T.	4.411

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	spectrometric techniques and multivariate statistical analysis in the hydrogeochemical profiling of caves—case study Cloșani, Romania	https://doi.org/10.3390/molecules26226788 , 2021	Moldovan, M. Senila , O. Cadar , D.Casoni, B. S. Angyus , C. Tanaselia , E. Covaci, T.Frentiu	
23.	Simultaneous determination of As, Bi, Sb, Se, Te, Hg, Pb and Sn by small-sized electrothermal vaporization capacitively coupled plasma microtorch optical emission spectrometry using direct liquid microsampling	Molecules, vol. 26, nr. 9, pp. 2642, https://doi.org/10.3390/molecules26092642 , 2021	S.B. Angyus , E. Levei , D. Petreus, R. Etz, E. Covaci, O.T. Moldovan, M. Ponta, E. Darvasi, T. Frentiu	4.411
24.	Simultaneous determination of vitamins D3 (Calcitriol, Cholecalciferol) and K2 (Menaquinone-4 and Menaquinone-7) in dietary supplements by UHPLC	Molecules, vol. 26, nr. 22, pp. 6982, https://doi.org/10.3390/molecules26226982 , 2021	A. Becze , V.L. Babalau , Fuss , D.A. Scurtu , M. Tomoaia-Cotisel, A. Mocanu, O. Cadar	4.411
25.	Supercritical CO ₂ extraction of palladium oxide from an aluminosilicate-supported catalyst enhanced by a combination of complexing polymers and piperidine	Molecules, vol. 26, nr. 3, pp. 684, https://doi.org/10.3390/molecules26030684 , 2021	A. Ruiu, B. Bauer-Siebenlist, M. Senila , W. S. J. Li, K. Seaudeau-Pirouley, P. Lacroix-Desmazes, T. Jänisch	4.411
26.	Comprehensive mineralogical and physicochemical characterization of recent sapropels from Romanian saline lakes for potential use in pelotherapy	SCIENTIFIC REPORTS, vol. 11, pp. 18633, https://doi.org/10.1038/s41598-021-97904-1 , 2021	A. Baricz, E. A. Levei , M. Șenilă , S. Cîntă Pînzaru, M. Aluaș, A. Vulpoi, C. Filip, C. Tripon, D. Dădârlat, D. M. Buda, F. V. Dulf, A. Pinteaa, A. Cristea, V. Muntean, Z. G. Keresztes, M. Alexe, H. L. Banciu	4.379
27.	Effect on Nutritional and functional characteristics by encapsulating Rose canina powder in enriched corn extrudates	Foods, vol. 10, nr. 10, pp. 2401, https://doi.org/10.3390/foods10102401 , 2021	M. Igual, M.S. Chiș, A. Păucean, D. C. Vodnar, F. Ranga, T. Mihăiescu, A. I. Török , A. Fărcaș, J.Martínez-Monzó, P. García-Segovia	4.35
28.	Food consumption patterns in Romania	Foods, vol. 10, nr. 11, pp. 2712,	D. E. Dumitras, R. Harun, F. H. Arion, D. I. Chiciudean,	4.35

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	during the COVID-19 pandemic	https://doi.org/10.3390/foods10112712 , 2021	E. Kovacs , C. F. Oroian, A. Porutiu, I.C. Muresan	
29.	Influence of Mn ²⁺ substitution with Co ²⁺ on structural, morphological and coloristic properties of MnFe ₂ O ₄ /SiO ₂ nanocomposites	Materials Characterization, vol. 172, pp. 110835, https://doi.org/10.1016/j.matchar.2020.110835 , 2021	T. Dippong, E.A. Levei , F. Goga, O. Cadar	4.342
30.	Intercomparison and characterization of 23 Aethalometers under laboratory and ambient air conditions: procedures and unit-to-unit variabilities	Atmospheric Measurement Techniques, vol. 14, nr. 4, pp. 3195-3216, 10.5194/amt-14-3195-2021 , 2021	A. Cuesta-Mosquera, G. Močnik, L. Drinovec, T. Müller, S. Pfeifer, M.C. Minguillón, B. Briel, P. Buckley, V. Dudoitis, J. Fernández-García, M. Fernández-Amado, J.F. De Brito, V. Riffault, H. Flentje, E. Heffernan, N. Kalivitis, A.C. Kalogridis, H. Keernik, L. Marmureanu , K. Luoma, A. Marinoni, M. Pikridas, G. Schauer, N. Serfozo, H. Servomaa, G. Titos, J. Yus-Díez, N. Zioła, A. Wiedensohler	4.176
31.	Polarization lidar for detecting dust orientation: system design and calibration	Atmospheric Measurement Techniques, vol. 14, nr. 12, pp. 7453-7474, 10.5194/amt-14-7453-2021 , 2021	Tsekeri A., Amiridis V., Louridas A., Georgoussis G., Freudenthaler V., Metallinos S., Doxastakis G., Gasteiger J., Siomos N., Paschou P., Georgiou T., Tsaknakis G., Evangelatos C., Biniotoglou I.	4.176
32.	A 41-year bioclimatology of thermal stress in Europe	INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol. 41, nr. 7, pp. 3934-3952, 10.1002/joc.7051 , 2021	B. Antonescu , L. Marmureanu , J. Vasilescu , C. Marin , S. Andrei , M. Boldeanu , D. Ene , A. Tilea	4.069
33.	Use of black poplar leaves for the biomonitoring of air pollution in an urban agglomeration	Plants, vol. 10, nr. 3, pp. 548, https://doi.org/10.3390/plants10030548 , 2021	L. Levei , O. Cadar , V. Babalau-Fuss , E. Kovacs , A. I. Torok , E. Andrea Levei , A.Ozunu	3.935
34.	Design, in vitro bioactivity and in vivo influence on oxidative stress and matrix metalloproteinases of bioglasses in experimental skin wound	Journal of Trace Elements in Medicine and Biology, vol. 68, pp. 126846, https://doi.org/10.1016/j.jtemb.2021.126846 , 2021	G.A. Filip, M. Achim, P. Mihalte, M.O. Miclaus, C. Cristea, G. Melinte, B. Gheban, D.M. Munteanu, O. Cadar , I. Slmon, O. Pana, L.B. Tudoran, S. Clichici, R. Stefan	3.849
35.	Uterine Artery	Diagnostics, vol. 11, nr.	Bohilea R, Ducu I, Mihai B,	3.706

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	Embolization Combined with Subsequent Suction Evacuation as Low-Risk Treatment for Cesarean Scar Pregnancy	12, pp. 2350, https://doi.org/10.3390/diagnostics11122350 , 2021	Iordache AM , Dorobat B, Vladareanu EM, Iordache SM , Bohiltea AT, Bacalbasa N, Grigorescu CEA , Varlas V	
36.	Assessment of Lithium, Macro- and Microelements in Water, Soil and Plant Samples from Karst Areas in Romania	Materials, vol. 14, nr. 14, pp. 4002, https://doi.org/10.3390/ma14144002 , 2021	A. I. Török, A. Moldovan, E. A. Levei, O. Cadar, C. Tănăsolia, O. T. Moldovan	3.623
37.	Effect of deep cryogenic treatment on corrosion behavior of AISI H13 die steel	Materials, vol. 14, pp. 1-13, 10.3390/ma14247863 , 2021	T. Shinde, C. Pruncu, N.B. Dhokey, A.C. Parau, A. Vladescu	3.623
38.	Evaluation of the impact of different natural zeolite treatments on the capacity of eliminating/reducing odors and toxic compounds	Materials, vol. 14, nr. 13, pp. 3724, https://doi.org/10.3390/ma14133724 , 2021	V. L. Babalau Fuss, G. Bruj, L. Dordai, M. Roman, O. Cadar, A. Becze	3.623
39.	Formation, Structure and Magnetic Properties of $MFe_2O_4@SiO_2$ (M = Co, Mn, Zn, Ni, Cu) Nanocomposites	Materials, vol. 14, nr. 5, pp. 1139, https://doi.org/10.3390/ma14051139 , 2021	T. Dippong, E. A. Levei, O. Cadar	3.623
40.	Immobilization of potentially toxic elements in contaminated soils using thermally treated natural zeolite	Materials, vol. 14, nr. 14, pp. 3777, https://doi.org/10.3390/ma14143777 , 2021	O. Cadar, Z. Dinca, M. Senila, A.I. Torok, F. Todor, E.A. Levei	3.623
41.	Thin Films Deposition of Ta ₂ O ₅ and ZnO by E-Gun Technology on Co-Cr Alloy Manufactured by Direct Metal Laser Sintering	Materials, vol. 14, pp. 1-13, 10.3390/ma14133666 , 2021	D.I. Baila, C. Vitelaru, R. Trusca, L. R. Constantin, A. Pacurar, C.A. Parau, R. Pacurar	3.623
42.	The Application of Electromagnetic Sensors for Determination of Cherenkov Cone Inside and in the Vicinity of the Detector Volume in Any Environment Known	Sensors, vol. 21, nr. 3, 10.3390/s21030992 , 2021	Valeriu Savu, Mădălin Ion Rusu * and Dan Savastru	3.576
43.	Magneto-optical properties of borophosphate glasses co-doped with Tb ³⁺ and	JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 568, pp. 120967, 10.1016/j.jnoncrysol.2021	M. C. Dinca, B. A. Sava, A. C. Galca, V. Kuncser, N. Iacob, G. E. Stan, L. Boroica, A. V. Filip, M.	3.531

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	Dy(3+)ions	.120967, 2021	Elisa	
44.	Peculiarities of the structural and optical properties of rare-earth-doped phosphate glasses for temperature sensing applications	JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 556, pp. 120569, https://doi.org/10.1016/j.jnoncrysol.2020.120569 , 2021	M. Elisa, S.-M. Iordache, A.-M. Iordache, I. C. Vasiliu, C. E. A. Grigorescu, B. A. Sava, L. Boroica, A. V. Filip, M. C. Dinca, C. Bartha, N. De Acha, C. Elosua Aguado,	3.531
45.	Rapid and application-tailored assessment tool for biogenic powders from crustacean shell waste: Fourier Transform-Infrared Spectroscopy Complemented with X-ray Diffraction, Scanning Electron Microscopy, and Nuclear Magnetic Resonance Spectroscopy	ACS Omega , vol. 6, nr. 42, pp. 27773-27780, https://doi.org/10.1021/acsomega.1c03279 , 2021	L. Ogresta, F. Nekvapil, T. Tămaş, L. Barbu-Tudoran, M. Suci, R. Hirian, M. Aluaş, G. Lazar, E. Levei , B. Glamuzina, S. Cintă Pinzaru	3.512
46.	Silicon-integrated monocrystalline oxide-nitride heterostructures for deep-ultraviolet optoelectronics	OPTICAL MATERIALS EXPRESS, vol. 11, nr. 12, pp. 4130-4144, 10.1364/OME.443872, 2021	N. Alfaraj, K. Li, C. Kang, L. Braic, N. C. Zoita, A. Kiss, T. Ng, and B. Ooi	3.442
47.	New evidence from hyperspectral imaging analysis on the effect of photobiomodulation therapy on normal skin oxygenation	Lasers in Medical Science, DOI: 10.1007/s10103-021-03397-9, 2021	Mihaela Antonina CALIN, Adrian MACOVEI, Roxana SAVASTRU, Adriana Sarah NICA, Sorin Viorel PARASCA	3.161
48.	Water quality and hydrogeochemical characteristics of some karst water sources in Apuseni Mountains, Romania	Water, vol. 13, nr. 6, pp. 857, https://doi.org/10.3390/w13060857 , 2021	M.-A. Hoaghia, A. Moldovan, E. Kovacs, I. C. Mirea, M. Kenesz, T. Brad, O. Cadar, V. Micle, E. A. Levei, O. T. Moldovan	3.103
49.	Ion release from hydroxyapatite and substituted hydroxyapatites in different immersion liquids: in vitro experiments and theoretical modelling study	ROYAL SOCIETY OPEN SCIENCE, vol. 8, nr. 1, pp. 201785, https://doi.org/10.1098/rsos.201785 , 2021	A. Mocanu, O. Cadar, P.T. Frangopol, I. Petean, G. Tomoaia, G.A. Paltinean, C. Pal Racz, O. Horrovitz, M. Tomoaia-Cotisel	2.963
50.	Corrosion Improvement of 304L Stainless Steel by ZrSiN and ZrSi(N,O) Mono- and Double-Layers	Coatings, vol. 11, pp. 1-19, 10.3390/coatings11101257, 2021	M. Dinu, A. C. Parau, A. Vladescu , A. E. Kiss, I. Pana, E. S. M. Mouele, L. F. Petrik, V. Braic	2.881

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	Prepared by Reactive Cathodic Arc Evaporation			
51.	Effect of Doping Element and Electrolyte's pH on the Properties of Hydroxyapatite Coatings Obtained by Pulsed Galvanostatic Technique	Coatings, vol. 11, pp. 1-15, 10.3390/coatings11121522, 2021	E. Ungureanu, D.M. Vranceanu, A. Vladescu , A. Parau , M. Tarcolea, C.M. Cotrut	2.881
52.	Functionalized Carbon Nanotubes for Chemical Sensing: Electrochemical Detection of Hydrogen Isotopes	Coatings, vol. 11, nr. 8, pp. 968, 10.3390/coatings11080968, 2021	Stefan-Marian Iordache , Eusebiu Ilarian Ionete, Ana-Maria Iordache , Ioan Stamatin, Nicolae Catalin Zoita , Arcadie Sobetkii, Cristiana Eugenia Ana Grigorescu	2.881
53.	Zn-Doped CaP-Based Coatings on Ti-6Al-4V and Ti-6Al-7Nb Alloys Prepared by Magnetron Sputtering: Controllable Biodegradation, Bacteriostatic, and Osteogenic Activities	Coatings, vol. 11, pp. 1-23, 10.3390/coatings11070809, 2021	K.A. Prosolov, D.V. Mitrichenko, A.B. Prosolov, O.O. Nikolaeva, V.V. Lastovka, O.A. Belyavskaya, V.A. Chebodaeva, I.A. Glukhov, L.S. Litvinova, V.V. Shupletsova, O.G. Khaziakhmatova, V.V. Malashchenko, K.A. Yurova, E.O. Shunkin, M.A. Fedorov, A.R. Komkov, V.V. Pavlenko, I.I. Anisenya, Y.P. Sharkeev, A. Vladescu , I.A. Khlusov,	2.881
54.	Valorization of vine tendrils resulted from pruning as densified solid biomass fuel (briquettes)	Processes, vol. 9, nr. 8, pp. 1409, https://doi.org/10.3390/p9081409 , 2021	I.Tenu, C. Roman , L. Senila , R. Rosca, P. Carlescu, M. Baetu, V. Arsenoia, E.P. Dumitrachi, O.R. Corduneanu	2.847
55.	Pedological characterization of soils in Gutai Mountains near a mining area, Romania	Environmental Earth Sciences, vol. 80, pp. 164, https://doi.org/10.1007/s12665-021-09473-1 , 2021	Z. Vosgan, T. Dippong, M.-A. Hoaghia , C. Mihali, L. Mihalescu	2.784
56.	A Decade of Poland-AOD Aerosol Research Network Observations	ATMOSPHERE, vol. 12, nr. 12, pp. 1583, 10.3390/atmos12121583, 2021	Markowicz K.M., Stachlewska I.S., Zawadzka-Manko O., Wang D., Kumala W., Chilinski M.T., Makuch P., Markuszewski P., Rozwadowska A.K., Petelski T., Zielinski T., Posyniak M., Kaminski J.W., Szkop A., Pietruczuk	2.686

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			A., Chojnicki B.H., Harenda K.M., Poczta P., Uscka-Kowalkowska J., Struzewska J., Werner M., Kryza M., Drzeniecka-Osiadacz A., Sawinski T., Remut A., Mietus M., Wiejak K., Markowicz J., Belegante L., Nicolae D.	
57.	Object-oriented classification approach for bone metastasis mapping from whole-body bone scintigraphy	Physica Medica, vol. 84, pp. 141-148, DOI: 10.1016/J.EJMP.2021.03.040, 2021	Mihaela Antonina CALIN , Florina-Gianina ELFARRA, Sorin Viorel PARASCA	2.685
58.	Investigation of ancient wall painting fragments discovered in the Roman baths from Alburnus Maior by complementary non-destructive techniques	Applied Sciences, vol. 1, nr. 10049, https://doi.org/10.3390/app112110049 , 2021	I.M.Cortea, L. Ratoiu, L. Ghervase, O. Țentea, M. Dinu	2.679
59.	Multi-Input Convolutional Neural Networks for Automatic Pollen Classification	Applied Sciences, vol. 11, nr. 24, pp. 11707, 10.3390/app112411707, 2021	Boldeanu, M. ; Cucu, H.; Burileanu, C.; Mărmureanu, L.	2.679
60.	Population Bias on Tornado Reports in Europe	APPLIED SCIENCES-BASEL, vol. 11, nr. 23, pp. 11485, https://doi.org/10.3390/app112311485 , 2021	R. Pirloaga, D. Ene, B. Antonescu	2.679
61.	Spatial Variation of Water Chemistry in Aries River Catchment, Western Romania	Applied Sciences, vol. 11, nr. 14, pp. 6592, https://doi.org/10.3390/app11146592 , 2021	A. Moldovan, M-A. Hoaghia, A. I. Török, M. Roman , I.C. Mirea, R. Barabas, V. Micle, O.Cadar	2.679
62.	Pulsed laser deposition films based on CdSe-doped zinc aluminophosphate glass	JOM, vol. 73, nr. 2, pp. 495-503, https://doi.org/10.1007/s11837-020-04150-3 , 2021	M. Elisa, S. M. Iordache, A.-M. Iordache, M. I. Rusu , G. Socol, M. Filipescu, C. Bartha, M. Enculescu	2.471
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