

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

Nr crt	TITLUL	REVISTA	AUTORII	FI
Publicate in reviste cotate ISI				
1.	Analysis of sulfate aerosols over Austria: a case study	Atmospheric Chemistry and Physics, vol. 19, nr. 9, pp. 6235-6250, 10.5194/acp-19-6235-2019, 2019	C. Talianu, P. Seibert	5.668
2.	A Century of Progress in Severe Convective Storm Research and Forecasting	Meteorological Monographs, vol. 59, 0065-9401, 2019 https://doi.org/10.1175/AMSMONOGRAPHS-D-18-0026.1	H. Brooks, C. Doswell, X. Zhang, A. Chernokulsky, E. Tochimoto, B. Hanstrum, E. de Lina Nascimento, D. Sills, B. Antonescu, B. Barret	1.94
3.	Building the Collaborative Carbon Column Observing Network (COCCON): long-term stability and ensemble performance of the EM27/SUN Fourier transform spectrometer	Atmospheric Measurement Techniques, vol. 12, nr. 3, pp. 1513-1530, 10.5194/amt-12-1513-2019, 2019	M. Frey, M.K. Sha, F. Hase, M. Kiel, T. Blumenstock, R. Harig, G. Surawicz, N.M. Deutcher, K. Shiomi, J.E. Franklin, H. Bosch, J. Chen, M. Grutter, D. Ene, H. Ohyama, Y. Sun, A. Butz, G.M. Tsidu, D. Wunch, Z. Cao, O. Garcia, M. Ramonet, F. Vogel, J. Orphal	3.4
4.	Fractionated Irradiation in Photobiomodulation Therapy of Ankle Sprain	American Journal of Physical Medicine & Rehabilitation, vol. 98, nr. 8, pp. 692-698, 10.1097/PHM.0000000000001178, 2019	M.A. Calin, A. Badila, A. Hristea, D. Manea, R. Savastru, A. S. Nica	1.908
5.	Aspects regarding the use of 3D printing technology and composite materials for testing and manufacturing vertical axis wind turbines	Materiale Plastice, vol. 56, nr. 4, pp. 910-917, ISSN 0025-5289, 2019	Al.P. Chiriță, P.-P. Bere, R.I. Rădoi, L. Dumitrescu	1.393
6.	Rapid prototyping of the injection device piston used for fertigation using 3D printing technology	Materiale Plastice, vol. 56, nr. 4, pp. 825-830, ISSN 0025-5289, 2019	Gh. Șovăială, Al.P. Chiriță, S. Anghel, D. Manea	1.393

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7.	Saharan dust and biomass burning aerosols during ex-hurricane Ophelia: observations from the new UK lidar and sun-photometer network	Atmospheric Chemistry and Physics, vol. 19, nr. 6, pp. 3557-3578, 10.5194/acp-19-3557-2019, 2019	M. Osborne, F.F. Malavelle, M. Adam, J. Buxmann, J. Sugier, F. Marengo, J. Haywood	5.668
8.	Spatial distribution of groundwater quality in connection with the surrounding land use and anthropogenic activity in rural areas	Acta Montanistica Slovaca, vol. 24, nr. 2, pp. 73-87, 1335-1788, 2019	C.L. Popa, P.Bretcan, C. Radulescu, E.M. Carstea, D.Tanislav, S.I.Dontu, I.D.Dulama	0.938
9.	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, https://doi.org/10.1080/03601234.2019.1697141 , 2019	Cristina L. Popa, Simona I. Dontu, Erika A. Levei, Cristian I. Ioja, Ana-Maria Popa, Mirela Miclean, Maria-Alexandra Hoaghia, Oana Cadar, Elfrida M. Carstea	1.463
10.	Organochlorine pesticides and dissolved organic matter within a system of urban exorheic lakes	Environmental Monitoring and Assessment, vol. 192, nr. 1, pp. 1-59, 0167-6369, 0.1007/s10661-019-8003-1, 2019	C.L. Popa, S.I. Dontu, E.M. Carstea, E. A. Levei, C. Ioja, A. M. Popa, M. Miclean, O. Cadar	1.959
11.	EARLINET evaluation of the CATS Level 2 aerosol backscatter coefficient product	Atmospheric Chemistry and Physics, vol. 19, nr. 18, pp. 11743-11764, 10.5194/acp-19-11743-2019, 2019	E. Proestakis, V. Amiridis, E. Marinou, I. Biniatoglou, A. Ansmann, U. Wandinger, J. Hofer, J. Yorks, E. Nowottnick, A. Makhmudov, A. Papayannis, A. Pietruczuk, A. Gialitaki, D. Nicolae, et al.	5.668
12.	Enhancing lipid production of <i>Synechocystis</i> PCC 6803 for biofuels production, through environmental stress exposure	Renewable Energy, vol. 143, pp. 243-251, https://doi.org/10.1016/j.renene.2019.05.005 , 2019	E. Neag, A.I. Török, O. Cadar, V. Băbălău-Fuss, C. Roman	5.439
13.	Columnar aerosol measurements in a continental southeastern Europe site: climatology and trends	Theoretical and Applied Climatology, vol. 137, nr. 3, pp. 3149-3159, 10.1007/s00704-019-02805-z, 2019	E. Carstea, K. Fragkos, N. Siomos, B. Antonescu, L. Belegante,	2.72

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14.	The second ACTRIS inter-comparison (2016) for Aerosol Chemical Speciation Monitors (ACSM): Calibration protocols and instrument performance evaluations	Aerosol Science and Technology, vol. 53, nr. 7, pp. 830-842, 10.1080/02786826.2019.1608901, 2019	E. Freney, Y. Zhang, P. Croteau, T. Amodeo, L. Williams, F. Truong, J.-E. Petit, J. Sciare, R. Sarda-Esteve, N. Bonnaire, T. Arumae, M. Aurela, J. Vasilescu, L. Marmureanu, et al	2.435
15.	100 Years Later: Reflecting on Alfred Wegener's Contributions to Tornado Research in Europe	Bulletin of the American Meteorological Society, vol. 100, nr. 4, pp. 567-578, 10.1175/BAMS-D-17-0316.1, 2019	B. Antonescu, H.M. Ricketts, D.M. Schultz,	8.166
16.	Development of a dynamic dust source map for NMME-DREAM v1.0 model based on MODIS Normalized Difference Vegetation Index (NDVI) over the Arabian Peninsula	Geoscientific Model Development, vol. 12, nr. 3, pp. 979-988, 10.5194/gmd-12-979-2019, 2019	S. Solomos, A. Abuelgasim, C. Spyrou, I. Biniatoglou, S. Nickovic,	5.154
17.	Large hail incidence and its economic and societal impacts across Europe	Monthly Weather Review, vol. 147, nr. 11, pp. 3901-3916, 10.1175/MWR-D-19-0204.1, 2019	T. Pucik, C. Castellano, P. Groenemeijer, T. Kuehne, A.T. Raedler, B. Antonescu, E. Faust,	3.146
18.	Two-dimensional mineral dust radiative effect calculations from CALIPSO observations over Europe	Atmospheric Chemistry and Physics, vol. 19, nr. 20, pp. 13157-13173, 10.5194/acp-19-13157-2019, 2019	M.J. Granados-Munoz, M. Sicard, N. Papagiannopoulos, R. Barragan, J.A. Bravo-Aranda, D. Nicolae,	5.668
19.	Theories on tornado and waterspout formation in ancient Greece and Rome	Weather, Climate, and Society, vol. 11, nr. 4, pp. 889-900, 10.1175/WCAS-D-19-0057.1, 2019	B. Antonescu, D.M. Schultz, H. Ricketts, D. Ene,	2.043
20.	Quantifying CH4 emissions from hard coal mines using mobile sun-viewing Fourier transform spectrometry	Atmospheric Measurement Techniques, vol. 12, nr. 10, pp. 5217-5230, 10.5194/amt-12-5217-2019, 2019	A. Luther, R. Kleinschek, L. Scheidweiler, S. Defratyka, M. Stanisavljevic, A. Forstmaier, A. Dandocsi, et al.	3.4
21.	Origin of strong winds in an explosive mediterranean extratropical cyclone	Monthly Weather Review, vol. 147, nr. 10, pp. 3649-3671, 10.1175/MWR-D-19-0009.1, 2019	M. Brancus, D.M. Schultz, B. Antonescu, C. Dearden, S. Stefan,	3.146

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22.	Multiyear typology of long-range transported aerosols over Europe	ATMOSPHERE, vol. 10, nr. 9, 10.3390/atmos10090482, 2019	V. Nicolae, C. Talianu, S. Andrei, B. Antonescu, D. Ene, D. Nicolae, A. Dandocsi, V.E. Toader, S. Stefan, T. Savu, J. Vasilescu,	2.046
23.	Comparison of two automated aerosol typing methods and their application to an EARLINET station	Atmospheric Chemistry and Physics, vol. 19, nr. 16, pp. 10961-10980, 10.5194/acp-19-10961-2019, 2019	K.A. Voudouri, N. Siomos, K. Michailidis, N. Papagiannopoulos, L. Mona, C. Cornacchia, D. Nicolae, D. Balis,	5.668
24.	Wintertime variations of gaseous atmospheric constituents in Bucharest peri-urban area	Atmosphere, vol. 10, nr. 8, 10.3390/atmos10080478, 2019	C.A. Marin, L. Marmureanu, C. Radu, A. Dandocsi, C. Stan, F. Toanca, L. Preda, B. Antonescu,	2.046
25.	Kinetic, equilibrium and phytotoxicity studies for dyes removal by low cost natural activated plant-based carbon	Acta Chimica Slovenica, vol. 66, pp. 850-858, https://doi.org/10.17344/acsi.2018.4924 , 2019	E. Neag, A. Moldovan, V. Băbălău-Fuss, A. Török, O. Cadar, C. Roman	1.076
26.	Long period grating fiber temperature sensor embedded into polymer matrix of an automobile composite material mechanical part	University Politehnica of Bucharest Scientific Bulletin-Series A- Applied Mathematics and Physics, vol. 81, nr. 4, pp. 201-2014, 1223-7027, 2019	S. Miclos, D. Savastru, R. Savastru, F. G. Elfarra, I. Lancranjan	0.478
27.	Analysis of mechanical vibrations applied on a LPGFS smart composite polymer material	Composite Structures, vol. 226, nr. UNSP 111243, 10.1016/j.compstruct.2019.111243, 2019	D. Savastru, S. Miclos, R. Savastru, I. Lancranjan	4.829
28.	Use of satellite data for urban land surface radiative parameters retrieval of Bucharest metropolitan zone	Journal of Optoelectronics and Advanced Materials, vol. 21, nr. 7-8, pp. 470-483, 1454-4164, 2019	M. Zoran, D. Savastru, M. Tautan, L. Baschir	0.588
29.	Optimized removal of methylene blue from aqueous solution using a commercial natural activated plant-based carbon and Taguchi experimental design	Analytical Letters, vol. 52, nr. 1, pp. 150-162, https://doi.org/10.1080/00032719.2017.1418879 , 2019	A. Moldovan, E. Neag, V. Băbălău-Fuss, O. Cadar, V. Micle, C. Roman	1.248
30.	Multidisciplinary investigations of a double sided wooden icon from Nicula Monastery, Romania	Revista de Chimie , vol. 70, nr. 8, pp. 2747-2752, https://doi.org/10.37358/RC.19.8.7420 , 2019	C. Marutoiu, I. Bratu, M.G. Buta, O.F. Nemes, S.P. Timbus, C. Tanaselia, A. Simionescu	1.605

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31.	Influence of magnesium compounds on sodium, potassium and calcium levels in different mice organs	Farmacia, vol. 67, nr. 2, pp. 274-281, https://doi.org/10.31925/farmacia.2019.2.11 , 2019	C.A Moisa, O. Cadar, R. Barabas, L.G. Vicas, M.A. Hoaghia, E.A. Levei, C. Jurca, C. Berce	1.527
32.	Torsion sensor made of a super structure fiber bragg grating embedded into polymer matrix of an automobile composite material mechanical part	University Politehnica of Bucharest Scientific Bulletin-Series A- Applied Mathematics and Physics, vol. 81, nr. 3, pp. 217-228, 1223-7027, 2019	S. Miclos, D. Savastru, R. Savastru, F. G. Elfarra, I. Lancranjan	0.478
33.	Hydroxyapatite - carbon nanotube composites for drug delivery applications	Brazilian Journal of Chemical Engineering, vol. 36, nr. 2, pp. 913-922, http://dx.doi.org/10.1590/0104-6632.20190362s20180181 , 2019	R. Barabas, M. Rigo, M. Sarkozi, M.A.Hoaghia, O. Cadar	0.79
34.	Study of surface plasmon resonance structure with As ₂ S ₃ amorphous chalcogenide compound waveguide	University Politehnica of Bucharest Scientific Bulletin-Series A- Applied Mathematics and Physics, vol. 81, nr. 3, pp. 253-264, 1223-7027, 2019	A. Popescu, M. Stafe, D. Savastru, L. Baschir, C. Negutu, N. Puscas	0.478
35.	Osseointegration of titanium scaffolds manufactured by selective laser melting in rabbit femur defect model	Journal of Materials Science: Materials in Medicine, vol. 30, nr. 2, doi: 10.1007/s10856-019-6227-9, 2019	A. Ilea, O.G. Vrabie, A.M. Babant, V. Miclaus, F. Ruxanda, M. Sarkozi, L. Barbu-Tudoran, V. Mager, C. Berce, B.A. Bosca, N.B. Petrescu, O. Cadar, R.S. Campian, R. Barabas	2.467
36.	Enhancing Photoluminescence Quenching in Donor-Acceptor PCE11: PPCBMB Films through the Optimization of Film Microstructure	Nanomaterials, vol. 9, nr. 12, https://doi.org/10.3390/nano9121757 , 2019	O. Todor-Boer, I. Petrovai, R. Tarcan, A. Vulpoi, L. David, S. Astilean, I. Botiz	4.034
37.	Automobile structural health monitoring performed using long period grating fiber sensors	University Politehnica of Bucharest Scientific Bulletin-Series A- Applied Mathematics and Physics, vol. 81, nr. 2, pp. 233-244, 1223-7027, 2019	Dan Savastru, S. Miclos, R. Savastru, F. G. Elfarra, I. Lancranjan	0.478

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38.	Simulation and design of a long period grating fiber sensor system for detection of Klebsiella pneumoniae infestation of water	Optoelectronics and Advanced Materials-Rapid Communications, vol. 13, nr. 1-2, pp. 56-62, 1842-6573, 2019	S. Miclos, D. Savastru, R. Savastru, F. G. Elfarra, I. Lancranjan	0.452
39.	Temporal trends of carbon monoxide (CO) and radon (²²² Rn) tracers of urban air pollution	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol. 320, nr. 1, pp. 55-70, 10.1007/s10967-019-06443-7, 2019	M. Zoran, R. Savastru, D. Savastru, M.C. Penache	1.186
40.	Transverse mechanical stress and optical birefringence induced into single-mode optical fibre embedded in a smart polymer material	Composite Structures, vol. 218, pp. 15-26, 10.1016/j.compstruct.2019.03.044, 2019	S. Miclos, D. Savastru, R. Savastru, I. Lancranjan	4.829
41.	Assessment of the total precipitable water from a sun photometer, microwave radiometer and radiosondes at a continental site in southeastern Europe	Atmospheric Measurement Techniques, vol. 12, nr. 3, pp. 1979-1997, https://doi.org/10.1175/AMSMONOGRAPHS-D-18-0026.1 , 2019	K. Fragkos, B. Antonescu, D.M. Giles, D. Ene, M. Boldeanu, G.A. Efstathiou, L. Belegante, D. Nicolae,	3.4
42.	Comparison of carbon monoxide data products from Sentinel-5 precursor with low resolution FTIR spectrometer	University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics and Physics, vol. 81, nr. 2, pp. 201-214, no, 2019	A. Dandocsi, L. Marmureanu, C. Marin, N. Puscas,	0.478
43.	Influence of Ti, Zr or Nb carbide adhesion layers on the adhesion, corrosion resistance and cell proliferation of titania doped hydroxyapatite to the Ti6Al4V alloy substrate, utilizable for orthopaedic implants	Ceramics International, vol. 45, nr. 2, pp. 1710-1723, doi.org/10.1016/j.ceramint.2018.10.053 , 2019	A. Vladescu, V. Pruna, S. Kulesza, V. Braic, I. Titorencu, M. Bramowicz, A. Gozdziejewska, A. Parau, C. M. Cotrut, I. Pana, M. Dinu, M. Braic	3.45
44.	Computer-aided detection of bone metastasis in bone scintigraphy images using parallelepiped classification method	Annals of Nuclear Medicine, vol. 33, nr. 11, pp. 866-874, 10.1007/s12149-019-01399-w , 2019	Florina-Gianina Elfarra, Mihaela Antonina Calin, Sorin Viorel Parasca	1.648

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45.	The unprecedented 2017-2018 stratospheric smoke event: decay phase and aerosol properties observed with the EARLINET	Atmospheric Chemistry and Physics, vol. 19, nr. 23, pp. 15183-15198, 10.5194/acp-19-15183-2019, 2019	H. Baars, A. Ansmann, K. Ohneiser, M. Haarig, R. Engelmann, D. Althausen, I. Hanssen, M. Gausa, A. Pietruczuk, A. Szkop, I.S. Stachlewska, D. Wang, L. Belegante, D. Nicolae, et al.	5.668
46.	An exceptional case of freezing rain in Bucharest (Romania)	Atmosphere, vol. 10, nr. 11, 10.3390/atmos10110673, 2019	S. Andrei, B. Antonescu, M. Boldeanu, L. Marmureanu, C.A. Marin, J. Vasilescu, D. Ene,	2.046
47.	Orange snow—A Saharan dust intrusion over Romania during winter conditions	Remote Sensing, vol. 11, nr. 21, 10.3390/rs11212466, 2019	L. Marmureanu, C.A. Marin, S. Andrei, B. Antonescu, D. Ene, M. Boldeanu, J. Vasilescu, C. Vitelaru, O. Cadar, E. Levei,	4.118
48.	Disentangling and quantifying contributions of distinct forcing factors to the observed global sea level pressure field	Climate Dynamics, vol. 54, pp. 1453-1467, 10.1007/s00382-019-05067-7, 2019	P. Vaideanu, M. Dima, R. Pirloaga, M. Ionita,	4.048
49.	Comparative study on physicochemical and mechanical characterization of new nanocarbon-based hydroxyapatite nanocomposites	Turkish Journal of Chemistry, vol. 43, nr. 3, pp. 809-824, doi:10.3906/kim-1811-55, 2019	R. Barabas, D. Deemter, G. Katona, G. Batin, L. Barabas, L. Bizo, O. Cadar	1
50.	Altering the optoelectronic properties of neat and blended conjugated polymer films by controlling the process of film deposition	Journal of Optoelectronics and Advanced Materials, vol. 21, nr. 5-6, pp. 367-372, -, 2019	O. Todor-Boer, I. Petrovai, R. Tarcan, A.M. Craciun, L. David, S.B. Angyus, S. Astilean, I. Botiz	0.588
51.	Metal (Pb, Cu, Cd, and Zn) transfer along food chain and health risk assessment through raw milk consumption from free-range cows	International Journal of Environmental Research Public Health, vol. 16, 21, Doi:10.3390/ijerph16214064, 2019	M. Miclean, O. Cadar, E.A. Levei, R. Roman, A.Ozunu, L. Levei	2.468
52.	Corrosion and tribological behaviour in a 3.5% NaCl solution of vacuum arc deposited ZrCN and Zr-	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology,	L.R. Constantin, A.C. Parau, M. Balaceanu, M. Dinu, A. Vladescu	1.137

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	Cr-Si-C-N coatings	vol. 233, pp. 158-169, 10.1177/1350650118774 132/1350-6501, 2019		
53.	In vitro evaluation of Ag doped hydroxyapatite coatings in acellular media	Ceramics International, vol. 45, nr. 8, pp. 11050-11061, 10.1016/j.ceramint.2019.02.191/0272-8842, 2019	D.M. Vranceanu, A.C. Parau, C.M. Cotrut, A.E. Kiss, L.R. Constantin, V. Braic, A. Vladescu	3.45
54.	Groundwater Characterization In Southwestern Romania Using Fuzzy Hierarchical Cross Clustering	Environmental Engineering and Management Journal, vol. 18, nr. 9, pp. 1967-1976, -, 2019	M. Senila, C. Sarbu, O. Cadar, C. Baciuc, M. Ponta, T. Frentiu	1.186
55.	Physiological response to silver toxicity in the extremely halophilic archaeon Halomicrobium mukohataei	FEMS Microbiology Letters, vol. 336, nr. 18, DOI:10.1093/femsle/fnz231, 2019	D.M. Buda, P.A. Bulzu, L. Barbu-Tudoran, A. Profire, L. Patras, A. Sermesan, S. Tripon, M. Senila, M.I. Ionescu, H.L. Banciu	1.994
56.	Mercury determination in natural zeolites by thermal decomposition atomic absorption spectrometry: method validation in compliance with requirements for use as dietary supplements	Molecules, vol. 24, nr. 22, DOI:10.3390/molecules24224023, 2019	M. Senila, O. Cadar, L. Senila, A. Hoaghia, I. Miu	3.06
57.	Chemical modeling of groundwater quality in the aquifer of Seini town - Somes Plain, Northwestern Romania	Ecotoxicology and Environmental Safety, vol. 168, pp. 88-101, DOI:10.1016/j.ecoenv.2018.10.030, 2019	T. Dippong, C. Mihali, M.A. Hoaghia, E. Cical, A. Cosma	4.527
58.	Family-level leaf nitrogen and phosphorus stoichiometry of global terrestrial plants	Science China Life Sciences, vol. 62, nr. 8, pp. 1047-1057, https://doi.org/10.1007/s11427-019-9584-1 , 2019	D. Tian, Z. Yan, S. Ma, Y. Ding, Y. Luo, Y. Chen, E. Du, W. Han, E. D. Kovacs, H. Shen, H. Hu, J. Kattge, B. Schmid, J. Fang	3.583
59.	Quality and human health risk assessment of metals and nitrogen compounds in drinking water from an urban area near a former non-ferrous ore smelter	Analytical Letters, vol. 52, nr. 8, pp. 1268-1281, https://doi.org/10.1080/00032719.2018.1536136 , 2019	M.A. Hoaghia, O. Cadar, G.G. Hognogi, E. Levei, C. Moisa, C. Roman	1.248
60.	Response of antioxidant potential and essential oil	Romanian Agricultural Research, vol. 36, pp. 165-171, -, 2019	L. Budiuc, E. Luca, A. Ona, L. Muntean, A. Becze, D. Simedru, M.	0.469

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	components to irrigation and fertilization on three mint species (<i>Mentha</i> spp. L.)		Kovacs, D. Kovacs	
61.	Influence of polyol structure and molecular weight on the shape and properties of Ni _{0.5} Co _{0.5} Fe ₂ O ₄ nanoparticles obtained by sol-gel synthesis	Ceramics International, vol. 45, nr. 6, pp. 7458-7467, https://doi.org/10.1016/j.ceramint.2019.01.037 , 2019	T. Dippong, O. Cadar, E.A. Levei, I.G. Deac, F. Goga, G. Borodi, L. Barbu-Tudoran	3.45
62.	Thermal behavior of Ni, Co and Fe succinates embedded in silica matrix	Journal of Thermal Analysis and Calorimetry, vol. 136, nr. 4, pp. 1587-1596, https://doi.org/10.1007/s10973-019-08117-8 , 2019	T. Dippong, E.A. Levei, O. Cadar, F. Goga, D. Toloman. G. Borodi	2.471
63.	Effect of nickel content on structural, morphological and magnetic properties of Ni _x Co _{1-x} Fe ₂ O ₄ /SiO ₂ nanocomposites	Journal of Alloys and Compounds, vol. 786, pp. 330-340, https://doi.org/10.1016/j.jallcom.2019.01.363 , 2019	T. Dippong, E.A. Levei, O. Cadar, I.G. Deac, L. Diamandescu, L. Barbu-Tudoran	4.175
64.	Effect of Zn content on structural, morphological and magnetic behavior of Zn _x Co _{1-x} Fe ₂ O ₄ /SiO ₂ nanocomposites	Journal of Alloys and Compounds, vol. 792, pp. 432-443, https://doi.org/10.1016/j.jallcom.2019.04.059 , 2019	T. Dippong, I.G. Deac, O. Cadar, E. A. Levei, L. Diamandescu, G. Borodi	4.175
65.	Influence of zinc substitution with cobalt on thermal behaviour, structure and morphology of zinc ferrite embedded in silica matrix	Journal of Solid State Chemistry, vol. 275, pp. 159-166, https://doi.org/10.1016/j.jssc.2019.04.011 , 2019	T. Dippong, F. Goga, E.A. Levei, O. Cadar	2.291
66.	The impact of polyol structure on the formation of Zn _{0.6} Co _{0.4} Fe ₂ O ₄ spinel-based pigments	Journal of Sol-Gel Science and Technology, vol. 92, nr. 3, pp. 736-744, https://doi.org/10.1007/s10971-019-05140-x , 2019	T. Dippong, E.A. Levei, F. Goga, I. Petean, A. Avram, O. Cadar	1.986
67.	Investigation of structural and magnetic properties of Ni _x Zn _{1-x} Fe ₂ O ₄ /SiO ₂ (0 ≤ x ≤ 1) spinel-based nanocomposites	Journal of Analytical and Applied Pyrolysis, vol. 144, https://doi.org/10.1016/j.jaap.2019.104713 , 2019	T. Dippong, E.A. Levei, I.G. Deac, F. Goga, O. Cadar	3.47

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68.	Thermal behavior and effect of SiO ₂ and PVA-SiO ₂ matrix on formation of Ni-Zn ferrite nanoparticles	Journal of Thermal Analysis and Calorimetry , vol. 138, nr. 6, pp. 3845-3855, https://doi.org/10.1007/s10973-019-08981-4 , 2019	T. Dippong, · O. Cadar, · E.A. Levei, · G. Borodi, · L. Barbu-Tudoran	2.471
69.	Characterization of <i>Lycium barbarum</i> L. berry cultivated in North Macedonia: A chemometric approach	Journal of Berry Research, vol. Pre-press, pp. 1-19, DOI: 10.3233/JBR-190450, 2019	E. Covaci, M. Senila, L. Leopold H. Olah, C. Cobzac, V. Ivanova-Petropulos, B. Balabanova, O. Cadar, A. Becze, M. Ponta, A. Mot, T. Frentiu	2.379
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