

ANEXA 3. Lucrari publicate in reviste stiintifice cotate ISI

Nr crt	TITLUL	REVISTA	AUTORII	FI
Publicate				
1.	Mechanical, corrosion and biological properties of room-temperature sputtered aluminum nitride films with dissimilar nanostructure	Nanomaterials, vol. 7, No: 11, Article Number: 394, DOI: 10.3390/nano7110394	C. Besleaga, V. Dumitru, L.M. Trinca, A.C. Popa, C.C. Negrila, L. Kołodziejczyk, C.R. Luculescu, G.C. Ionescu, R.G. Ripeanu, A. Vladescu, G.E. Stan	3.553
2.	Biodegradable ceramics consisting of hydroxyapatite for orthopaedic implants	Coatings, vol. 7, pp. 184, No: 11, Article Number: 184, 10.3390/coatings7110184, 2017	T.K. Monsees, F.Ak. Azem, C.M. Cotrut, M. Braic, R. Abdulgader, I. Pana, I. Birlik, A. Kiss, R. Booyesen, A. Vladescu	2.175
3.	Corrosion and tribological performance of quasi-stoichiometric titanium containing carbo-nitride coatings	Arabian Journal of Chemistry, vol. 10, No. 7, pp. 1015-1028, dx.doi.org/10.1016/j.arabjc.2016.09.009, 2017	C.I. Pruncu, M. Braic, K.D. Dearn, C. Farcau, R. Watson, L.R. Constantin, M. Balaceanu, V. Braic, A. Vladescu	4.553
4.	Comparative study of the hydroxyapatite coatings prepared with/without substrate bias	Ceramics International, vol. 43, pp. 14968-14975, doi.org/10.1016/j.ceramint.2017.08.016, 2017	S. Dudin, C.M. Cotrut, M. Dinu, A. Zykova, A.C. Parau, S. Yakovin, A. Vladescu	2.986
5.	Ti atom and Ti ion number density evolution in standard and multi-pulse HiPIMS	Journal of Physics D: Applied Physics, vol. 50, pp. 365202, iopscience.iop.org/article/10.1088/1361-6463/aa7e6d, 2017	M. Fekete, J. Hnilica, C. Vitelaru, T. Minea, P. Vasina	2.588
6.	Design, fabrication and characterization of TiO ₂ -SiO ₂ multilayer with tailored color glazing for thermal solar collectors	Materials & Design, vol. 130, pp. 275-284, 10.1016/j.matdes.2017.05.063, 2017	I. Pana, C. Vitelaru, A. Kiss, N.C. Zoita, M. Dinu, M. Braic	4.364
7.	Mechanical, in vitro corrosion resistance and biological compatibility of cast and annealed Ti ₂₅ Nb ₁₀ Zr alloy	Metals, vol. 7, pp. 1-23, 10.3390/met7030086, 2017	C.M. Cotrut, A.C. Parau, A.I. Gherghilescu, I. Titorencu, I. Pana, D.V. Cojocar, V. Pruna, L. Constantin, I. Dan, D.M. Vranceanu, A. Vladescu	1.984
8.	A biodegradable AZ91 magnesium alloy coated with a thin nanostructured	Materials Science and Engineering: C, vol. 75, pp. 95-103,	T.M. Mukhametkaliyev, M.A. Surmeneva, A. Vladescu, C.M. Cotrut, M. Braic, M.	4.164

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	hydroxyapatite for improving the corrosion resistance	dx.doi.org/10.1016/j.ms ec.2017.02.033, 2017	Dinu, M.D. Vranceanu, I. Pana, M. Mueller, R.A. Surmenev	
9.	Tribological behaviour of RF-magnetron sputter deposited hydroxyapatite coatings in physiological solution	Ceramics International , vol. 43, pp. 6858-6867, dx.doi.org/10.1016/j.ce ramint.2017.02.106, 2017	M. Dinu, A.A. Ivanova, M.A. Surmeneva, M. Braic, A.I. Tyurin, V. Braic, R.A. Surmenev, A. Vladescu	2.986
10.	Sequential PLD in oxygen/argon gas mixture of Al-doped ZnO thin films with improved electrical and optical properties	Applied Surface Science, vol. 418, pp. 456-462, 10.1016/j.apsusc.2017. 01.102, 2017	T. Coman, D. Timpu, V. Nica, C. Vitelaru, A.P. RAmbu, G. Stoian, C. Ursu	3.387
11.	A comparative study of the structural, mechanical and tribological characteristics of TiSiC-Cr coatings prepared in CH4 and C2H2 reactive atmosphere by cathodic vacuum arc	Applied Surface Science, vol. 400, pp. 318-328, 10.1016/j.apsusc.2016. 12.160, 2017	M. Braic, A. Vladescu, M. Balaceanu, C. Luculescu, S.C. Padmanabhan, L Constantin, M.A. Morris, V. Braic, C.E.A. Grigorescu, P. Ionescu, M.D. Dracea, C. Logofatu	3.387
12.	Protective performance of Zr and Cr based silico-oxynitrides used for dental applications by means of potentiodynamic polarization and odd random phase multisine electrochemical impedance spectroscopy	Corrosion Science , vol. 115, pp. 118-128, 10.1016/j.corsci.2016.1 1.018, 2017	M. Dinu, T. Hauffman, C. Cordioli, A. Vladescu, M. Braic, A. Hubin, C.M. Cotrut	5.245
13.	Influence of the annealing treatment on the structure, morphology, and corrosion resistance of sputtered Zr-Ti-Si-O coatings used for biomedical applications	Materials and Corrosion , vol. 68, pp. 552-559, 10.1002/maco.2016092 00, 2017	C.M. Cotrut, L. Braic, D.M. Vranceanu, A. Kiss, M. Dinu, M. Balaceanu, V. Braic, A. Vladescu	1.26
14.	3d digitization of an antique decorative textile artifact using photogrammetry	Romanian Reports in Physics, vol. 69, no. 3, pp. 1-10, ISSN 1841- 8759, 2017	L.M. Angheluta, R. Radvan	1.467
15.	Environmental impact on biopigmentation of mural painting	Acta Physica Polonica A, Vol: 131, No: 1, pp: 48- 51, Special Issue: S, DOI: 10.12693/APhysPolA.13 1.48	Gomoiu I., Mohanu D., Radvan R., Dumbravician M., Neagu S.E., Cojoc L.R., Enache M.I., Chelmus A., Mohanu I.	0.469

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16.	Non-destructive spectroscopic investigation of artefacts from middle Hallstatt period - case study of a stone bead from Tărtăria I Hoard, Romania	Archaeological and Anthropological Sciences, DOI 10.1007/S 12520-017-0502-9, 2017	L. Ghervase, I.M. Cortea, R. Radvan, C. Bors	1.844
17.	Combined spectral-domain optical coherence tomography and hyperspectral imaging applied for tissue analysis: Preliminary results	Applied Surface Science, vol. 417, pp. 119-123, 0169-4332, 2017	S. Dontu, S. Miclos, D. Savastru, M. Tautan	3.387
18.	Surface plasmon resonance simulations in structures with chalcogenide layer	Chalcogenide Letter, vol. 14, no. 8, pp. 297-302, 1584-8663, 2017	L. Baschir, A.A. Popescu, D. Savastru, S. Miclos, ,	0.732
19.	Optical and microstructure characterisation of ceramic - hydroxyapatite coating fabricated by laser cladding	Journal of Optoelectronics and Advanced Materials, vol. 19, no. 2, pp. 66-72, 1454-4164, 2017	A. Pascu, E.M. Stanciu, D. Savastru, V. Geanta, C. Croitoru	0.449
20.	Blood oxygenation monitoring using hyperspectral imaging after flap surgery	Spectroscopy Letter, vol. 50, no. 3, pp. 150-155, 0038-7010, 2017	M.A. Calin, I.C. Boiangiu, S.V. Parasca, S. Miclos, D. Savastru, D. Manea, ,	0.794
21.	Seasonal variation of eutrophication in some lakes of danube delta biosphere reserve	Water Environment Research, vol. 88, no. 1, pp. 86-94, 1061-4303, 2017	L. Torok, Z. Torok, E.M. Carstea, D. Savastru	0.91
22.	Simulated altitude exposure assessment by hyperspectral imaging	Journal of Biomedical Optics, vol. 22, no. 5, 1083-3668, 2017	M.A. Calin, A. Macovei, S. Miclos, S.V. Parasca, R. Savastru, R. Hristea	2.53
23.	A new penalized nonnegative third-order tensor decomposition using a block coordinate proximal gradient approach: Application to 3D fluorescence spectroscopy	Journal of Chemometrics, vol. 31, no. 4, pp. e2859, 0886-9383, 2017	X. Vu, C. Chaux, N. Thirion-Moreau, S. Maire, E.M. Carstea, ,	1.884
24.	Preparing the future post-mortem analysis of beryllium-based JET and ITER samples by multi-wavelengths Raman	Nuclear Fusion, vol. 57, no. 7, pp. 76035, 0029-5515, 2017	M.I. Rusu, C. Pardanaud, Y. Ferro, G. Giacometti, C. Martin, Y. Addab, P. Roubin, M. Minissale, L. Ferri, F. Viro, M. Barrachin, C.P. Lungu, C. Porosnicu, P. Dinca, M. Lungu	3.307

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	spectroscopy on implanted Be, and co-deposited Be			
25.	Sol-gel preparation and structural investigations of silicophosphate glasses doped with Fe ions	Journal of Sol-Gel Science and Technology, vol. 81, pp. 294-302, 10.1007/s10971-016-4192-z, 2017	B. A. Sava, M. Elisa, L. Boroica, V. Kuncser, M. Valeanu, I. C. Vasiliu, I. D. Feraru, C. R. Iordanescu	1.575
26.	Magnetic and magnetooptical properties of Bi and Pb-doped aluminophosphate glass	Journal of Non-Crystalline Solids, vol. 465, pp. 55-58, 0022-3093, 2017	M. Elisa, C. R. Iordanescu, I. C. Vasiliu, B. A. Sava, L. Boroica, M. Valeanu, V. Kuncser, A. Volceanov, M. Eftimie, A. Melinescu, A. Beldiceanu, ,	2.124
27.	Characterization of CdS-doped glass films obtained by pulsed laser deposition method (PLD)	Romanian Journal of Materials, vol. 47, no. 1, pp. 60-65, 1583-3186, 2017	C. R. Iordanescu, M. Elisa, G. Epurescu, M. Enculescu, R. C. Monteiro, L. Constantin	0.56
28.	Synthesis and characterization of PLD glass phosphate films doped with CdS	Journal of Materials Science, vol. 52, no. 5, pp. 2895-2901, 0022-2461/DOI: 10.1007_s10853-016-0583-3, 2017	M. Elisa, C. R. Iordanescu, I. C. Vasiliu, I. D. Feraru, G. Epurescu, M. Filipescu, C. Plapcianu, C. Bartha, R. Trusca, S. Peretz	2.599
29.	Optical analysis of a ZnO/Cu ₂ O subcell in a silicon-based tandem heterojunction solar cell	Green and Sustainable Chemistry, vol. 7, pp. 57-79, 10.4236/gsc.2017.71005, 2017	O. Nordseth, R. Kumar, K. Bergum, L. Fara, S. E. Foss, H. Haugh, F. Dragan, D. Craciunescu, P. Sterian, I. Chilibon, C. Vasiliu, L. Baschir, D. Savastu, E. Monakhov, B. G. Svensson	1.69
30.	An analysis of human dorsal hand skin texture using hyperspectral imaging technique for assessing the skin aging process	Applied Spectroscopy, vol. 71, no. 3, pp. 391-400, 1943-3530 / 10.1177/0003702816659667, 2017	M.A. Calin, S.V. Parasca, M.R. Calin, E. Petrescu	1.529
31.	Validation of LIRIC aerosol concentration retrievals using airborne measurements during a biomass burning episode over Athens	Atmospheric Research, vol. 183, pp. 255-267, doi:10.1016/j.atmosres.2016.09.007, 2017	P. Kokkalis, V. Amiridis, J.D. Allan, A. Papayannis, S. Solomos, I. Biniotoglou, A. Bougiatioti, A. Tsekeri, A. Nenes, P.D. Rosenberg, F. Marengo, E. Marinou, J.	3.778

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			Vasilescu, D. Nicolae, H. Coe, A. Bacak, A. Chaikovsky	
32.	High-resolution airborne imaging DOAS-measurements of NO ₂ above Bucharest during AROMAT	Atmospheric Measurement Techniques, vol. 10, no. 5, pp. 1831-1857, 10.5194/amt-10-1831-2017, 2017	A.C. Meier, A. Schönhardt, T. Bösch, A. Richter, A. Seyler, T. Ruhtz, D.E. Constantin, R. Shaiganfar, T. Wagner, A. Merlaud, M. Van Roozendael, L. Belegante, D. Nicolae, L. Georgescu, J.P. Burrows	3.089
33.	Remote sensing and modelling analysis of the extreme dust storm hitting the Middle East and eastern Mediterranean in September 2015	Atmospheric Chemistry and Physics, vol. 17, no. 6, pp. 4063-4079, 10.5194/acp-17-4063-2017, 2017	S. Solomos, A. Ansmann, R.E. Mamouri, I. Biniotoglou, P. Patlakas, E. Marinou, V. Amiridis	5.318
34.	Three-dimensional evolution of Saharan dust transport towards Europe based on a 9-year EARLINET-optimized CALIPSO dataset	Atmospheric Chemistry and Physics, vol. 17, no. 9, pp. 5893-5919, 10.5194/acp-17-5893-2017, 2017	E. Marinou, V. Amiridis, I. Biniotoglou, A. Tsikerdekis, S. Solomos, E. Proestakis, D. Konsta, N. Papagiannopoulos, A. Tsekeri, G. Vlastou, P. Zanis, D. Balis, U. Wandinger, A. Ansmann	5.318
35.	Measurements of aerosols and trace gases in Southern Romania	Revista de Chimie, vol. 68, no. 4, pp. 873-878, 2017	A. Dandocsi, A. Nemuc, C. Marin, S. Andrei	1.232
36.	Study of fog events using remote sensing data	Romanian Reports in Physics, vol. 69, no. 1, pp. 703, 2017	F. Toanca, S. Stefan, L. Labzovskii, L. Belegante, S. Andrei, D. Nicolae	1.467
37.	Assessment based on organic chemical markers	Revista de Chimie, vol. 68, no. 4, pp. 853-857, 2017	L. Marmureanu, J. Vasilescu, C. Marin, D. Ene, Aerosol Source	1.232
38.	Vertical and temporal variation of aerosol mass concentration at magurele - romania during emep/pegasos campaign	Romanian Reports in Physics, Vol. 69, No. 2, Pp. 706, 2017	M.M. Cazacu, O. Tudose, A. Boscornea, L. Buzdugan, A. Timofte, D. Nicolae	1.467
39.	Contribution of bacteria-like particles to PM _{2.5} aerosol in urban and rural environments	Atmospheric Environment, vol. 160, pp. 97-106, 10.1016/j.atmosenv.2017.04.001, 2017	R. Wolf, I. El-Haddad, J.G. Slowik, K. Dallenbach, E. Bruns, J. Vasilescu, U. Baltensperger, A.S.H. Prevot	3.629

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40.	GARRLiC and LIRIC: strengths and limitations for the characterization of dust and marine particles along with their mixtures	Atmospheric Measurement Techniques, vol. 10, no. 2, pp. 4995-5016, 10.5194/amt-10-4995-2017, 2017	A. Tsekeri, A. Lopatin, V. Amiridis, E. Marinou, J. Igloffstein, N. Siomos, S. Solomos, P. Kokkalis, R. Engelmann, H. Baars, M. Gratsea, P.I. Raptis, I. Biniotoglou, N. Mihalopoulos, N. Kalivitis, G. Kouvarakis, N. Bartsotas, G. Kallos, S. Basart, D. Schuettemeyer, U. Wandinger, A. Ansmann, A.P. Chaikovsky and O. Dubovik	3.089
41.	Temperature dependence of the Brewer global UV measurements	Atmospheric Measurement Techniques, vol. 10, pp. 4491-4505, 10.5194/amt-10-4491-2017, 2017	I. Fountoulakis, A. Redondas, K. Lakkala, A. Berjon, A.F. Bais, L. Doppler, U. Feister, A. Heikkila, T. Karppinen, J.M. Karhu, T. Koskela, K. Garane, K. Fragkos, V. Savastiouk	3.089
42.	Seasonal variation of the aerosol chemical composition in a romanian peri-urban area	Environmental Engineering and Management Journal, vol. 16, no. 11, pp. 2491-2496, 2017	J. Vasilescu, L. Marmureanu, A. Nemuc, D. Nicolae, C. Talianu	1.096
43.	Assesment of cloud particle types in a deep convective environment using active remote sensig - a case study	Journal of Optoelectronics and Advanced Materials, vol. 19, no. 9, pp. 610-616, 2017	S. Andrei, F. Toanca, A. Dandocsi, L. Belegante, A. Nemuc, L. Marmureanu, V. Vulturescu, G. Florescu, D. Nicolae	0.449
44.	From hygroscopic aerosols to cloud droplets: the hygra-cd campaign in the athens basin-an overview	Science of the Total Environment, vol. 574, pp. 216-233, 10.1016/j.scitotenv.2016.09.054, 2017	A. Papayannis, A. Argyrouli, A. Bougiatioti, E. Remoundaki, S. Vratolis, A. Nenes, S. Solomos, M. Komppula, E. Giannakaki, J. Kalogiros, R. Banks, K. Eleftheriadis, I. Biniotoglou, L. Labzovskii, E. Mantas; E. Diapouli; C.G. Tzanis; S. Kazadzis; J.V. Hey; C.S. Zerefos	4.9
45.	Chemical and optical characterization of submicronic aerosol sources	Environmental Engineering and Management Journal, vol. 16, no. 9, pp. 2165-2172, 2017	L. Marmureanu, J. Vasilescu, H. Stefanie, C. Talianu	1.096

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46.	Seismic precursors assessment through geophysical parameters anomalies recognition in time series satellite data	Journal EAGE Earth, vol. 3, no. 2, DOI: 10.3997/2214-4609.201702542 , 2017	M. Zoran, R. Savastru, D. Savastru	1.031
47.	Long-term geochemical evolution of lithogenic versus anthropogenic distribution of macro and trace elements in household attic dust	Archives of Environmental Contamination and Toxicology, vol. 72, no. 1, pp. 88-107, DOI 10.1007/s00244-016-0336-y, 2017	B. Balabanova, T. Stafilov, R. Sajn, C. Tanaselia	2.467
48.	Science applied for the investigation of imperial gate from eighteen century wooden church of Nicula Monastery	Journal of Spectroscopy Vol.2017 (2017), Article ID 6167856, 7 pages	I. Bratu, M. Siluan, C. Marutoiu, I. Kacso, S. Garabagiu, C. Tanaselia, D. Postrolache	0.761
49.	Instrumental analysis of materials and topology of the Imperial gates belonging to the Apahida wooden church	Vibrational Spectroscopy, vol. 89, pp. 131-136, 2017	C. Marutoiu, I. Bratu, O. Nemes, I.I. Dit, R. Comes, C. Tanaselia	1.682
50.	The analysis of constituents materials of the naos doors belonging to the wooden church from petrindu, Salaj county	Studia UBB Chemia, vol. 62, no. 3, pp. 157-164, DOI 10.24193/subbchem.2017.3.12, ISBN 1224-7154, 2017	I. Bratu, C. Marutoiu, D. Postolache, C. Tanaselia, O.F. Nemes	0.191
51.	ZnCl ₄ ²⁻ sorption on Amberlite IRA410 resin using Taguchi's methodology for design of experiments	Chemical Engineering Communications, vol. 204, no. 3, pp. 382-387, DOI 10.1080/00986445.2016.1205980, 2017	E. Gilca, A. Maicaneanu, A. Imre-Lucaci, P. Ilea	1.297
52.	Structure and magnetic properties of CoFe ₂ O ₄ /SiO ₂ nanocomposites obtained by sol-gel and post annealing pathway	Ceramics International, vol. 43, no. 2, pp. 2113-2122, http://dx.doi.org/10.1016/j.ceramint.2016.10.192 , 2017	T. Dippong, O. Cadar, E. Levei, I. Bibicu, L. Diamandescu, C. Leostean, M. Lazar, G. Borodi, L. Barbu-Tudoran	2.986
53.	Thermal behavior of CoFe ₃ -xO ₄ /SiO ₂ nanocomposites obtained	Journal of Thermal Analysis and Calorimetry, vol. 128, no. 1, pp. 39-52, DOI	T. Dippong, E. Levei, O. Cadar, F. Goga, G. Borodi, L. Barbu-Tudoran	1.953

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	by a modified sol–gel method	10.1007/s10973-016-5930-8, 2017		
54.	Preparation of CoFe ₂ O ₄ /SiO ₂ nanocomposites at low temperatures using short chain diols	Journal of Chememical, vol. 2017, no. 794316, https://doi.org/10.1155/2017/7943164 , 2017	T. Dippong, E. Levei, O. Cadar	1.419
55.	Sol-gel synthesis of CoFe ₂ O ₄ :SiO ₂ nanocomposites – insights into the thermal decomposition process of precursors	Journal of Analytical and Applied Pyrolysis, vol. 125, pp. 169-177, http://dx.doi.org/10.1016/j.jaap.2017.04.005 , 2017	T. Dippong, E. Levei, O. Cadar, A. Mesaroş, G. Borodi	3.471
56.	Effect of annealing on the structure and magnetic properties of CoFe ₂ O ₄ :SiO ₂ nanocomposites	Ceramics International, vol. 43, no. 12, pp. 9145-9152, http://dx.doi.org/10.1016/j.ceramint.2017.04.063 , 2017	T. Dippong, O. Cadar, E. Levei, C. Leostean, L. Barbu Tudoran	2.986
57.	Hypersaline sapropels act as hotspots for microbial dark matter	Scientific Reports, vol. 7, no. 1, DOI:10.1038/s41598-017-06232-wgroundw, 2017	A.S. Andrei, A. Baricz, M.S. Robeson II, M.R. Pausan, T. Tamas, C. Chiriac, E. Szekeres, L. Barbu-Tudoran, E. Levei, C. Coman, M. Podar, H.L. Banciu	4.259
58.	Assessment of availability and human health risk posed by arsenic contaminated well waters from Timis-Bega Area, Romania	Journal of Analytical Methods in Chemistry, vol. 2017, no. 30376, https://doi.org/10.1155/2017/3037651 , 2017	M. Senila, E. Levei, O. Cadar, L. Senila, M. Roman, F. Puskas, M. Sima	1.801
59.	Rapid determination of trace elements in macedonian grape brandies for their characterization and safety evaluation	Food Analytical Methods, vol. 10, no. 2, pp. 459-468, DOI 10.1007/s12161-016-0604-5, 2017	V. Ivanova-Petropulos, B. Balabanova, E. Bogeve, T. Frentiu, M. Ponta, M. Senila, R. Gulaboski, F.D. Irimie	2.038
60.	Mercury speciation in seafood using non-chromatographic chemical vapor generation capacitively coupled plasma microtorch optical emission spectrometry	Food Control, vol. 82, pp. 266-273, http://dx.doi.org/10.1016/j.foodcont.2017.07.006 , 2017	E. Covaci, M. Senila, M. Ponta, E. Darvasi, M. Frentiu, T. Frentiu	3.496

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	method evaluation of methylmercury exposure			
61.	Chemical modeling of groundwater in the Banat Plain, southwestern Romania, with elevated As content and co-occurring species by combining diagrams and unsupervised multivariate statistical approaches	Chemosphere, vol. 172, pp. 127-137, http://dx.doi.org/10.1016/j.chemosphere.2016.12.130 , 2017	S. Butaciu, M. Senila, C. Sarbu, M. Ponta, C. Tanaselia, O. Cadar, M. Roman, E. Radu, M. Sima, T. Frentiu	4.208
62.	Methylmercury determination in seafood by photochemical vapor generation capacitively coupled plasma microtorch optical emission spectrometry	Talanta, vol. 170, pp. 464-472, http://dx.doi.org/10.1016/j.talanta.2017.04.036 , 2017	E. Covaci, M. Senila, M. Ponta, E. Darvasi, D. Petreus, M. Frentiu, T. Frentiu	4.162
63.	Assessment of mercury availability in water samples using DGT and TD-AAS techniques	Environ Eng Manag J, vol. 16, no. 7, pp. 1515-1520, ISSN 1582-9596, 2017	M. Senila, A. Drolc, A. Pintar, M. Miclean, C. Roman	1.096
64.	Assessment of metal contamination and ecological risk in urban soils situated near a metallurgical complex	Environmental Engineering and Management Journal, vol. 16, no. 7, pp. 1623-1630, ISSN 1582-9596, 2017	M.A. Hoaghia, E.A. Levei, O. Cadar, M. Senila, G.G. Hognogi	1.096
65.	Silicon release from hydroxyapatites in water and simulated body fluid	Studia UBB Chemia, vol. 4, pp. 67-80, DOI:10.24193/subbchem.2017.4.06, 2017	O. Cadar, P.T. Frangopol, G. Tomoaia, D. Olteanu, G.A. Paltineanu, A. Mocanu, O. Horrovitz, M. Tomoaia-Cotisel	0.244
66.	Behavior of multisubstituted hydroxyapatites in water and simulated body fluid	Studia UBB Chemia, vol. 4, pp. 269-281, DOI:10.24193/subbchem.2017.4.23, 2017	O. Cadar, R. Balint, G. Tomoaia, D. Florea, I. Petean, A. Mocanu, O. Horrovitz, M. Tomoaia-Cotisel	0.244
67.	Size and shape-controlled synthesis and characterization of CoFe ₂ O ₄ nanoparticles embedded in a PVA-SiO ₂ hybrid matrix	Journal of Analytical and Applied Pyrolysis, vol. 128, pp. 121-130, DOI: https://doi.org/10.1016/j.jaap.2017.10.018 , 2017	T. Dippong, E. Levei, O. Cadar, F. Goga, L. Barbu Tudoran	3.471

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68.	Mineralogical and chemical characterization of the soil from Barzava River area	Studia UBB Chemia, vol. 63, no. 4, pp. 333-342, DOI:10.24193/subbchem.2017.4.28, 2017	D. Pirsan, A. Torok, C. Tanaselia, P. Podea	0.244
69.	Influence of the electrolyte's pH on the properties of electrochemically deposited hydroxyapatite coating on additively manufactured Ti64 alloy	Scientific Reports, 10.1038/s41598-017-16985-z, 2017	A. Vladescu, D.M. Vranceanu, S. Kulesza, A.N. Ivanov, M. Bramowicz, A.S Fedonnikov, M. Braic, I.A. Norkin, A. Koptioug, M.O. Kurtukova, M. Dinu, I. Pana, M.A. Surmeneva, R.A. Surmeneva, C.M. Cotrut	4.259
70.	Overview of the JET results in support to ITER	Nuclear Fusion, Vol: 57 Issue: 10, Article Number: 102001, 10.1088/1741-4326/aa5e28	X. Litaudon, V. Braic et al.	3,307
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