

ANEXA 3. Lucrari publicate in reviste stiintifice cotate ISI

Nr crt	TITLUL	REVISTA	AUTORII	FI
Publicate				
1.	Fluorescence spectroscopy for wastewater monitoring: a review	WATER RES, vol. 95, pp. 205-219, 0043-1354, 2016	E.M. Carstea, J. Bridgeman, A. Baker, D.M. Reynolds	5.991
2.	CALIPSO climatological products: evaluation and suggestions from EARLINET	ATMOS. CHEM. PHYS., vol. 16, no. 4, pp. 2341-2357, doi:10.5194/acp-16-2341-2016, 2016	N. Papagiannopoulos, L. Mona, L. Alados-Arboledas, V. Amiridis, H. Baars, I. Biniatoglou, D. Bortoli, et al	5.114
3.	Profiling of aerosol microphysical properties at several EARLINET/AERONET sites during the July 2012 ChArMEx/EMEP campaign	ATMOS. CHEM. PHYS., vol. 16, no. 11, pp. 7043-7066, doi:10.5194/acp-16-7043-2016, 2016	M.J. Granados-Muñoz, F. Navas-Guzmán, J.L. Guerrero-Rascado, J.A. Bravo-Aranda, I. Biniatoglou, D. Nicolae, L. Belegante, et al.	5.114
4.	In vivo assessment of bone marrow toxicity by gold nanoparticle-based bioconjugates in Crl:CD1(ICR) mice	Int J Nanomedicine, vol. 11, pp. 4261-4273, DOI:10.2147/IJN.S108711, 2016	C. Berce, C. Lucan, B. Petrusev, S. Boca, M. Miclean, O. Sarpataki, S. Astilean, A. Buzoianu, C. Tomuleasa, A. Bojan	4.32
5.	Influence of hemp fibers with modified surface on polypropylene composites	Journal of Industrial and Engineering Chemistry, vol. 37, pp. 137-146, 10.1016/j.jiec.2016.03.018, 2016	D.M. Panaitescu, C.A. Nicolae, Z. Vuluga, C. Vitelaru, C.G. Sanporean, C. Zaharia, D. Florea, G. Vasilievici	4.179
6.	From hygroscopic aerosols to cloud droplets: The HygrA-CD campaign in the Athens basin - An overview	SCI. TOTAL ENVIRON., vol. 574, pp. 216-233, 10.1016/j.scitotenv.2016.09.054, 2016	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. Biniatoglou, L. et al.	3.976

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7.	Determination of Cd in food using an electrothermal vaporization capacitively coupled plasma microtorch optical emission microspectrometer: Compliance with European legislation and comparison with graphite furnace atomic absorption spectrometry	Food Control, vol. 61, pp. 227-234, DOI:10.1016/j.foodcont.2015.09.040, 2016	B. Sînziana, T. Frentiu, M. Şenilă, E. Darvasi, S. Cadar, M. Ponta, D. Petreuş, R. Etz, M. Frentiu	3.388
8.	Validation of LIRIC aerosol concentration retrievals using airborne measurements during a biomass burning episode over Athens	ATMOS. RES., vol. 183, pp. 255-267, doi:10.1016/j.atmosres.2016.09.007, 2016	P. Kokkalis, V. Amiridis, J.D. Allan, A. Papayannis, S. Solomos, I. Biniatoglou, A. Bougiatioti, A. Tsekeri, A. Nenes, P.D. Rosenberg, F. Marengo, E. Marinou, J. Vasilescu, D. Nicolae, H. Coe, A. Bacak, A. Chaikovsky	3.377
9.	How morphology determines the charge storage properties of Ge nanocrystals in HfO ₂	Scripta Materialia, vol. 113, pp. 135-138, 10.1016/j.scriptamat.2015.10.028, 2016	A. Slav, C. Palade, A.M. Lepadatu, M.L. Ciurea, V.S. Teodorescu, S. Lazanu, A.V. Maraloiu, C. Logofatu, M. Braic, A. Kiss	3.305
10.	Study on a hydrophobic Ti-doped hydroxyapatite coating for corrosion protection of titanium based alloy	RSC Advances, vol. 6, pp. 87665-87674, 10.1039/C6RA03397K, 2016	M. Surmeneva, A. Vladescu, R. Surmeneva, C.M. Pantilimon, M. Braic, C.M. Cotrut	3.289
11.	Spatially resolved nanostructural transformation in graphite under femtosecond laser irradiation	APPL SURF SCI, vol. 355, pp. 477-483, DOI: 10.1016/j.apsusc.2015.06.194, 2016	A. Marcu, L. Avotina, C. Porosnicu, A. Marin, C. E. Grigorescu, D. Ursescu, M. Lungu, N. Demitri, C. P. Lungu	3.15
12.	Magnetic recoverable Fe(3)O(4)-TiO(2):Eu composite nanoparticles with enhanced photocatalytic activity	APPL. SURF. SCI., vol. 390, no. 30, pp. 248-259, DOI: 10.1016/j.apsusc.2016.08.084, 2016	M. Stefan, C. Leoştean, O. Pana, D. Toloman, A. Popa, I. Perhaită, M. Şenilă, O. Marincas, L. Barbu-Tudoran	3.15

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13.	Mechanical properties and fractal analysis of the surface texture of sputtered hydroxyapatite coatings	APPL. SURF. SCI., vol. 379, pp. 338-346, 10.1016/j.apsusc.2016.04.077, 2016	M. Bramowicz, L. Braic, F.Ak. Azem, S. Kulesza, I. Birlik	3.15
14.	In vitro biocompatibility of Si alloyed multi-principal element carbide coatings	Plos One, vol. 11, 10.1371/journal.pone.0161151, 2016	A. Vladescu, I. Titorencu, Y. Dekhtyar, V. Jinga, V. Pruna, M. Balaceanu, M. Dinu, I. Pana, V. Vendina, M.D. Braic	3.057
15.	Lidar-Radiometer Inversion Code (LIRIC) for the retrieval of vertical aerosol properties from combined lidar/radiometer data: development and distribution in EARLINET	ATMOS. MEAS. TECH., vol. 9, no. 3, pp. 1181-1205, doi:10.5194/amt-9-1181-2016, 2016	A. Chaikovsky, O. Dubovik, B. Holben, A. Bril, P. Goloub, D. Tanré, I. Biniotoglou, D. Nicolae, C. Talianu, G. Pappalardo, et al.	2.989
16.	EARLINET instrument intercomparison campaigns: overview on strategy and results	ATMOS. MEAS. TECH., vol. 9, no. 3, pp. 1001-1023, 10.5194/amt-9-1001-2016, 2016	U. Wandinger, V. Freudenthaler, H. Baars, A. Amodeo, R. Engelmann, I. Mattis, S. Gross, G. Pappalardo, A. Giunta, D. Nicolae, L. Belegante, C. Talianu, G. D'Amico, A. Chaikovsky et al.	2.989
17.	Assessment of lidar depolarization uncertainty by means of a polarimetric lidar simulator	ATMOS. MEAS. TECH., vol. 9, no. 10, pp. 4935-4953, 10.5194/amt-9-4935-2016, 2016	J.A. Bravo-Aranda, L. Belegante, V. Freudenthaler, L. Alados-Arboledas, D. Nicolae, et al.,	2.989
18.	Mechanical properties and biocompatibility of the sputtered Ti doped hydroxyapatite	Journal of the Mechanical Behavior of Biomedical Materials, vol. 63, pp. 314-325, 10.1016/j.jmbbm.2016.06.025, 2016	A. Vladescu, S.C. Padmanabhan, F.Ak. Azem, M. Braic, I. Titorencu, I. Birlik, M.A. Morris, V. Braic	2.876
19.	Multivariate extraction of dominant geochemical markers for deposition of 69 elements in the Bregalnica	Environ. Sci.Poll.Res., vol. 23, pp. 22852-22870, DOI:	B. Balabanova, T. Stafilov, R. Sajin, C. Tanaselia	2.76

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	River basin, Republic of Macedonia (moss biomonitoring)	10.1007/s11356-016-7502-7, 2016		
20.	Osseointegration of sputtered SiC-added hydroxyapatite for orthopaedic applications	Ceramics International, vol. 42, pp. 10085-10093, 10.1016/j.ceramint.2016.03.114, 2016	D.M. Vranceanu, C.M. Cotrut, M. Bramowicz, I. Titorencu, S. Kulesza, A. Kiss, A. Berbecaru, V. Pruna, M. Branzei, A. Vladescu	2.758
21.	Influence of Ag content on the antibacterial properties of SiC doped hydroxyapatite coatings	Ceramics International, vol. 42, pp. 1801-181, 10.1016/j.ceramint.2015.09.143, 2016	M. Badea, M. Braic, A. Kiss, M. Moga, E. Pozna, I. Pana, A. Vladescu	2.758
22.	Tunable optical properties of SiNx thin films by OES monitoring in a reactive RF magnetron plasma	Plasma Processes and Polymers, vol. 13, pp. 208-216, 10.1002/ppap.201400202, 2016	I. Pana, C. Vitelaru, N.C. Zoita, M. Braic	2.713
23.	Scientific investigation of the Imperial Gates belonging to the wooden church from Sacel, Turda County, Romania	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, vol. 152, no. 5, pp. 311-317, DOI:10.1016/j.saa.2015.07.083, 2016	C. Marutoiu, I. Bratu, L. Trosan, C. Neamtu, V.C. Marutoiu, D. P	2.653
24.	Diagnosing clean margins through Raman spectroscopy in human and animal mammary tumour surgery: a short review	Interface Focus, vol. 6, 10.1098/rsfs.2016.0067, 2016	I.A. Birtoiu, C. Rizea, D. Togoe, R.M. Munteanu, C. Micsa, M.I. Rusu, M. Tautan, L. Braic, L.O. Scoicaru, A. Parau, N.D. Becherescu-Barbu, M.V. Udrea, A. Tonetto, R. Notonier, C.E.A. Grigorescu	2.59
25.	Epitaxial La _{0.7} Sr _{0.3} MnO ₃ nanostructures obtained by polymer-assisted surface decoration (PASD)	Mater. Lett., vol. 171, pp. 281-284, DOI:10.1016/j.matl.2016.02.122, 2016	R.B. Mos, T. Petrișor Jr., M. Năsui, A. Mesaroș, M.S. Gabor, M. Șenilă, E. Ware, L. Ciontea, T. Petrișor	2.437

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26.	Magnetic properties evolution of the Co xFe3-xO4/SiO2 system due to advanced thermal treatment at 700 °C and 1000 °C	J.Magn. Magn. Mater., vol. 410, pp. 47-54, DOI: 10.1016/j.jmmm.2016.03.020, 2016	T. Dippong, E. Levei, C. Tănăselia, M. Gabor, M. Nasui, L. Barbu Tudoran, G. Borodi	2.357
27.	The effect of cellulose nanofibers on the crystallinity and nanostructure of poly (lactic acid) composites	Journal of Materials Science, vol. 51, pp. 9771-9791, 10.1007/s10853-016-0212-1, 2016	A.N. Frone, D.M. Panaitescu, I. Chiulan, A.A. Nicolae, A. Vuluga, C. Vitelaru, C.M. Damian	2.302
28.	Sediment dynamics and heavy metal pollution history of the Cruhlig Lake (Danube Delta, Romania)	J Environ Radioactiv, vol. 153, pp. 167-175, DOI:10.1016/j.jenvrad.2015.12.02, 2016	R.C. Begy, L. Preoteasa, A. Timar-Gabor, R. Mihaiescu, C. Tanaselia, S. Kelemen, H. Simon	2.047
29.	Long-term geochemical evolution of lithogenic versus anthropogenic distribution of macro and trace elements in household attic dust	Arch Environ Contam Toxicol, DOI: 10.1007/s00244-016-0336-y, 2016	B. Balabanova, T. Stafilov, R. Sajna, C. Tănăselia	2.039
30.	Evaluation of Ag containing hydroxyapatite coatings to the Candida albicans infection	Journal of Microbiological Methods, vol. 125, pp. 12-18, 10.1016/j.mimet.2016.03.016, 2016	S. Ciuca, M. Badea, E. Pozna, I. Pana, A. Kiss, L. Floroian, A. Semenescu, C.M. Cotrut, A. Vladescu	1.857
31.	An analysis of human dorsal hand skin texture using hyperspectral imaging technique for assessing the skin aging process	Appl. Spectrosc, 0021-9037/ DOI: 10.1177/0003702816659667, 2016	MA Calin, SV Parasca, MR Calin, E Petrescu	1.798
32.	Homogenous smooth sol gel films doped with organic - compounds for nonlinear optics	THIN SOLID FILMS, vol. 601, pp. 73-75, 0040-6090, 2016	I. C. Vasiliu, I. Ionita, A. Matei, M. Elisa, R. C. Iordanescu, I. D. Feraru, A. Emandi	1.761
33.	Hetero-epitaxial growth of TiC films on MgO(001) at 100 degrees C by DC reactive magnetron sputtering	THIN SOLID FILMS, vol. 598, pp. 590-596, DOI: 10.1016/j.tsf.2015.06.021, 2016	M. Braic, N. C. Zoita, M. Danila, C. E. Grigorescu, C. Logofatu	1.761

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34.	Quality assessment of Romanian bottled mineral water and tap water	Environ Monit Assess, vol. 188, no. 9, pp. 521, DOI: 10.1007/s10661-016-5531-9, 2016	E.M. Carstea, E.A. Levei, M.A. Hoaghia, R. Savastru	1.633
35.	Linear approximation of Rayleigh–Brillouin scattering spectra	APPL. OPT., vol. 55, no. 27, pp. 7707-7711, doi:10.1364/AO.55.007707, 2016	I. Binietoglou, P. Giampouras, L. Belegante	1.598
36.	Amorphous thin films in the system Gallium-Chalcogen	PHYS STATUS SOLIDI B, vol. 253, no. 6, pp. 1033-1037, 0370-1972, 2016	M. Popescu, F. Sava, A. Lörinczi, A. Velea, I.D. Simandan, A.C. Galca, G. Socol, F. Gherendi, D. Savastru, S. Miclos	1.522
37.	In vitro corrosion resistance of Si containing multi-principal element carbide coatings	Materials and Corrosion, vol. 67, pp. 908-914, 10.1002/maco.201508788, 2016	M. Dinu, I. Pana, V. Braic, F. Miculescu, M. Balaceanu, A. Vladescu, M. Braic	1.45
38.	Effects of Zr, Nb or Si addition on the microstructure, mechanical and corrosion resistance of TiCN hard coatings	Materials and Corrosion, vol. 67, pp. 929-938, 10.1002/maco.201508737, 2016	L. Constantin, M. Braic, M. Dinu, M. Balaceanu, V. Braic, C. Farcau, A. Vladescu	1.45
39.	TiSiC, TiSiC-Zr and TiSiC-Cr coatings - corrosion resistance and tribological performance in saline solution	Tribology Transactions, vol. 59, pp. 72-79, 10.1080/10402004.2015.1077406, 2016	A.C. Parau, C. Vitelaru, M. Balaceanu, V. Braic, L.R. Constantin, M. Braic, A. Vladescu	1.418
40.	Detector of ionization chamber-type in pulse mode for measurements of radon concentration in air.	Rom. J. Phys., vol. 61, vol 9-10, pp. 1591-1603, 1221-146X, 2016	MR Calin, MA Calin, I Radulescu	1.398
41.	Portable X-ray fluorescence investigation of certain bronze beads of Hoard Tărtăria I and their specific corrosion	ROM. J. PHY,S vol. 61, no. 9, pp.1519 - 1529, 2016	R. Radvan, C. Bors, L. Ghervase,	1.398

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42.	Aerosol characterization based on chemical composition and optical properties	ROM. J. PHYS., vol. 61, no. 9, pp. 1635-1650, 2016	L. Marmureanu, J. Vasilescu, A. Nemuc, D. Nicolae, L. Belegante	1.398
43.	Wavelet and short time fourier transformations-two complementary methods for spectral analysis of muscle electrical activity	Rom Rep Phys, vol. 68, no. 2, pp. 486-496, 1221-1451, 2016	D. Popescu, S. Miclos, I. Pasol, V.I.R. Niculescu	1.367
44.	LIBS quantitative analyses of bronze objects for cultural heritage applications	Rom Rep Phys, vol. 68, no. 1, pp. 203-209,	M. Dinu (Simileanu)	1.367
45.	Analysis of radio wave propagation in soil with applications in archeology	Rom Rep Phys, vol. 68, no. 2, pp. 813-821, 2016	A.I. Chelmus, D.V. Ene, L.M. Angheluta	1.367
46.	Characterization of historical violin varnishes using ATR-FTIR spectroscopy	Rom Rep Phys, vol. 68, no. 2, pp. 615-622, 2016	I. M. Cortea, R. Cristache, I. Sandu	1.367
47.	Validation of ground penetrating radar data interpretation using an electromagnetic wave propagation simulator	Rom Rep Phys, vol. 68, no. 4, pp. 1584-1588, ISSN 1221-1451 , 2016	A.I. Chelmus	1.367
48.	Distribution of trace elements in sediment and soil from river Vardar Basin, Macedonia/Greece	J Environ Sci Heal A, vol. 51, no. 1, pp. 1-14, DOI:10.1080/10934529.2015.1079097, 2016	S.I. Popov, T. Stafilov, R. Sajn, C. Tănăselia	1.276
49.	Geochemical hunting of lithogenic and anthropogenic impacts on polymetallic distribution (Bregalnica river basin, Republic of Macedonia)	J.Environ.Sci.Healt h A, vol. 51, no. 13, pp. 1180-1194, DOI:10.1080/10934529.2016.1206389 , 2016	B. Balabanova, RT. Stafilov, R. Sajn, C. Tănăselia	1.276
50.	Chemically Modified Electrodes Based on 5-(Azulen-1-yl)methylene)-2-thioxothiazolidin-4-one	Journal of Solution Chemistry, pp. 1-10, 10.1007/s10953-016-0521-7, 2016	E. Diacu, G. O. Buica, I. Chilibon, L. Birzan, G. L. Arnold, E. M. Ungureanu	1.256
51.	Raman microscopy	PHYS SCRIPTA, vol.	C. Pardanaud, M.I. Rusu,	1.194

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	investigation of beryllium materials	T167, no. 14027, doi: 10.1088/0031-8949/T167/1/014027, 2016	G. Giacometti, C. Martin, Y. Addab, P. Roubin, C.P. Lungu, C. Porosnicu, I. Jecu, P. Dinca, M. Lungu, O.G. Pompilian, R. Mateus, E. Alves, M. Rubel	
52.	Earthquake anomalies recognition through satellite and in-situ monitoring data	EUR J REMOTE SENS, vol. 49, pp. 1011-1032, DOI: 10.5721/EuJRS20164952 , 2016	M. Zoran, R. Savastru, D. Savastru	1.173
53.	Characterization of Human Skin by Fluorescence, Exemplified by Dermatofibroma, Keratoacanthoma, and Seborrheic Keratosis	ANAL LETT, vol. 49, no. 3, pp. 342-349, 0003-2719, 2016	L. Ghervase, D. Savastru, S. Dontu, A.M. Forsea, E.M. Borisova	1.088
54.	Characterization of an eighteenth century wooden icon from the ethnographic museum of Transylvania	ANAL. LETT., vol. 49, no. 16, pp. 2597-2605, DOI: 10.1080/00032719.2015.1121394, 2016	Z. Moldovan, I. Bratu, C. Măruțoiu, I. Kacso, L. Trosan, D. Pop-Toader, O.F. Nemes, C. Tănăsolia	1.088
55.	Assessing urban air quality and its relation with radon (²²² Rn)	J Radioanal Nucl Chem, vol. 309, no. 2, pp. 909-922, doi:10.1007/s10967-015-4681-5, 2016	M. Zoran, D. Savastru, A. Dida	0.983
56.	Evaluation of the conservation state of a wooden icon, St. Nicholas, from Transylvania (XIXth Century)	Rev. Chim. Bucharest, vol. 67, no. 5, pp. 916-919, ISSN:0034-7752, 2016	C. Măruțoiu, M. Trofin, I. Bratu, D. Postolache, I.S. Kacso, C. Tănăsolia, I.C.A. Sandu	0.956
57.	Multianalytical study on two wooden icons from the beginning of the eighteenth century – evaluation of conservation state	Rev. Chim. Bucharest, vol. 67, no. 11, pp. 2383-2388, ISSN:0034-7752, 2016	I. Bratu, M. Paduraru, C. Marutoiu, O.F. Marutoiu, S.S.F. Pop, I. Kacso, C. Tănăsolia, I.C.A. Sandu	0.956
58.	Relationship between magnetism and magneto-	Journal of Physics D: Applied Physics,	M. Valeanu, M. Sofronie, A. C. Galca, F.	0.85

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	optical effects in new aluminophosphate glasses	vol. 49, no. 7, pp. 75001, 0022-3727, 2016	Tolea, M. Elisa, B. A. Sava, L. Boroica, V. Kuncser	
59.	Aspects concerning the use of plastics in developing test stands for experimental models of hydraulic turbine blades and rotors	Materiale Plastice, vol. 53, no. 1, pp. 174-178, ISSN 0025-5289, 2016	T.C. Popescu, I. C. Dumitrescu, I. Bordeasu	0.824
60.	Multi-Wavelength laser irradiation of Be-C-W coatings	DIG J nanomater bios, vol. 11, no. 1, pp. 293-302, 1842-3582, 2016	L. Avotina, A. Marcu, C. Porosnicu, M. Lungu, A. Stancalie, A.G. Ilie, P.C. Ganea, D. Savastru, J. Kalnacs, C.P. Lungu, G. Kizane, S. Antohe	0.756
61.	Power Density Influence on Laser-Induced Graphite Structural Modifications	DIG J of nanomaterials and biostructures, vol. 11, no. 3, pp. 973-981, 1842-3582, 2016	L. Avotina, A. Marcu, M. Lungu, A. Stancalie, C. E. Grigorescu, A. G. Ilie, C. Porosnicu, L. Mihai, D. Sporea, C. Lungu, S. Somacescu, G. Kizane, D. Savastru, S. Antohe	0.756
62.	Plastering mortar with antibacterial and antifungal properties	Rev. Rom. Mater., vol. 46, no. 2, pp. 160-166, ISSN: 2457-502X, 2016	C. Aciu, C. Roman, D.A. Ilutiu-Varvara, C. Puia, O. Cadar	0.612
63.	Densification contribution as a function of strain rate under indentation of terbium-doped aluminophosphate glass	J MATER SCI, vol. 51, no. 3, pp. 1049-1417, 0022-2461, 2016	O. Shikimaka, D. Grabco, B. A. Sava, M. Elisa, L. Boroica, E. Harea, C. Pyrtsac, A. Prisacaru, Z. Barbos	0.578
64.	Assessing the indoor pollutants effect on ornamental plants leaves by FT-IR Spectroscopy	Acta Phys. Pol., A, vol. 129, no. 1, pp. 142-149, DOI: 10.12693/APhysPol A.129.142, 2016	A. Husti, M. Cantor, R. Stefan, M. Miclean, M. Roman, I. Neacu, I. Coniu, K. Magyari, M. Baia	0.525
65.	Conceptual multimodal optical approach for diagnosis of foot ulcers in diabetic patients	Optoelectron. Adv. Mater - RC, vol. 10, no. 10, pp. 893-898, 2016	D. Savastru, S. Miclos, S. Dontu, G. Inceu, C. Bondor	0.38
66.	Influence of turbine blades fabrication conditions on	Optoelectron. Adv. Mater - RC, vol. 10, no. 3, pp. 257-261,	M. Sohaciu, S. Ciuca, D. Savastru, G. Coman, A. Predescu, A. Berbecaru,	0.38

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	their lifetime	2016	C. Cotrut, E. Matei, I.A. Gherghescu, C. Predescu	
67.	Planetary boundary layer investigation from lidar measurements over Bucharest	UPB SCI. BULL. A Series, vol. 78, no. 1, pp. 265-274, ISSN: 1223-7027, 2016	A. Dandocsi, L. Preda, D. Nicolae, A. Nemuc	0.405
68.	Dual mode SDOCT-HSI approach for cancer surgery guidance	J. Optoelectron. Adv. Mater, vol. 18, no. 11, pp. 993-999, 1454-4164, 2016	D. Savastru, S. Miclos, N. Iftimia, M.A. Calin, R. Savastru, D. Manea, S. Dontu	0.29
69.	Influence of wavelength specificity on the photodegradation effects of polymeric materials used in cultural heritage conservation	J. Optoelectron. Adv. Mater, vol. 18, no. 3-4 pp. 330-337, 2016	R. Radvan, I. M. Cortea	0.29
70.	Investigation of the corrosion cracks in a C4 heavy transport pipeline by microscopy, fluorescence and diffraction techniques	J. Optoelectron. Adv. Mater, vol. 18, no. 9, pp. 873-877, 1454-4165, 2016	C. Predescu, C. Pantelimon, M. Sohaciu, E. Matei, D. Savastru, A. Berbecaru, A. Predescu, M.G. Anton, G. Coman	0.29
71.	Simulation of surface plasmon propagation in planar waveguides	U POLITEH BUCH SER A, vol. 78, no. 1, pp. 283-290, 1223-7027, 2016	S. Miclos, D. Savastru, A. Popescu, L. Baschir, R. Savastru	0.365
72.	Analysis of the optical absorption and photoinduced birefringence in As ₂ S ₃ chalcogenide films	U POLITEH BUCH SER A, vol. 78, no. 1, pp. 243-256, 1223-7027, 2016	M. Stafe, G.C. Vasile, C. Negutu, A.A. Popescu, L. Baschir, M. Mihailescu, N. Puscas	0.365
73.	Influence of irrigation, fertilization and genotype, on content of lecithin and amino acids on soybeans, in the conditions of Transylvania	Rom. Agric. Res., vol. 33, pp. 1-8, ISSN: 2067 - 5720, 2016	L. Luca, E. Luca, S. Bârsan, A. Ivan, M. Dîrja, P. Boanca, A. Hoble	0.281
74.	Chemical composition of some Romanian bottled natural mineral waters	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 103-112, 1224-7154, 2016	E.A. Levei, M.A. Hoaghia, M. Senila, M. Miclean, C. Tanaselia, E.M. Cartsea	0.148
75.	Comparative studies between classical and modern	Stud U Babes-Bol Che, vol. 61, no. 3,	D. Simedru, A. Naghiu, M. Roman, M. Miclean,	0.148

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	sampling techniques to identify the contaminants from entomology items	pp. 423-429, ISSN: 1224-7154, 2016	A. Borgovan	
76.	Contents of organochlorine pesticide residues in grapes using stir bar sorptive extraction-thermal desorption-gas chromatography-electron capture detector method	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 431-440, ISSN: 1224-7154, 2016	I. Simon, M. Miclean, O. Cadar, L. Șenilă	0.148
77.	Determination of androsterone from celery by a new validated LC -MS / MS method	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 415-422, ISSN: 1224-7154, 2016	D. Simedru, A. Naghiu, O. Cadar, M. Dordai, E. Luca, I. Simon	0.148
78.	Evaluation of the analytical capability of thermal desorption atomic absorption spectrometry method used for mercury determination in seafood	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 321-332, ISSN: 1224-7154, 2016	M. Șenilă, O. Cadar, A. Droic, A. Pintar, L. Șenilă	0.148
79.	Evaluation of the antioxidant capacity and total polyphenols in different fruit teas	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 505-514, ISSN: 1224-7154, 2016	I. Șimon, D. Simedru, L. Dordai, E. Luca, V. Fuss, A. Becze	0.148
80.	Health risk assessment associated with nitrogen compounds contaminated drinking water in Medias region	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 451-460, ISSN: 1224-7154, 2016	M.A. Hoaghia, M.L. Andrei, O. Cadar, L. Șenilă, E. Levei, D. Ristoiu	0.148
81.	Influence of tablet formulation on in vitro release of magnesium	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 441-449, ISSN: 1224-7154, 2016	C. Moisa, M.A. Hoaghia, D. Simedru, O. Cadar	0.148
82.	LC-MS / MS method for determination of L - α phosphatidylcholine from soybean	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 407-414, ISSN: 1224-7154, 2016	D. Simedru, A. Naghiu, O. Cadar, M. Dordai, E. Luca, I. Șimon	0.148
83.	Preliminary investigation on arsenic fractionation in soil from Ogosta river floodplain using a seven-step extraction	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 333-344, ISSN: 1224-7154, 2016	M. Senila, T. Kotsev, E. Levei, M. Roman, V. Mladenov, Z. Cholakova, L. Senila	0.148

Nr crt	TITLUL	REVISTA	AUTORII	FI
	procedure			
84.	Revised rare earth elements composition of mocs meteorite using HR-ICP-MS and ICP-QMS analysis	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 401-406, ISSN: 1224-7154, 2016	C. Tanaselia, O. Cadar, M. Campeanu, T. Dippong	0.148
85.	The evaluation of the metal contamination of drinking water sources from Medias town, Romania using the metal pollution indices	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 461-471, ISSN: 1224-7154, 2016	M.A. Hoaghia, C. Roman, E.D. Kovacs, C. Tanaselia, D. Ristoiu	0.148
86.	Validation of a method for determination of free glycerol in biodiesel	Stud U Babes-Bol Che, vol. 61, no. 3, pp. 345-363, ISSN: 1224-7154, 2016	L. Senila, M. Miclean, O. Cadar, M. Senila, M. Kovacs, M.A. Hoaghia	0.148
Acceptate spre publicare				
1.	Structure and magnetic properties of CoFe ₂ O ₄ /SiO ₂ nanocomposites obtained by sol-gel and post annealing pathways	Ceram Int	T. Dippong, O. Cadar, E.A. Levei, I. Bibicu, L. Diamandescu, C. Leostean, M. Lazar, G. Borodi, L. Barbu-Tudoran	2.758
2.	Rapid determination of trace elements in macedonian grape brandies for their characterization and safety evaluation	Food Anal. Methods	V. Ivanova-Petropulos, B. Balabanova, E. Bogevea, T. Frentiu, M. Ponta, M. Senila, R. Gulaboski, F.D. Irimie	2.167
3.	A new penalized nonnegative third order tensor decomposition using a block coordinate proximal gradient approach: application to 3D fluorescence spectroscopy	J Chemom	X. Yu, C. Chaux, N. Thirion-Moreau, S. Maire, E.M. Carstea	1.873
4.	Magnetic and magneto-optical properties of Bi and Pb-doped aluminophosphate glass	J NON-CRYST SOLIDS	M. Elisa, C. R. Iordanescu, I. C. Vasiliu, B. A. Sava, L. Boroica, M. Valeanu, V. Kuncser, A. C. Galca, A. Volceanov, M. Eftimie, A. Melinescu, A. Beldiceanu	1.825
5.	Thermal behavior of Co _x Fe _{32-x} O ₄ /SiO ₂ nanocomposites obtained by a modified sol-gel method	J Therm Anal Calorim	T. Dippong, E.A. Levei, O. Cadar, F. Goga, G. Borodi, L. Barbu-Tudoran	1.74
6.	Sol-gel preparation and structural investigations of silico-phosphate glasses doped	J SOL-GEL SCI TECHN	B. A. Sava, M. Elisa, L. Boroica, V. Kuncser, M. Valeanu, I. C. Vasiliu, I. D. Feraru, C. R.	1.473

Nr crt	TITLUL	REVISTA	AUTORII	FI
	with Fe ions		Iordanescu	
7.	Study of fog events using remote sensing data	Rom rep phys	F. Toanca, S. Stefan, L. Labzovskii, L. Belegante, S. Andrei, D. Nicolae	1.367
8.	3D digitization of an antique decorative textile artifact using photogrammetry	Rom Rep Phys, ,	L.M. Angheluta, R. Radvan	1.367
9.	Seasonal Variation of Eutrophication in Some Lakes of D.ube Delta Biosphere Reserve	WATER ENVIRON RES	L. Török, Z. Török, E.M. Carstea, D. Savastru	0.659
10.	Synthesis and Characterization of PLD Glass Phosphate Films Doped with CdS	J MATER SCI	M. Elisa, C. R. Iordanescu, I. C. Vasiliu, I. D. Feraru, G. Epurescu, M. Filipescu, C. Plapcianu, C. Bartha, R. Trusca, S. Peretz	0.578
11.	Irrigation and fertilization management effect upon chinese cabbage chemical composition	Commun Soil Sci Plan	E. Laczi, E. Luca, A. Dumitras, A. Hoaghia, P. Boanca	0.529
12.	Environmental impact on biopigmentation of mural painting	Acta Physica Polonica A	I. Gomoiu, D. Mohanu, R. Radvan, M. Dumbravicianu, S. Neagu, R. Cojoc, M. Enache, A.I. Chelmus, I. Mohanu	0.525
Factor de impact total				159.072

ANEXA 3.a - Carti /capitole de carti/brosuri

Publicat de editura nationala:

1. I.M. Cortea, cap. Problematice ale materialelor polimerice utilizate în practicile curente de conservare/restaurare. Aspecte fizico-chimice in Imagini contemporane în atelier. Practici artistice și științifice II, ed. Unarte, Bucuresti, Bucuresti, Romania, pp. 70-83, 978-606-720-071-3, 2016
2. L.C. Ratoiu, R. Radvan, cap. Masuri de conservare preventiva in arhiva Institutului de Etnografie si Folclor " Costantin Brailoiu" in FOLKMEDIA -Depozit folcloric multimedia, ed. Institutul de Etnografie si Folclor, Bucuresti, Romania, pp. 47-57, 978-973-0-22590-7, 2016
3. R. Radvan, L.C. Ratoiu, M. Dinu, I.M. Cortea, L. Ghervase, L. Constantin, C.M. Stancu, L.M. Angheluta, cap. The series "I Never knew that about.." - The "Assumption of the Holy Virgin" Church of Tismana Monastery - Documentation and Investigations, Part II (2012-2016) in The series "I Never knew that about.." - The "Assumption of the Holy Virgin" Church of Tismana Monastery - Documentation and Investigations, Part II (2012-2016),

- ed. Univers Științific / Top Form, Bucuresti, Romania, 978-973-7626-82-0; 978-606-8550-50-3; 978-973-1944-58-6, 2016
4. R. Radvan, M. Dumbravician, Proceeding of the 1st World Wide Open Workshop with Advanced Techniques for Cultural Heritage Conference, ed. Unarte, Bucuresti, Bucuresti, Romania, 978-606-720-071-3, 2016
 5. S. Peretz, D. F. Anghel, E. L. Simion, M. Ruse, C. Stoian, M. Elisa, I. D. Feraru, cap. Preparation of Fe₃O₄ magnetic nano and micro-particles coated with polymers in Series in Micro and Nanoengineering, ed. Editura Academiei Române, Bucuresti, Romania, pp. 9-31, 2016
 6. L. Marmureanu, Conservarea Sistemelor Ecologice. Contributii la Dezvoltarea Sistemului Suport pentru Managementul Adaptativ al Dezvoltarii: Constientizarea si Participarea Publicului, ed. Tehnopress, Iasi, Romania, pp. 1-168, ISBN 978-606-687-271-3, 2016
 7. Romanian Projects and initiatives in support of Earth Observations, RADO, ed. Tehnopress, Iasi, Romania, pp. 1- 89, 978-606-687-281-2

Publicat de editura internationala:

8. R.A Surmenev, A. Vladescu, M.A Surmeneva, A. Ivanova, M Braic, I. Grubova, C.M Cotrut, cap. Radio frequency magnetron sputter deposition as a tool for surface modification of medical implants in modern technologies for creating the thin-film systems and coatings in Modern Technologies for Creating the Thin-film, ed. InTech, Croatia, /978-953-51-5056-5/, 2016
9. A. Vladescu, M.A. Surmeneva, C.M. Cotrut, R.A. Surmenev, I.V. Antoniac, cap. Bioceramic Coatings for Metallic Implants in Handbook of Bioceramics and Biocomposites, ed. Springer Publishing, Elvetia, pp. 1-31, /978-3-319-09230-0/10.1007/978-3-319-09230-0_31-1, 2016
10. S. Miclos, D. Savastru, R. Savastru, I. Lancranjan, Numerical Simulation of Fiber Laser Operated in 1 Passively Q-Switched and ModeLocked Regimes”, ed. InTECH, Rijeka, Croatia, pp. 275-295, 978-953-51-4615-5, 2016
11. D. Savastru, S. Miclos, I. Lancranjan, M. Numerical Simulation methods applied at fiber grating sensors design, ed. InTECH, Rijeka, Croatia, pp. 91-114, 978-953-51- 2608-9, 2016
12. I.M. Cortea, Contributions to the study of aging processes in painting layers based on synthetic resins , ed. , Bulgaria, 2016
13. L.M. Angheluta, 3D Digitization of Cultural Heritage assets using Photogrammetry, ed. , Bulgaria, 2016