

ANEXA 3. Lucrari publicate in reviste stiintifice cotate ISI

Nr crt	TITLUL	REVISTA	AUTORII	FI
Publicate				
1.	LIVAS: a 3-D multi-wavelength aerosol/cloud database based on CALIPSO and EARLINET	ATMOS. CHEM. PHYS., vol. 15, no. 13, pp. 7127-7153, doi:10.5194/acp-15-7127-2015, 2015	V. Amiridis, E. Marinou, A. Tsekeri, U. Wandinger, A. Schwarz, E. Giannakaki, R. Mamouri, P. Kokkalis, I. Binietoglou, S. Solomos, T. Herekakis, S. Kazadzis, E. Gerasopoulos, E. Proestakis, M. Kottas, D. Balis, A. Papayannis, C. Kontoes, K. Kourtidis, N. Papagiannopoulos, L. Mona, G. Pappalardo, O. Le Rille, and A. Ansman	5.053
2.	Algorithm for mapping cutaneous tissue oxygen concentration using hyperspectral imaging	BIOMED OPT EXPRESS, vol. 6, no. 9, pp. 3420-3430, 2156-7085, 2015	S. Miclos, S.V. Parasca, M.A. Calin, D. Savastu, D. Manea	3.648
3.	Argon metastables in HiPIMS: validation of the ionization region model by direct comparison to time resolved tunable diode-laser diagnostics	Plasma Sources Sci. Technol., vol. 24, pp. 45011, 10.1088/0963-0252/24/4/045011, 2015	G.D. Stancu, N. Brenning, C. Vitelaru, D. Lundin, T. Minea	3.591
4.	Sono-induced cold vapour generation interfaced with capacitively coupled plasma microtorch optical emission spectrometry: analytical characterization and comparison with atomic fluorescence spectrometry	J ANAL ATOM SPECTROM, vol. 30, pp. 1161-1168, DOI: 10.1039/C5JA00014A, 2015	T. Frențiu, S. Butaciu, E. Darvasi, M. Ponta, M. Șenilă, E. Levei, M. Frențiu	3.466
5.	From wood wastes to hydrogen-preparation and catalytic steam reforming of crude bio-ethanol obtained from fir wood	RENEW ENERG, vol. 74, pp. 27-36, DOI: 10.1016/j.renene.2014.07.05, 2015	M. Dan, L. Șenilă, M. Roman, M. Miheț, M. Lazăr	3.361
6.	How morphology determines the charge storage properties of Ge nanocrystals in HfO ₂	SCRIPTA MATER, vol. 113, pp. 135-138, doi.org/10.1016/j.scripamat.2015.10.028, 2015	A. Slav, C. Palade, A.M. Lepadatu, M.L. Ciurea, V.S. Teodorescu, S. Lazanu, A.V. Maraloiu, C. Logofatu, M. Braic, A. Kiss	3.224

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7.	EARLINET Single Calculus Chain – general presentation methodology and strategy	Atmos. Meas. Tech., no. 8, pp. 4891-4916, 10.5194/amt-8-4891-2015, 2015	G. D'Amico, A. Amodeo, H. Baars, I. Biniotoglou, V. Freudenthaler, I. Mattis, U. Wandinger, G. Pappalardo	2.929
8.	EARLINET: potential operationality of a research network	ATMOS. MEAS. TECH., no. 8, pp. 4587-4613, 10.5194/amt-8-4587-2015, 2015	M. Sicard, G. D'Amico, A. Comeron, L. Mona, L. Alados-Arboledas, A. Amodeo, H. Baars, L. Belegante, I. Biniotoglou, J.A. Bravo-Aranda, A.J. Fernandez, P. Fréville, D. García-Vizcaíno, D. Nicolae, A. Giunta, M.J. Granados-Muñoz, J.L. Guerrero-Rascado, D. Hadjimitsis, A. Haefele, M. Hervo, M. Iarlori, P. Kokkalis, D. Lange, R.E. Mamouri, I. Mattis, F. Molero, N. Montoux, A. Muñoz, C. Muñoz Porcar, F. Navas-Guzmán, A. Nisantzi, N. Papagiannopoulos, A. Papayannis, S. Pereira, J. Preißler, M. Pujadas, V. Rizi, F. Rocadenbosch, K. Sellegri, V. Simeonov, G. Tsaknakis, F. Wagner and G. Pappalardo	2.929
9.	A methodology for investigating dust model performance using synergistic EARLINET/AERONET dust concentration retrievals	ATMOS. MEAS. TECH., vol. 8, no. 9, pp. 3577-3600, 10.5194/amt-8-3577-2015, 2015	I. Biniotoglou, S. Basart, L. Alados-Arboledas, V. Amiridis, A. Argyrouli, H. Baars, J.M. Baldasano, D. Balis, L. Belegante, J.A. Bravo-Aranda, P. Burlizzi, V. Carrasco, A. Chaikovsky, D. Nicolae, A. Comeron, G. D'Amico, M. Filioglou, M.J. Granados-Muñoz, J.L. Guerrero-Rascado, L. Ilic, P. Kokkalis, A. Maurizi, L. Mona, F. Monti, C. Muñoz-Porcar, A. Papayannis, G. Pappalardo, G. Pejanovic, S.N. Pereira, M.R. Perrone, A. Pietruczuk, M. Posyniak,	2.929

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			F. Rocadenbosch, A. Rodríguez-Gómez, M. Sicard, N. Siomos, A. Szkop, E. Terradellas, A. Tsekeri, A. Vukovic, U. Wandinger and J. Wagne	
10.	Developing Edges in Veterinary Oncology	J BIOTECHNOL, vol. 208, pp. 40-41, 10.1016/j.jbiotec.2015.06.114, 2015	R. Negreanu, C. Cranganu, R. Constantinescu, D. Mirea, S. Dontu, R. Negreanu	2.871
11.	Hyperspectral imaging-based wound analysis using mixture-tuned matched filtering classification method	J. Biomed. Opt, vol. 20, no. 4, pp. 46004, doi:10.1117/1.JBO.20.4.046004, 2015	M.A. Calin, T. Coman, S.V. Parasca, N. Bercaru, R. Savastru, D. Manea	2.859
12.	Application of low-cost electrothermal vaporization capacitively coupled plasma microtorch optical emission spectrometry for simultaneous determination of Cd and Pb in environmental samples	MICROCHEM J, vol. 121, pp. 192-198, doi:10.1016/j.microc.2015.03.009, 2015	T. Frentiu, E. Darvasi, S. Butaciu, M. Ponta, D. Petreus, R. Etz, M. Frențiu	2.746
13.	Improvement of the tribological performance in corrosive environment of CoCr alloy by TiSiON coatings	APPL SURF SCI, vol. 332, pp. 295-299, 10.1016/j.apsusc.2015.01.221, 2015	M. Dinu, M. Cojocaru, V. Braic, M. Tarcolea, M. Braic, F. Miculescu, A. Vladescu, C.M. Cotrut	2.711
14.	Effect of the deposition temperature on corrosion resistance and biocompatibility of the hydroxyapatite coatings	APPL SURF SCI, vol. 354, pp. 373-379, 10.1016/j.apsusc.2015.05.059, 2015	A. Vladescu, M. Braic, F.A. Azem, I. Titorencu, V. Braic, V. Pruna, A. Kiss, A.C. Parau, I. Birlik	2.711
15.	Spatially resolved nanostructural transformation in graphite under femtosecond laser irradiation	APPLIED SURFACE SCIENCE, vol. 355, pp. 477-483, 0169-4332/10.1016/j.apsusc.2015.06.194, 2015	A. Marcu, L. Avotina, C. Porosnicu, A. Marin, C. E. Grigorescu, D. Ursescu, M. Lungu, N. Demitri, C. P. Lungu	2.711
16.	The effect of TiSiN interlayers on bond strength of dental ceramic to NiCr and CoCr alloys	CERAM INT, vol. 41, pp. 8051-8058, 10.1016/j.ceramint.2015.03.001, 2015	A. Vladescu, M. Dinu, M. Braic, C. Vitelaru, M. Balaceanu, M. Tarcolea, V. Braic, F. Baci, C.M. Cotrut	2.605
17.	Synthesis and characterization of TiSiON biocompatible thin films used in biomedical applications	SCI ADV MATER, vol. 7, pp. 1350-1360, 10.1166/sam.2014.2051, 2015	C.M. Cotrut, C. Vitelaru, M. Dinu, T. Petreus, A. Vladescu	2.598

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18.	Using Raman-lidar-based regularized microphysical retrievals and Aerosol Mass Spectrometer measurements for the characterization of biomass burning aerosols	J COMPUT PHYS, vol. 299, pp. 156-174, 10.1016/j.jcp.2015.06.045, 2015	S. Samaras, D. Nicolae, C. Bockmann, J. Vasilescu, I. Binietoglou, L. Labzovskii, F. Toanca, A. Papayannis	2.434
19.	Densification Contribution as a Function of Strain Rate under Indentation of Terbium Doped Aluminophosphate Glass	J MATER SCI, vol. 51, no. 3, pp. 1409-1417, 1573-4803, 2015	O. Shikimaka, D. Grabco, B. A. Sava, M. Elisa, L. Boroica, E. Harea, C. Pyrtsac, A. Prisacaru	2.371
20.	Hydrogenretention in beryllium: concentration effect and nanocrystallinegrowth	J PHYS CONDES MATTER, vol. 27, no. 47, 10.1088/0953-8984/27/47/47540 1, 2015	C. Pardanaud, M.I. Rusu, C. Martin, G. Giacometti, P. Roubin, Y. Ferro, A. Allouche, M. Oberkofler, M. Köppen, T. Dittmar, Ch. Linsmei	2.346
21.	Temporal variability of fauna and the importance of sampling frequency in the hyporheic zone	HYDROBIOLOGIA, vol. 755, no. 1, pp. 27-38, DOI 10.1007/s10750-015-2215-3, 2015	O.T. Moldovan, E. Levei	2.275
22.	Influence of Co/Fe ratio on the oxide phases in nanoparticles of $\text{Co}_x\text{Fe}_{3-x}\text{O}_4$	J THERM ANAL CALORIM, vol. 119, pp. 1001-1009, DOI: 10.1007/s10973-014-4280-7, 2015	T. Dippong, E. Levei, G. Borodi, F. Goga, L. Barbu Tudoran	2.206
23.	Structural and magnetic properties of $\text{Co}_x\text{Fe}_{3-x}\text{O}_4$ versus Co/Fe molar ratio	J-MAGN-MAGN-MATER, vol. 394, pp. 111-116, doi 10.1016/j.jmmm.2015.06.0551,970, 2015	T. Dippong, E. Levei, L. Diamandescu, I. Bibicu, C. Leonstean, G. Borodi, L. Barbu Tudoran	1.970
24.	Determination of Total Mercury in Fish Tissue Using a Low-Cost Cold Vapor Capacitively Coupled Plasma Microtorch Optical Emission Microspectrometer: Comparison with Direct Mercury Determination by Thermal Decomposition Atomic Absorption Spectrometry	FOOD ANAL METHOD, vol. 8, pp. 643-648, DOI: 10.1007/s12161-014-9940-5, 2015	T. Frențiu, S. Butaciu, M. Ponta, M. Șenilă, E. Darvasi, M. Frentiu, D. Petreuş	1.956
25.	Analytical characterization of a method for mercury determination in food using cold vapour capacitively coupled plasma microtorch optical emission spectrometry – compliance with European legislation requirements	ANAL METHODS-UK, vol. 7, pp. 747-752, DOI: 10.1039/C4AY02161D, 2015	T. Frentiu, S. Butaciu, E. Darvasi, M. Ponta, M. Senila, D. Petreuş, M. Frențiu	1.938

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26.	Investigation of multilayered TiSiC/NiC protective coatings	Vacuum, vol. 120, pp. 60-66, 10.1016/j.vacuum.2015.06.019, 2015	A. Vladescu, M. Balaceanu, M. Braic, A.C. Parau, M. Dinu	1.858
27.	Characterization of burn injuries using hyperspectral imaging technique - a preliminary study	BURNS, vol. 41, no. 2, pp. 118-124, 0305-4179/10.1016/j.burns.2014.05.002, 2015	M.A. Calin, S.V. Parasca, R. Savastru, D. Manea	1.836
28.	Hetero-epitaxial growth of TiC films on MgO(001) at 100 °C by DC reactive magnetron sputtering	THIN SOLID FILMS, vol. 589, pp. 590-596, 10.1016/j.tsf.2015.06.021, 2015	M Braic, C.N. Zoita, M. Danila, C.E.A. Grigorescu, C. Logofatu	1.759
29.	Growth and characterization of arc evaporated TiSiC-Ni coatings	TRIBOL LETT, vol. 58, no. 3, pp. 43, 10.1007/s11249-015-0521-6, 2015	M. Balaceanu, A.C. Parau, M. Braic, A. Vladescu, C.R. Luculescu, C. Logofatu, V. Braic	1.739
30.	Application of multiple toxicity tests in monitoring of landfill leachate treatment efficiency	ENVIRON MONIT ASSESS, vol. 187, no. 8, pp. 489, DOI: 10.1007/s10661-015-4670-8, 2015	G. Kalčíková, M. Zupančič, E.A. Levei, M. Miclean, A.J. Englande, A. Žgajnar Gotvajn	1.679
31.	Rapid determination of Faraday rotation in optical glasses by means of secondary Faraday modulator	REV SCI INSTR, vol. 86, no. 53905, pp. 1-7, 0034-6748, 2015	M. Sofronie, M. Elisa, B. A. Sava, L. Boroica, M. Valeanu, V. Kuncser	1.614
32.	Evaluation of Various Inorganic and Biological Extraction Techniques Suitability for Soil Mercury Phytoavailable Fraction Assessment	WATER AIR SOIL POLL 226:198, pp. 1-9, DOI: 10.1007/s11270-015-2458-7, 2015	M. Hlodak, P. Matus, M. Urik, L. Korenkova, P. Mikusova, M. Şenilă, P. Divis	1.554
33.	CdSe/ZnS-doped silicophosphate films prepared by sol-gel method	J SOL-GEL SCI TECHN, vol. 73, no. 3, pp. 660-665, 1573-4846, 2015	M. Elisa, I. C. Vasiliu, I. D. Feraru, C. R. Iordanescu, M. I. Rusu, R. D. Trusca, E. Vasile, S. Peretz	1.532
34.	Silicophosphate films doped with organic compounds for nonlinear optical applications	J SOL-GEL SCI TECHN, vol. 73, no. 3, pp. 586-590, 1573-4846, 2015	I. C. Vasiliu, I. Ionita, A. Matei, M. Elisa, C. R. Iordanescu, I. D. Feraru, A. Emandi	1.532
35.	Micro-Raman spectroscopy in the visible range: a tool for rapid investigation of mammary tumours	ROM REP PHYS, vol. 67, no. 4, pp. 1525-1536, 1221-1451, 2015	I.A. Birtoiu, M.I. Rusu, N.D. Berechescu Barbu, B.A. Vitalaru, D. Togoe, M. Parascal, M.V. Udrea, B.	1.517

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			Chiricuta, C. Rizea, A. Parau, C.E.A. Grigorescu	
36.	Surface plasmon resonance and photoinduced dichroism in amorphous chalcogenide As ₂ S ₃ films for 2D optical memory	ROM REP PHYS, vol. 67, no. 4, pp. 1421-1430, 1221-1451, 2015	A. Popescu, L. Baschir, M. Stafe, C. Negutu, D. Savastru, V. Savu, G. Vasile, M. Mihailescu, N.N. Puscas	1.517
37.	Ellipsometric studies of photoinduced changes of optical constants in As-Se, chalcogenide	ROM REP PHYS, vol. 67, no. 4, pp. 1438-1446, 1221-1451, 2015	L. Baschir, D. Savastru, V. Savu	1.517
38.	Analysis of an Erbium Fiber Laser operated in passive Q-Switch modulated mode-locking regime by using an unpumped optic fiber	ROM REP PHYS, vol. 67, no. 4, pp. 1288-1299, 1221-1451, 2015	S. Miclos, D. Savastru, R. Savastru, I. Lancranjan	1.517
39.	Analysis of optical microfiber thermal processes	ROM REP PHYS, vol. 67, no. 4, pp. 1586-1596, 1221-1451, 2015	D. Savastru, S. Miclos, R. Savastru, I. Lancranjan	1.517
40.	Wavelet and short time Fourier transformations - two complementary methods for spectral analysis of muscle electrical activity	ROM REP PHYS, vol. 67, no. 4, pp. 1-10, 1221-1451, 2015	D. Popescu, S. Miclos, I. Pasol, V.I.R. Niculescu	1.517
41.	A method for assessing mammary tumours based on hyperspectral imaging	ROM REP PHYS, vol. 67, no. 4, pp. 1503-1511, 1221-1451, 2015	D. Manea, M.A. Calin, S. Miclos, D. Savastru, R. Negreanu	1.517
42.	Corrosion behaviour of Ti-10Nb-10Zr-5Ta alloys in artificial saliva solution with fluoride content	MATER CORROS, vol. 66, pp. 1331-1337, 10.1002/maco.201508382, 2015	M. Braic, A. Vladescu, V. Braic, C.M. Cotrut, A.C. Parau, D. Stanciu	1.508
43.	Measurement and evaluation of natural radioactivity in phosphogypsum in industrial areas from Romania	J Radioanal Nucl Chem, vol. 304, pp. 1303-1312, DOI 10.1007/s10967-015-3970-3, 2015	M.R. Calin, I. Radulescu, M.A. Calin	1.420
44.	TiSiC, TiSiC-Zr and TiSiC-Cr coatings - corrosion resistance and tribological performance in saline solution	TRIBOL T, vol. 59, pp. 72-79, 10.1080/10402004.2015.1077406, 2015	A.C. Parau, C. Vitelaru, M. Balaceanu, V. Braic, L.R. Constantin, M. Braic, A. Vladescu	1.349

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45.	Effect of SiC interlayer between Ti6Al4V alloy and hydroxyapatite films	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, vol. 229, pp. 307-318, 10.1177/0954411915578886., 2015	F.A. Azem, I. Birlik, V. Braic, M. Toparli, E. Celik, A.C. Parau, A. Kiss, I. Titorencu, A. Vladescu	1.329
46.	A short overview on light enhancement in SOI and void nanostructures	CURR NANOSCI, vol. 11, no. 1, pp. 49-55, 1573-4137, 2015	M. Ciobanu, L. Preda, D. Savastru, R. Savastru, A. Popescu, S. Miclos, M. Tautan, M.I. Rusu	1.096
47.	Case study of the first volcanic ash exercise in romania using remote sensing techniques	ENVIRON ENG MANAG J, vol. 14, no. 11, 1582-9596, 2015	L. Belegante, M.M. Cazacu, A. Timofte, F. Toanca, J. Vasilescu, M.I. Rusu, N. Ajtai, H.I. Stefanie, L. Vetres, A. Ozunu, S. Gurlui	1.065
48.	Study of Air Pollution in Bucharest, Romania During 2005-2007	ENVIRON ENG MANAG J, vol. 14, no. 4, pp. 809-818, ISSN: 1582-9596, 2015	S. Stefan, R. Barladeanu, S. Andrei, L. Zagar	1.065
49.	Assessment of heavy metals in cow's milk in Rodnei mountains area, Romania	ENVIRON ENG MANAG J, vol. 14, no. 11, pp. 2523-2528, ISSN: 1843 - 3707, 2015	O. Cadar, M. Miclean, S. Cadar, C. Tănăsolia, L. Șenilă, M. Șenilă	1.065
50.	Assessment of pollutants input of acid mine drainage and domestic activities in Aries river water, Romania –a chemometric approach	ENVIRON ENG MANAG J, vol. 14, no. 11, pp. 2567-2576, ISSN: 1843 - 3707, 2015	E.A. Levei, T. Frentiu, M. Ponta, M. Șenilă, O. Moldovan	1.065
51.	Comparison of FAAS and XRF performance for metal monitoring in brownfields	ENVIRON ENG MANAG J, vol. 14, no. 11, pp. 2515-2521, ISSN: 1843 - 3707, 2015	M.L. Bizo, C. Roba, E. Levei, A. Hoaghia, C. Modoi, A. Ozunu	1.065
52.	Evaluation of Conservation State by Analysis of Imperial Gates' Constituent Materials Belonging to Aschileu Mic Wooden Church, Cluj County	REV CHIM-BUCHAREST, vol. 66, no. 7, pp. 992-996, ISSN 0034-7752, 2015	C. Măruțoiu, I.N. Bratu, A.M. Budu, G. Santa, O.F. Măruțoiu, C. Neamțu, C. Tănăsolia, I. Kacso, I.C. Sandu	0.810

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53.	Preliminary investigation concerning metals content and bioavailability in waters of Aries River and its tributaries by using the Diffusive Gradients in Thin films technique	JOURNAL OF CHEMISTRY, vol. 2015, pp. 1-8, http://dx.doi.org/10.1155/2015/762121 , 2015	M. Șenilă, E. Levei, L. Șenilă, M. Roman	0.772
54.	Satellite thermal infrared anomalies associated with strong Vrancea earthquakes in Romania	OPEN GEOSCI, vol. 7, no. 1, pp. 606-617, 2391-5447, 2015	M. Zoran, R. Savastru, D. Savastru	0.663
55.	Land use and land cover dynamics in the periurban area of an industrialized East-European city an overview of the last 100 years	CARPAT J EARTH ENV, vol. 10, no. 4, pp. 29-38, 1842 - 4090, 2015	A.A. Gravididis, S.R. Gradinaru, I.C. Ioja, E.M. Carstea, I. Patru Stupariu	0.630
56.	Chemical assessment of soil quality for ecological reconstruction strategies	CARPAT J EARTH ENV, vol. 10, no. 4, pp. 195-202, ISSN 1842 - 4090, 2015	M.L. Bizo, E. Levei, E. Kothe, M. Șenilă, C. Modoi, A. Ozunu	0.630
57.	Automatic germination evaluation and qualitative analysis of essential oil of Mentha piperita L. under the influence of high quality pulsatile electromagnetic and ultrasound pulsatile fields	NOT BOT HORTI AGROBO, vol. 43, no. 1, pp. 146-152, DOI:10.15835/nbh a4319973, 2015	V. Singureanu, R. Ungur, I. Onac, M.H. Kovacs, G. Moldovan, R. Singureanu	0.547
58.	Sugar Beet (Beta Vulgaris L) yields and bioethanol potential under irrigation regime and specific climatic factors of the Transylvanian plain	NOT BOT HORTI AGROBO, vol. 43, no. 2, pp. 455-461, DOI:10.15835/nbh a43210131, 2015	S.C. Bârsan, A.M. Ivan, L.C. Luca, E. Luca	0.547
59.	Assessment of the effectiveness of low-level laser therapy (LLLT) on the knee hydrarthrosis by optoelectronics methods	J OPTOELECTRON ADV M, vol. 16, no. 5, pp. 739-744, 1454-4164, 2015	M.A. Calin, G. Mologhianu, D. Savastru, D. Manea, C.M. Brailescu	0.429
60.	Influence of the chemical composition on the mechanical properties of forged microalloyed steels	J OPTOELECTRON ADV MAT, vol. 17, no. 7, pp. 1004-1011, 1454-4164, 2015	V. Geanta, M. Taca, D.D. Daisa, I. Voiculescu, R. Stefanescu, D.M. Constantinescu, D. Savastru	0.429
61.	Study of planetary boundary layer height from LIDAR measurements and ALARO model	J. OPT. ADV. MATER., vol. 17, no. 7, pp. 911-917, ISSN: 1454-4164, 2015	A. Timofte, L. Belegante, M.M. Cazacu, B. Albina, C. Talianu, S. Gurlui	0.429
62.	Multilateral characterization of masks and tubes surfaces in contact with respiratory system through ventilation	J OPTOELECTRON ADV M, vol. 17, no. 9, pp. 1563-1571,	A.C. Coman, D.A. Todea, F. Popa, T. Radu, O. Cadar, C. Borzan	0.429

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		ISSN: 1454 - 4164, 2015		
63.	Analytical considerations and numerical simulations for surface plasmon resonance in four layers plasmonic structures wich contain high refractive index waveguide	UPB SCI BULL SER A, vol. 77, no. 4, pp. 233-244, 1223-7027, 2015	A. Popescu, L. Baschir, D. Savastru, M. Stafe, G. Vasilescu, S. Miclos, C. Negutu, M. Mihailescu, N.N. Puscas	0.405
64.	Finite element analysis of equal channel angular pressing by using a multi-pass die	OPTOELECTRON ADV MAT, vol. 9, no. 10, pp. 1322-1327, 1842-6573, 2015	R. Comaneci, L.G. Bujoreanu, C. Baciuc, A.M. Predescu, D. Savastru	0.394
65.	Autohydrolysis pretreatment and delignification of silver fir wood to obtain fermentable sugars for bioethanol production	ENERG SOURCE PART A, vol. 37, no. 1890, pp. 1895, DOI:10.1080/15567036.2012.658139, 2015	L. Șenilă, M. Șenilă, C. Văraticeanu, C. Roman, L. Silaghi-Dumitrescu	0.358
66.	Non-Destructive Evaluation Methods of Materials and Structures	Journal Defect and Diffusion Forum, pp. 122-131, 0377-6883, 2015	I. Chilibon	0.310
67.	Hyperspectral imaging in different light conditions	IMAGING SCI J, vol. 63, no. 4, pp. 214-219, DOI:10.1179/1743131X15Y.0000000001, 2015	D. Manea, M.A. Calin	0.298
68.	In vivo study of MAL-PDT using fluorescence spectra	U.P.B. Sci. Bull., Series A, vol. 77, no. 2, pp. 269-276, (print) : 1223-7027 / (online) 2286-3672, 2015	E. Petrescu, M.A. Calin, B. Marinescu, C. Cirtoaje	0.280
69.	Biogeochemistry of Hg in Soil-Plant System in Regions with Anthropogenic Contamination	CHEM LISTY , vol. 109, pp. 385-389, ISSN 0009-2770, 2015	M. Hlodak, P. Matus, M. Urik, L. Korenkova, P. Mikusova, M. Șenilă, P. Divis	0.272
70.	Recent Developments on Surface Acoustic Wave (SAW) Sensors for Harsh Conditions	Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies VII, vol. 9258, pp. 392-398,	P. Schiopu, I. Chilibon, N. Grosu, A. Craciun	0.250

Nr crt	TITLUL	REVISTA	AUTORII	FI
		10.1117/12.2071780, 2015		
71.	Characterization of contemporary bast textiles and investigation of induced ageing effects for complex Cultural Heritage restoration of textile artifacts	Textile Industry Magazine, vol. 66, no. 6, pp. 353-359, ISSN 1222-5347, 2015	M. Dinu, R. Radvan, C. Radulescu, I. M. Cortea	0.204
72.	Analytical capability and validation of a method for total petroleum hydrocarbon determination in soil using GC-FID	STUD U BABES-BOL CHE, vol. 60, no. 2, pp. 137-146, ISSN 1224-7154, 2015	M. Senila, E. Levei, L. Senila, O. Cadar, M. Roman, M. Miclean	0.191
73.	Comparative Evaluation of Some Minor- and Major Element Contents in Commercial Yogurts	STUD U BABES-BOL CHE, vol. 60, no. 4, pp. 77-84, ISSN 1224-7154, 2015	O. Cadar, M. Miclean, M. Șenilă, A. Hoaghia, M. Sager	0.191
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75.	Groundwater Chemistry Rendering Using Durov, Piper and Ion Balance Diagrams. Study Case: The Northern Part of Sibiu County	STUD U BABES-BOL CHE, vol. 60, no. 4, pp. 161-168, ISSN 1224-7154, 2015	A. Hoaghia, C. Roman, C. Tanaselia, D. Ristoiu	0.191
76.	Mortars for the Enhancement of the Indoor Environmental Quality	STUD U BABES-BOL CHE, vol. 60, no. 4, pp. 45-54, ISSN 1224-7154, 2015	C. Aciu, D.L. Manea, C. Puia, O. Cadar	0.191
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Nr crt	TITLUL	REVISTA	AUTORII	FI
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