

ANEXA 6. Lucrări științifice in reviste fără cotație ISI

Nr.Crt.	TITLUL	REVISTA	AUTORII
Lucrari publicate in reviste din baze de date recunoscute (fara cotație ISI)			
Cotate ISI			
1.	Effect of spin coating technique on mechanical properties of silicophosphate thin film doped by neodymium	Book Series: IFMBE Proceedings, vol. 55, pp. 89-92, 978-981-287-735-2, 2016	D. Grabco, O. Shikimaka, M. Elisa, B. A. Sava, L. Boroica, E. Harea, C. Pyrtsac, A. Prisacaru, I. D. Feraru, Z. Barbos, I. Vreme
2.	Piezoelectric devices for generating low power	Proc. of SPIE 10010, Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies VIII, vol. 10010, pp. 1-7, doi:10.1117/12.2248729, 2016	I. Chilibon
3.	Synergistic use of geospatial and in-situ data for earthquake hazard assessment in Vrancea area	Proceedings of SPIE, 4th International Conference on Remote Sensing and Geoinformation of the Environment (Rscy2016), vol. 9688, no. 96880, 10.1117/12.2240656, 2016	M. Zoran, R. Savastru, D. Savastru
4.	Earthquake signature revealed by time series satellite and ground-based data	Proc. SPIE , Earth Resources and Environmental Remote Sensing/GIS Applications VII, 100050A, vol. 10005, doi: 10.1117/12.2241265, 2016	M. Zoran, R. Savastru, D. Savastru
5.	Remote sensing of climate changes effects on urban green biophysical variables	Proc. SPIE , Earth Resources and Environmental Remote Sensing/GIS Applications VII, 100051K, vol. 10005, doi: 10.1117/12.2241369, 2016	M. Zoran, A. Dida
6.	Forest vegetation dynamics and its response to climate changes	Proc. SPIE , Remote Sensing for Agriculture, Ecosystems, and Hydrology XVIII, 99981V, vol. 9998, doi: 10.1117/12.2241374, 2016	M. Zoran, L.F. Zoran, A. Dida
Indexate ISI			
1.	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.	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.	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
4.	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
5.	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,
6.	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,
7.	Mechanical properties and fractal analysis of the surface texture of sputtered hydroxyapatite coatings	Applied Surface Science, vol. 379, pp. 338-346, 10.1016/j.apsusc.2016.04.077, 2016	M. Bramowicz, L. Braic, F.Ak. Azem, S. Kulesza, I. Birlik,
8.	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,
9.	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,
10.	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,

11.	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,
12.	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,
13.	How morphology determines the charge storage properties of Ge nanocrystals in HfO2	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,
14.	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,
15.	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,
16.	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,
17.	Assessing urban air quality and its relation with radon (Rn-222)	J RADIOANAL NUCL CH, vol. 309, no. 2, pp. 909-922, 10.1007/s10967-015-4681-5, 2016	M. Zoran, D. Savastru, A. Dida,
BDI			
18.	Comparative investigation of CrN, CrCN and CrSiCN coatings prepared by magnetron sputtering	U.P.B. Scientific Bulletin, Seria B, vol. 78, pp. 237-246, 1454-2331, 2016	L.R. Constantin, M. Balaceanu, M. Cojocaru, M. Tarcolea, M. Dinu,
19.	Analysis of minor and trace elements in cow, goat and sheep milk in the NW part of Romania	ProEnvironment, vol. 9, pp. 67-70, ISSN: 2066-1363, 2016	O. Cadar, C. Tănăsolia, M. Miclean, E. Levei, M. Șenilă, L. Șenilă,
20.	Element and trace element contents of cow milk sampled in Western Romanian Carpathian and alpine areas	Acta Oecologica Carpatica, vol. 9, pp. 199-204, ISSN: 1146-609X, 2016	M. Sager, O.A. Cadar, D. Simedru,
21.	Considerations on flow regeneration circuits and hydraulic motors speed variation at constant flow	HIDRAULICA, no. 1, pp. 21-29, ISSN 1453-7303, 2016	T.C. Popescu, A.I. Popescu, Al. Marinescu,

22.	Considerations on energy losses in hydraulic drive systems	HIDRAULICA, no. 1, pp. 36-46, ISSN 1453-7303, 2016	C. Cristescu, I. C. Dumitrescu, G. Vrânceanu, L. Dumitrescu,
23.	Fertilizer injection device	HIDRAULICA, no. 1, pp. 51-60, ISSN 1453-7303, 2016	Gh. Șovăială, S. Anghel, G. Matache, A.-M. Popescu, P.M. Cârlescu, N. Tănăsescu,
24.	Energy use in hydraulic drive systems equipped with fixed displacement pumps	HIDRAULICA, no. 2, pp. 48-57, ISSN 1453-7303, 2016	P. Drumea, I. C. Dumitrescu, Al. Hristea, A.-M. Popescu,
25.	Increasing the efficiency of wood biomass gasification boilers	HIDRAULICA, no. 2, pp. 70-75, ISSN 1453-7303, 2016	G. Matache, I. Pavel, A. Panțiru, M. Ciciu,
26.	Computerized system for a steering box testing stand with automatic data record and report issuing	HIDRAULICA, no. 3, pp. 29-33, ISSN 1453-7303, 2016	R.I. Rădoi, I. C. Dumitrescu, I.C. Duțu,
27.	Combined energy systems for obtaining energy from renewable sources used in isolated areas	HIDRAULICA, no. 4, pp. 33-40, ISSN 1453-7303, 2016	C. Cristescu, I. C. Dumitrescu, G. Vrânceanu, L. Dumitrescu, A.-M. Popescu,
28.	Approaches of the best maintenance strategies applied to hydraulic drive systems	HIDRAULICA, no. 4, pp. 63-68, ISSN 1453-7303, 2016	Al. Marinescu, T.C. Popescu, A.I. Popescu, C.-A. Safta,
29.	Rampă hidraulică de asalt montată pe autovehicul	Buletinul AGIR, no. 4, pp. 122-129, ISSN-L 1224-7928, 2016	C. Cristescu, I. C. Dumitrescu, I. Lepădatu, R.I. Rădoi, M. Blejan, I. Bălan, P. Krevey,
Alte baze de date			
30.	Piezoelectric Structures and Low Power Generation Devices	Sensors & Transducers Journal, vol. 205, no. 10, pp. 16-24, 2306-8515, 2016	I. Chilibon
31.	Markers for tumor margin assessment through Raman spectroscopy in comparative oncology	Lucrari Stiintifice Medicina Veterinara, vol. 59, no. 8, pp. 140-147, 1454-7406, 2016	A. I. Birtoiu, R. M. Munteanu, C. Micsa, D. Togoe, A. B. Vitalaru, M. I. Rusu, M. Tautan, L. Braic, L. O. Scoicaru, A. Parau, N. D. Becherescu-Barbu, M. V. Udrea, C. E. Grigorescu,
32.	Dynamic modelling of pesticides uptake by Triticum spp. anatomical compartments	J. Int. Sci. Pub. Agriculture & Food, vol. 4, pp. 215-228, ISSN 1314-8591, 2016	E.D. Kovacs, M.H. Kovacs, R. Trâmbișas

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Lucrari publicate in proceedings-uri			

Indexate ISI			
1.	Conservation and Valorization of heritage Ethnographic Textiles	Proceedings of the 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 – November 5, 2016, Part II, Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection, Eds.M. Ioannides et.al.,Springer, pp. 151-159, 978-3-319-48973-5, 2016	A. Ispas, C. Popescu, G. Rosu, H.C. Radulescu, H. Fischer, P. Roedel, M. Dinu, R. Radvan
2.	Evaluation of the anthropogenic impact of water quality of Dambovită River	Proc. Water Resources and Wetlands, vol. 1, pp. 91-98, 2285-7923, 2016	G.A. Morosanu, S. Dontu, O. Copacenaru, V. Gavril, F.A. Zaharia, E.M. Carstea
3.	Synergy use of satellite remote sensing and in-situ monitoring data for air pollution impacts on urban climate	Proc. of SPIE 10008, Remote Sensing Technologies and Applications in Urban Environments, vol. 1000814, doi:10.1117/12.2241364, 2016	D. Savastru, M. Zoran, R. Savastru
4.	Impacts of urban growth and heat waves events on the urban heat island in Bucharest city	Proc. of SPIE 10008, Remote Sensing Technologies and Applications in Urban Environments, vol. 1000813, doi:10.1117/12.2241360, 2016	M. Zoran, R. Savastru, D. Savastru, A. Dida
5.	Earthquake precursors assessment in Vrancea region through satellite and in-situ monitoring data	Proceedings of the Symposium Commemorating 75 Years from November 10, 1940 Vrancea Earthquake, pp. 305-314, 978-3-319-29843-6, 2016	M. Zoran, D. Savastru, D. Mateciuc
6.	Surface Enhanced Raman Scattering in Surgery and Forensics	International Conference on Transparent Optical Networks-ICTON, 978-1-5090-1467-5, 2016	C. Micsea, C. Rizea, M.I. Rusu, N.D. Becherescu-Barbu, R. Munteanu, M.V. Udrea, B. Chiricuta, A. Parau, A. Tonetto, R. Notonier
7.	Integrated remote sensing for multi-temporal analysis of urban land cover-climate interactions	4th International Conference on Remote Sensing and Geoinformation of the Environment RSCy2016, Proc. of SPIE, vol. 9688, no. UNSP 968822, doi: 10.1117/12.2240678, 2016	D. Savastru, M. Zoran, R. Savatru
8.	Synergistic use of geospatial and in-situ data for earthquake hazard assessment in Vrancea area	5th International Conference on Remote Sensing and Geoinformation of the Environment (RSCy), vol. 9688, no.	M. Zoran, R. Savastru, D. Savastru

		UNSP 96880L, doi: 10.1117/12.2240656, 2016	
9.	- Lithosphere-Surfacesphere- Atmosphere-Ionosphere coupling model for Vrancea seismic zone in Romania	AIP Conference Proceedings, vol. 1722, no. 120001, doi: 10.1063/1.4944186, 2016	M. Zoran, R. Savastru, D. Savastru
10.	Variability of Biomass Burning Aerosols Layers and Near Ground	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 24004, pp. 1-4, https://doi.org/10.1051/epjconf/201611924004 , 2016	J. Vasilescu, L. Belegante, L. Marmureanu, F. Toanca
11.	Lidar Calibration Centre	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 19003, pp. 1-4, 10.1051/epjconf/201611919003 , 2016	G. Pappalardo, V. Freudenthaler, D. Nicolae, L. Mona, L. Belegante, G. D'Amico
12.	Combined sphere-spheroid particle model for the retrieval of the microphysical aerosol parameters via regularized inversion of lidar data	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 23022, pp. 1-4, 10.1051/epjconf/201611923022 , 2016	S. Samaras, C. Böckmann, D. Nicolae
13.	Independent Retrieval of Aerosol Type from Lidar	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 18002, pp. 1-4, 10.1051/epjconf/201611918002 , 2016	D. Nicolae, J. Vasilescu, C. Talianu, A. Dandocsi
14.	EARLINET: 12-Year of Aerosol Profiling Over Europe	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 19002, pp. 1-4, 10.1051/epjconf/201611919002 , 2016	L. Mona, L. Alados- Arboledas, V. Amiridis, A. Amodeo, A. Apituley, D. Balis, A. Comeron, M. Iarlori, H. Linne, D. Nicolae, A.J. Papayannis, M.R. Perrone, V. Rizi, N. Siomos, U. Wandinger, X. Wang, G. Pappalard
15.	Study Case of Air-Mass Modification over Poland and Romania Observed By the Means of Multiwavelength Raman Depolarization Lidars	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 8008, pp. 1-4, 10.1051/epjconf/201611908008 , 2016	M. Costa-Suros, L. Janicka, I.S. Stachlewska, A. Nemuc, C. Talianu, B.

			Heese, R. Engelmann
16.	Multiyear Aerosol Study Based on Lidar&Sunphotometer Measurements in Romania	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 24001, pp. 1-4, 10.1051/epjconf/201611924001, 2016	A. Nemuc, I.S. Binietoglou, S. Andrei, A. Dandocsi, H. Stefanie
17.	Vertical Profiles of Aerosol Optical and Microphysical Properties during a Rare Case of Long-Range Transport of Mixed Biomass Burning-Polluted Dust Aerosols from the Russian Federation-Kazakhstan to Athens, Greece	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 18003, pp. 1-4, 10.1051/epjconf/201611918003, 2016	A. Papayannis, A. Argyrouli, P. Kokkalis, G. Tsaknakis, I. Binietoglou, S. Solomos, S. Kazadzis, S. Samaras, C. Bockmann, P. Raptis, V. Amiridis
18.	Tropospheric Vertical Profiles of Aerosol Optical, Microphysical and Concentration Properties in the Frame of the HygrA-CD Campaign (Athens, Greece 2014): A Case Study of Long-Range Transport of Mixed Aerosols	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 23016, pp. 1-4, 10.1051/epjconf/201611923016, 2016	A. Papayannis, A. Argyrouli, D. Muller, G. Tsaknakis, P. Kokkalis, I. Binietoglou, S. Kazadzis, S. Solomos, V. Amiridis
19.	3D Structure of Saharan Dust Transport towards Europe as Seen by Calipso	EPJ Web of Conferences, 27th International Laser Radar Conference (ILRC 27), vol. 119, no. 18007, pp. 1-4, 10.1051/epjconf/201611918007, 2016	E. Marinou, V. Amiridis, A. Tsekeri, S. Solomos, P. Kokkalis, E. Proestakis, M. Kottas, I. Binietoglou, P. Zanis, S. Kazadzis, U. Wandinger, A. Ansmann
20.	Anomalous Radon Emission as Precursor of Medium to Strong Earthquakes	9th International Physics Conference of the Balkan Physical Union (BPU-9), vol. 1722, no. 120002, pp. 1-4, 10.1063/1.4944187, 2016	M. Zoran
21.	Lithosphere-Surfacesphere-Atmosphere-Ionosphere Coupling Model for Vrancea Seismic Zone in Romania	9th International Physics Conference of the Balkan Physical Union (BPU-9), vol. 1722, no. 120001, pp. 1-4, 10.1063/1.4944186, 2016	M. Zoran, R. Savastru, D. Savastru

22.	Satellite Earth Observation Data to Identify Climate and Anthropogenic Pressures on Bucharest Periurban Forests	9th International Physics Conference of the Balkan Physical Union (BPU-9), vol. 1723, no. 270007, pp. 1-4, 10.1063/1.4944279, 2016	M. Zoran, R. Savastru, D. Savastru, A. Dida
23.	Earthquake Precursors Assessment in Vrancea Region Through Satellite and In Situ Monitoring Data	Springer Natural Hazards, 1940 Vrancea Earthquake. Issues, Insights and Lessons Learnt, pp. 305-314, 10.1007/978-3-319-29844-3_20, 2016	M. Zoran, D. Savastru, D. Mateciuc
24.	Simulation & Modelling of a Tungsten Filament with COMSOL for Electrothermal Process	Proceedings of the 22nd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), pp. 165-170, ISBN:978-1-5090-4446-7, 2016	S. Cadar, R. Etz, T. Patarau, D. Petreus, F.S. Maxime
25.	Temperature and Power Consumption for Tungsten Coil in the Drying Process of Liquid Samples	Proceedings of the 39th International Spring Seminar on Electronics Technology (ISSE), pp. 348-352, ISBN:978-1-5090-1389-0 ISSN: 2161-2536, 2016	S. Cadar, D. Petreus, R. Etz, T. Frentiu, E. Darvasi, S. Butaciu
26.	The efficient use of water and fertilizer resources in a fertigation plant	16th International Multidisciplinary Scientific GeoConference SGEM2016 Conference Proceedings, vol. "Water Resources. Forest, Marine And Ocean Ecosystems", pp. 137-144, ISBN 978-619-7105-36-0 / ISSN 1314-2704, DOI: 10.5593/sgem2015B31, 2016	P.-M. Cârlescu, G. Matache, Gh. Șovăială, M. Tudor, Al. Marinescu
27.	Cleaning by physical methods of membranes used for drinking water treatment – A case study for hollow fiber membranes with different molecular weight	16th International Multidisciplinary Scientific GeoConference SGEM2016 Conference Proceedings, vol. "Water Resources. Forest, Marine And Ocean Ecosystems", pp. 153-160, ISBN 978-619-7105-36-0 / ISSN 1314-2704, DOI: 10.5593/sgem2015B31, 2016	A. Ciocănea, I. C. Dumitrescu, R. Sauciuc, L. Dumitrescu, C. Cristescu
28.	The heat transfer simulation in a heating station that uses renewable sources for heating greenhouses	16th International Multidisciplinary Scientific GeoConference SGEM2016 Conference Proceedings, vol. „Energy and clean technologies”, pp. 731-738, ISBN 978-619-7105-38-4 / ISSN 1314-2704, DOI: 10.5593/sgem2015B41, 2016	P.-M. Cârlescu, G. Matache, I. Pavel, R.I. Rădoi, I. Ilie
29.	Research on the hydrostatic systems used in order to control rotational speed at the hydraulic turbines within small-scale hydropower plants	16th International Multidisciplinary Scientific GeoConference SGEM2016 Conference Proceedings, vol. „Energy and clean technologies”, pp. 595-602, ISBN 978-619-7105-38-4 / ISSN 1314-2704, DOI: 10.5593/sgem2015B41, 2016	C. Cristescu, I. C. Dumitrescu, T.C. Popescu, P. Krevey, A. Ciocănea
30.	Solutions for an effective integration of hydraulic	16th International Multidisciplinary Scientific GeoConference SGEM2016	T.C. Popescu, I. C. Dumitrescu,

	servomechanisms driven by laser in the structure of automatic leveling navvy machines	Conference Proceedings, vol. „Energy and clean technologies”, pp. 639-646, ISBN 978-619-7105-38-4 / ISSN 1314-2704, DOI: 10.5593/sgem2015B41, 2016	C. Cristescu, A.I. Popescu, Al. Marinescu
31.	Tuning the servo system of a coil wire roller by AMESIM	ISC'2016 - 14th Annual Industrial Simulation Conference Proceedings, pp. 98-104, ISBN 978-90-77381-93-9, 2016	T.C. Popescu, I. C. Dumitrescu, C-tin Călinoiu, D. Vasiliu
32.	Modeling simulation and test of the high pressure relief valves	ISC'2016 - 14th Annual Industrial Simulation Conference Proceedings, pp. 85-89, ISBN 978-90-77381-93-9, 2016	I. C. Dumitrescu, T.C. Popescu, L. Dumitrescu, D. Vasiliu, D.D. Ion Guță
BDI			
1.	Climate change impacts and vulnerabilities assessment on forest vegetation through time-series multisensor satellite data	Proceedings of the "Living Planet Symposium" conference, ESA-SP, vol. 740, pp. 192, ISBN: 978-92-9221-305-3, 2016	M. Zoran, D. Savastru, A. Dida
2.	Satellite and Ground-Based Measurements of Urban Air Quality in Relation with Children's Asthma	Proceedings of the "Living Planet Symposium" conference, ESA-SP, vol. 740, pp. 361, ISBN: 978-92-9221-305-3, 2016	M. Zoran, M.R. Dida
3.	MULTIPLY: Development of a European HSRL Airborne Facility	Proceedings of the "Living Planet Symposium" conference, ESA-SP, vol. 740, pp. 369, ISBN: 978-92-9221-305-3, 2016	I. Binietoglou, V. Amiridis, L. Belegante, A. Boscornea, M. Costa Suros, P. Kokkalis, H. Linne, D. Nicolae, I. Serikov, I. Stachlewska, S.N. Vajaiac
4.	Reducing pollutant emissions in gasification boilers	Proceedings of 5th International Conference of Thermal Equipment, Renewable Energies and Rural Development TE-RE-RD 2016, pp. 277-282, ISSN 2457 – 3302, 2016	G. Matache, I. Pavel, A. Panțiru, M. Ciciu
5.	Energy loss reduction in hydraulic systems with fixed pump in agricultural machinery	Proceedings of 5th International Conference of Thermal Equipment, Renewable Energies and Rural Development TE-RE-RD 2016, pp. 221-226, ISSN 2457 – 3302, 2016	P. Drumea, I. C. Dumitrescu, Al. Hristea, A. Mirea
6.	Probleme de mentenanță specifice sistemelor de acționare hidraulică	STIINTA SI INGINERIE Lucrarile celei de a XVI-a Conferințe internaționale – multidisciplinare “Profesorul DORIN PAVEL- fondatorul hidroenergeticii	Al. Marinescu, C.-A. Safta, T.C. Popescu

		romanesti", vol. 29, pp. 325-334, ISSN 2067-7138, 2016	
7.	Rampă mobilă telescopică cu acționare hidraulică pentru acces în interiorul clădirilor – Partea I – Concepția generală a echipamentului	STIINTA SI INGINERIE Lucrarile celei de a XVI-a Conferințe internaționale – multidisciplinare "Profesorul DORIN PAVEL- fondatorul hidroenergeticii romanesti", vol. 30, pp. 77-84, ISSN 2067-7138, 2016	C. Cristescu, I. Lepădatu, R.I. Rădoi, I. Bălan, M. Blejan, P. Krevey, L. Dumitrescu, G. Vrânceanu
8.	Rampă mobilă telescopică cu acționare hidraulică pentru acces în interiorul clădirilor – Partea II – Instalațiile hidraulică și electrică	STIINTA SI INGINERIE Lucrarile celei de a XVI-a Conferințe internaționale – multidisciplinare "Profesorul DORIN PAVEL- fondatorul hidroenergeticii romanesti", vol. 30, pp. 85-90, ISSN 2067-7138, 2016	C. Cristescu, I. Lepădatu, R.I. Rădoi, I. Bălan, M. Blejan, P. Krevey, L. Dumitrescu, G. Vrânceanu
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