

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)			
BDI			
1.	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,
2.	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,
3.	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,
4.	Analysis of Management Processes in Universities,	Journal of Teaching and Education (JTE), Vol. 6, No. 1. 2016	Lidia Niculita, Florinela Ardelean , Gabriela Pavelescu
5.	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,
6.	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,
7.	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,
8.	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,
9.	Increasing the efficiency of wood biomass gasification boilers	HIDRAULICA, no. 2, pp. 70-75, ISSN 1453-7303, 2016	G. Matache, I. Pavel, A. Panțîru, M. Ciciu,
10.	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,
11.	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,
12.	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,

13.	Piezoelectric Structures and Low Power Generation Devices	Sensors & Transducers Journal, vol. 205, no. 10, pp. 16-24, 2306-8515, 2016	I. Chilibon
Alte baze de date			
14.	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,
15.	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,
16.	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

Nr. Crt.	TITLUL	REVISTA	AUTORII
Lucrari publicate in proceedings-uri			
Indexate 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 & 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
7.	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
8.	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
9.	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
10.	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
11.	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
12.	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. Savastru
13.	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
14.	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
15.	Lidar Calibration Centre	EPJ Web of Conferences, 27th	G. Pappalardo, V.

		International Laser Radar Conference (ILRC 27), vol. 119, no. 19003, pp. 1-4, 10.1051/epjconf/201611919003, 2016	Freudenthaler, D. Nicolae, L. Mona, L. Belegante, G. D'Amico
16.	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
17.	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
18.	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
19.	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
20.	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
21.	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
22.	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

23.	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. Biniotoglou, P. Zanis, S. Kazadzis, U. Wandinger, A. Ansmann
24.	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
25.	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
26.	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
27.	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
28.	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
29.	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
30.	The heat transfer simulation in a heating station that uses renewable sources for heating greenhouses	16th International Multidisciplinary Scientific GeoConference SGEM2016 Conference Proc., 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
31.	Research on the hydrostatic systems used in order to control rotational speed at	16th International Multidisciplinary Scientific GeoConference SGEM2016 Conference Proceedings, vol. „Energy	C. Cristescu, I. C. Dumitrescu, T.C. Popescu, P. Krevey, A. Ciocănea

	the hydraulic turbines within small-scale hydropower plants	and clean technologies”, pp. 595-602, ISBN 978-619-7105-38-4 / ISSN 1314-2704, DOI: 10.5593/sgem2015B41, 2016	
32.	Solutions for an effective integration of hydraulic servomechanisms driven by laser in the structure of automatic leveling navy machines	16th International Multidisciplinary Scientific GeoConference SGEM2016 Conference Proc., vol. „Energy and clean technologies”, pp. 639-646, ISBN 978-619-7105-38-4 / ISSN 1314-2704, DOI: 10.5593/sgem2015B41, 2016	T.C. Popescu, I. C. Dumitrescu, C. Cristescu, A.I. Popescu, Al. Marinescu
33.	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
34.	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
Alte baze de date			
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 romanesti”, vol. 29, pp. 325-334, ISSN 2067-7138, 2016	Al. Marinescu, C.-A. Safta, T.C. Popescu
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
9.	Injector of primary solutions with hydraulic control	Lucrări Științifice, Seria Agronomie, vol. 59, no. 2, pp. 131-134, ISSN 1454-7414, 2016	Gh. Șovăială, S. Anghel, G. Matache, A.-M. Popescu, P.M. Cârlescu
10.	Researches concerning the influence of pressure on the drip rate for different drip watering tape models	Lucrări Științifice, Seria Agronomie, vol. 59, no. 2, pp. 385-388, ISSN 1454-7414, 2016	O. Corduneanu, I. Țenu, P.M. Cârlescu, Gh. Șovăială
11.	Automated systems for directing working bodies at agricultural machinery	Proceedings of ISB-INMA TEH' 2016 International Symposium, pp. 547-552, ISSN-L 2344 – 4118, 2016	S. Anghel, G. Matache, Gh. Șovăială, M. Blejan, A.M. Alexe
12.	Reducing conventional fuel consumption by implementing hybrid energy production systems	Proceedings of ISB-INMA TEH' 2016 International Symposium, pp. 571-576, ISSN-L 2344 – 4118, 2016	I. C. Dumitrescu, V. Dulgheru, C. Cristescu, L. Dumitrescu, M. Blejan, R.I. Rădoi
13.	CHAB concept in sustainable development of agriculture / Conceptul CHAB în dezvoltarea durabilă a agriculturii	Proceedings of ISB-INMA TEH' 2016 International Symposium, pp. 257-262, ISSN-L 2344 – 4118, 2016	E. Murad, I. C. Dumitrescu, F. Dragomir, M. Popescu
14.	Hydraulic cylinder with embedded distribution used in fertilizer injectors	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 46-49, ISSN 1454 - 8003, 2016	S. Anghel, G. Matache, Gh. Șovăială, A.I. Popescu, Al. Marinescu
15.	Digital hydraulic motors	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 50-55, ISSN 1454 - 8003, 2016	P. Drumea, I. Pavel, G. Matache

16.	The energy balance of pumps equipped with pressure, flow and power regulators	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 62-67, ISSN 1454 - 8003, 2016	I. Lepădatu, I. C. Dumitrescu, L. Dumitrescu, G. Vrânceanu, Al.P. Chiriță
17.	Smart transducer for speed and position	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 68-72, ISSN 1454 - 8003, 2016	M. Blejan, I. Ilie, A. Drumea
18.	Digital hydraulics solutions	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 73-79, ISSN 1454 - 8003, 2016	P. Drumea, R.I. Rădoi, B. Tudor, I. Bordeasu
19.	Normally closed switching valve for high frequency	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 92-97, ISSN 1454 - 8003, 2016	P. Drumea, R.I. Rădoi, B. Tudor, Al. Hristea, I. Bălan
20.	Capturing and storing the energy recovered from hydraulic drive systems of mobile machinery & equipment	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 105-114, ISSN 1454 - 8003, 2016	C. Cristescu, I. C. Dumitrescu, R.I. Rădoi, G. Vrânceanu, C-tin Chiriță
21.	Hydraulically driven assault double ramp	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 131-140, ISSN 1454 - 8003, 2016	I. Lepădatu, C. Cristescu, L. Dumitrescu, Al.P. Chiriță, R.I. Rădoi, I. C. Dumitrescu
22.	Theoretical and experimental research for achieving a demonstrator of a pneumatic driving ensemble for light non-polluting vehicles	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 145-149, ISSN 1454 - 8003, 2016	G. Matache, P. Drumea, M. Blejan, I. Pavel
23.	Hydraulic lifting equipment provided with energy recovery	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 150-155, ISSN 1454 - 8003, 2016	T.C. Popescu, I. C. Dumitrescu, Al. Marinescu
24.	Smart root cutting machine used in biotechnology for directing the growth of root system in orchards	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 156-161, ISSN 1454 - 8003, 2016	S. Anghel, G. Matache, Gh. Șovăială, N. Tănăsescu, A.M. Alexe, I. Pavel, Al. Marinescu
25.	Mobile seismic platform for people training	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 162-167, ISSN 1454 - 8003, 2016	P. Drumea, B. Tudor, Șt. Trache, M. Sebe
26.	Energy saving by integration of laser controlled hydraulic servomechanisms into the navy leveling machines	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 199-205, ISSN 1454 - 8003, 2016	T.C. Popescu

27.	Methods of diagnosing malfunctions in hydraulic actuations	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 212-217, ISSN 1454 - 8003, 2016	P. Drumea, I. C. Dumitrescu, M. Al. Hristea, C-tin Chiriță
28.	Researches on specific malfunctions diagnosis of hydraulic drive systems equipments using the infrared thermography method	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 218-224, ISSN 1454 - 8003, 2016	Al. Marinescu, T.C. Popescu, L. Enache, C.-A. Safta
29.	Informatic test bench system for automotive power steering	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 231-235, ISSN 1454 - 8003, 2016	M. Al. Hristea, R.I. Rădoi, I. Bălan, D. Grab
30.	Automated oil transfer system for an electrohydraulic equipment testing stand	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 236-242, ISSN 1454 - 8003, 2016	I.C. Duțu, R.I. Rădoi, M. Al. Hristea, M-F. Duțu
31.	Technology and computerized stand for proofing reversible hydrostatic pumps	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 248-255, ISSN 1454 - 8003, 2016	I. Lepădatu, C-tin Chiriță, M. Blejan, L. Dumitrescu, Al.P. Chiriță
32.	Mechatronic module for speed control in hydraulic drives	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 266-270, ISSN 1454 - 8003, 2016	I. Ilie, M. Blejan, C. Cristescu
33.	Dryers with CHAB concept for a sustainable agriculture	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 340-344, ISSN 1454 - 8003, 2016	E. Murad, L. Catana, Gh. Șovăială, M. Lazăr, A. Lazăr
34.	Research on the influence of drip fertigation on a sweet pepper and tomato production in a tunnel	Proceedings of 2016 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 351-357, ISSN 1454 - 8003, 2016	O. Corduneanu, I. Țenu, P.M. Cârlescu, A. Diaconu, V.N. Arsenoiaia, Gh. Șovăială
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