

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)			
Indexate ISI			
1.	New advances in analytic and diagnostic technologies based on Raman spectroscopy	19th International Conference on Transparent Optical Networks (ICTON) IEEE, 10.1109/ICTON.2017.8024930, 2017	L. O. Scoicaru, M. I. Rusu, C. R. Stefan, B. Chiricuta, M. V. Udrea, R. Munteanu, I. A. Birtoiu, C. Rizea, C. E. Grigorescu
2.	Polyazulene based materials for heavy metal ions detection	Book Series: IOP Conference Series- Materials Science and Engineering, vol. 213, 10.1088/1757-899X/213/1/012050, 2017"	A. Oprisanu, E. M. Ungureanu, R. Isopescu, L. Birzan, M. Mihai, C. Vasiliu,
3.	Aerosol vertical profiling utilizing the synergy of lidar, sunphotometry and in-situ measurements in the framework of the ACTRIS-2 Campaign in Athens	Perspectives on Atmospheric Sciences, Book Series: Springer Atmospheric Sciences, pp. 891-897, 10.1007/978-3-319-35095-0_127, 2017	A. Tsekeri, V. Amiridis, A. Lopatin, E. Marinou, M. Pikridas, J. Sciare, E. Gerasopoulos, E. Liakakou, H. Baars, M. Kottas, P. Kokkalis, I.P. Raptis, S. Solomos, I. Biniatoglou, N. Mihalopoulos, R. Engelmann, U. Wandinger, A. Ansmann, O. Dubovik, A. Nenes
4.	3D Saharan Dust Variability Over Europe as Seen by CALIPSO	Perspectives on Atmospheric Sciences, Book Series: Springer Atmospheric Sciences, pp. 883-889, 10.1007/978-3-319-35095-0_126, 2017	E. Marinou, V. Amiridis, S. Solomos, E. Proestakis, M. Kottas, P. Zanis, A.K. Georgoulas, A. Tsikerdekis, A. Tsekeri, D. Konsta, P. Kokkalis, I. Biniatoglou, D. Balis
5.	Indoor microclimate monitoring for long-term conservation of the Archive of the Institute of Ethnography and Folklore „Constantin Brăiloiu”multimedia collection	Revista de Etnografie și Folclor/Journal of Ethnography and Folklore, vol. 1, no. 2, 2017	R. Radvan, L.C. Ratoiu, A.I. Chelmus
6.	CFD analysis of an improved TLUD based equipment for heating small greenhouses and hothouses / Analiza CFD a unui echipament TLUD pentru încălzirea serelor și solarilor de mici dimensiuni	INMATEH - Agricultural Engineering, vol. 53, no. 3, pp. 5-12, ISSN 2068-4215, 2017	E. Maican, I.C. Dușu, G. Matache, I.C. Dumitrescu, I. Pavel

BDI			
7.	Rapid evaluation of groundwater quality based on fluorescence ratios	Annals of the Academy of Romanian Scientists Series on Physics and Chemistry Sciences, vol. 2, no. 2, pp. 23-32, 2537 – 4761, 2017	C.L. Popa, E.M. Carstea, D. Savastru, S. Antohe
8.	Virtual archaeodrome for the archaeological site from Ulpia Traiana Sarmizegetusa	Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci, no. 5, pp. 351-356, , ISSN: 2194-9034, 2017	L.M. Angheluta, R. Radvan, A.I. Chelmus, L.C. Ratoiu, I.M. Cortea, L. Ghervase
9.	Integrated digital platform for the valorization of a cultural landscape	Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci, no. 5, pp. 389-393, , ISSN: 2194-9034, 2017	L.M. Angheluta, L.C. Ratoiu, A.I. Chelmus, R. Radvan, A. Petculescu
10.	Multivariate statistical analysis of water chemistry in wells from Sub-Carpathians of Curvature, Romania	AES Bioflux, vol. 9, no. 1, pp. 64-71, ISSN 2066-7647, 2017	M. Senila, D. Micu, A. Hoaghia, E. Levei, O. Cadar, G. Cucsicsa, D. Balteanu
11.	Copper adsorption on calcined substrates from three granulometric fractions coming from two refractory variable charges	International Journal of Recent Development in Engineering and Technology , vol. 6, no. 8, pp. 7-17, ISSN 2347-6435, 2017	F. Millan, J.G. Prato, D. Zerpa, E.A. Levei
12.	Polycyclic aromatic hydrocarbons and heavy metals contamination in honey from Cluj county, Romania	Agricultura, Agricultural Practice and Science Journal, vol. 1, no. 101, pp. 31-36, ISSN 1221-5317, 2017	D. Simedru, A. Becze, O. Cadar, M. Roman, C. Tanaselia
13.	Evaluation of metals and PAH (polycyclic aromatic hydrocarbons) contamination level from Cluj-Napoca soil	Agricultura, Agricultural Practice and Science Journal, vol. 1, no. 101, pp. 37-42, ISSN 1221-5317, 2017	C. Tanaselia, A. Becze, O. Cadar, M. Roman, D. Simedru
14.	Comparative study regarding the total polyphenol content of some tinctures and oils from Romanian market	Agricultura, Agricultural Practice and Science Journal, vol. 1, no. 101, pp. 43-47, ISSN 1221-5317, 2017	A. Becze, M. Roman, C. Puia, M. Dordai, D. Simedru, E. Luca
15.	Study regarding the influence of the salinity stress on the antioxidant capacity of <i>Arthrospira platensis</i>	Agriculture, Science and Practice Journal, vol. 3, no. 103, pp. 12-16, DOI: http://dx.doi.org/10.15835/agrisp.v103i3-4.12836 , 2017	A. Becze, L. Cepoi, D. Simedru, L. Rudi, T. Chiriac, V. Rudic
16.	Comparison of benign and malignant mammary tumors in	acceptat spre publicare in Veterinary Medicine:	R.M. Munteanu, L.O. Scoicaru, M. Militaru, E.

	dogs through raman spectroscopy: two clinical cases;	Scientific works. Series C. Vol XVIII, 2017	Gagniuc, C. Micsa, D. Togoe, A.B. Vitalaru, M.I. Rusu, M. Tautan, B. Chiricuta, M.V. Udrea, A. Sonea, C-E-A. Grigorescu, A. I. Birtoiu
17.	Observations on groundwater contamination with nitrogen compounds: A case study from Medias town, Sibiu County	Bulletin USAMV Agriculture , vol. 74, no. 1, pp. 15-18, DOI 10.15835/buasvmcn-agr: 12653, 2017	A. Hoaghia, E. Levei, C. Roman, D. Ristoiu
18.	Conținutul pigmentilor și activitatea antioxidantă la <i>Arthrospira platensis</i> în condiții de stres hipotermic	Buletinul AȘM, Științele vieții, vol. 3, no. 333, pp. 136-144, ISSN 1857-064X, 2017	L. Cepoi, L. Rudi, T. Chriac, A. Becze, D. Simedru, V. Rudic
19.	Experimental determination of pressure losses when the working fluid passes through hydrostatic directional valves	HIDRAULICA, no. 1, pp. 39-48, ISSN 1453-7303, 2017	C. Cristescu, I.C. Dumitrescu, R. Rădoi, A.I. Popescu
20.	Mechatronic systems embedded into the electrohydraulic control equipment for industrial applications	HIDRAULICA, no. 1, pp. 55-60, ISSN 1453-7303, 2017	R. Rădoi, M.Al. Hristea, B.Al. Tudor
21.	Maintaining position of servo cylinders by means of digital hydraulics	HIDRAULICA, no. 2, pp. 62-67, ISSN 1453-7303, 2017	I. Pavel, B.Al. Tudor, M.Al. Hristea, A.-M. Popescu
22.	Applied research and experimental validation of a TLUD industrial solution	HIDRAULICA, no. 3, pp. 18-26, ISSN 1453-7303, 2017	G. Matache, E. Maican, I. Pavel, R. Rădoi, M.Al. Hristea
23.	Testing of the fertigation equipment in operation conditions	HIDRAULICA, no. 3, pp. 31-36, ISSN 1453-7303, 2017	Gh. Sovaiala, S. Anghel, G. Matache, A.I. Popescu
24.	Technical solutions for digital hydraulic cylinders and test methods	HIDRAULICA, no. 3, pp. 41-49, ISSN 1453-7303, 2017	I. Pavel, R. Rădoi, A.I. Chiriță, M.Al. Hristea, B.Al. Tudor
25.	Increasing energy efficiency and optimizing the operation of systems that produce clean energy from renewable sources	HIDRAULICA, no. 3, pp. 62-73, ISSN 1453-7303, 2017	C. Cristescu, I.C. Dumitrescu, V. Dulgheru, T.C. Popescu
26.	Distributed hardware and software architecture for monitoring and control of hydraulic drives	HIDRAULICA, no. 4, pp. 46-50, ISSN 1453-7303, 2017	I. Ilie, M. Blejan
27.	Mobile equipment for testing the power steering of cars	HIDRAULICA, no. 4, pp. 84-88, ISSN 1453-7303, 2017	M.Al. Hristea, R. Rădoi, B.Al. Tudor, I. Bălan

28.	Testing means of piston-type seals	HIDRAULICA, no. 4, pp. 67-72, ISSN 1453-7303, 2017	G. Matache, Gh. Sovaiala, A.I. Popescu, A.-M. Popescu
29.	Electronic control module for test stand on the production line of hydraulic cylinders and rotary hydraulic motors	HIDRAULICA, no. 4, pp. 105-108, ISSN 1453-7303, 2017	R. Rădoi, M.Al. Hristea, B.Al. Tudor, A.M. Alexe
30.	Electronic module for data acquisition and transmitting for portable power steering test equipment	HIDRAULICA, no. 4, pp. 115-119, ISSN 1453-7303, 2017	M.Al. Hristea, R. Rădoi, B.Al. Tudor, I. Bălan
31.	Model biomecanic pentru studiul sistemului locomotor într-un mediu dinamic	Sinteze de Mecanică Teoretică și Aplicată, vol. 8, no. 4, pp. 295-306, ISSN 2068-6331, 2017	M. Vlad, Al.P. Chiriță
32.	Sistem de orientare la soare a grupului de panouri fotovoltaice	Meridian Ingineresc, no. 1, pp. 72-76, ISSN 1683-853X, 2017	V. Dulgheru, I.C. Dumitrescu, C. Cristescu
Alte baze de date			
33.	Mathematical simulation of low-temperature gas separation	Petroleum & Coal, vol. 59, no. 2, pp. 210-219, 2017	A. Bunaev, I.M. Dolganov, I.O. Dolganov, A. Vladescu

Nr. Crt.	TITLUL	REVISTA	AUTORII
Lucrari publicate in proceedings-uri			
Indexate ISI			
1.	Geospatial data for assessment of extreme climate impacts on urban environment	Proceedings of SPIE, vol. 10444, no. UNSP 1044416, 10.1117/12.2278860, 2017	D. Savastru, M.A. Zoran, R. Savastru
2.	TIR time series satellite and field data for seismic anomalies monitoring	Proceedings of SPIE, vol. 10444, no. UNSP 104440K, 10.1117/12.2278851, 2017	M.A. Zoran, R. Savastru, D. Savastru
3.	Carpathian mountain forest vegetation and its responses to climate stressors	Proceedings of SPIE, vol. 10421, no. UNSP 104211S, 10.1117/12.2278021, 2017	M.A. Zoran, R. Savastru, D. Savastru, M. Tautan, L. Baschir, A. Dida
4.	Airborne multi-wavelength, multi-depolarization high spectral resolution Lidar	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	I. Serikov, D. Nicolae, L. Belegante, H. Linne, B. Bruegmann, V. Amiridis
5.	EARLINET validation of cats L2 product	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	E. Proestakis, V. Amiridis, D. Dionisi, D. Balis, D. Nicolae, et al
6.	Validation of new satellite aod retrieval algorithm using raman	Web of Conferences, EDP Sciences, 28th International	O. Zawadzka, I. Stachlewska, C.

	lidar observations at radiative transfer lab in warsaw	Laser Radar Conference (ILRC 28) in press, 2017	Markowicz, A. Nemuc, K. Stebel
7.	Biomass, burning aerosol over romania using dispersion model and calipso data	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	A. V. Nicolae, A. Dandocsi, L. Marmureanu, C. Talianu
8.	Strengths and limitations of the NATALI CODE for aerosol typing from multiwavelength raman lidar observations	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	D. Nicolae, C. Talianu, J. Vasilescu, A.V. Nicolae, I. Stachlewska
9.	Lidar ice nuclei estimates and how they relate with airborne in-situ measurements	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	E. Marinou, V. Amiridis, A. Ansmann, A. Nenes, D. Balis, J. Schrod, I. Biniotoglou, et al.
10.	A methodology for cloud masking uncalibrated ILdar signals	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	I. Biniotoglou, G. D'Amico, H. Baars, L. Belegante, E. Marinou
11.	Analysis of different cloud signatures using multiwavelength Raman Lidar retrievals	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	S. Andrei, F. Toanca, A. Nemuc, A. Dandocsi, L. Belegante, D. Nicolae
12.	Aerosol absorption profiling from the synergy of Lidar and sun-photometry: the ACTRIS-2 campaigns in Germany, Greece and Cyprus	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	A. Tsekeri, V. Amiridis, B. Wehner
13.	Ground based and airborne atmospheric measurements near Bucharest	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	A. Nemuc, A. Boscornea, S. Vajaiac, J. Vasilescu, L. Belegante, D. Ene, S. Andrei, L. Marmureanu
14.	Biomass burning aerosols characterization from ground based and profiling measurements	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	C. Marin, J. Vasilescu, L. Marmureanu, L. Preda, D. Ene, M. Mihailescu
15.	Aerosol characterization from active and passive ground measurements and satellite data	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	A. Dandocsi, G. Sapartoc, L. Preda, C. Stan, C. Radu
16.	Analysis of a complex fire event using the synergy of passive and lidar spaceborne sensors	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	S. Andrei, E. Carstea, D. Konsta, V. Amiridis, I. Biniotoglou, L. Marmureanu, E. Proestakis, D. Ene, D. Nicolae

17.	An automatic aerosol classification for EARLINET: application and results	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	N. Papagianipoulos, L. Mona, P. Kokkalis, D. Nicolae, et al.
18.	The Lidar Calibration Centre: A multi installation facility in the framework of ACTRIS	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	L. Belegante, D. Nicolae, V. Freudenthaler, L. Mona, A. Amodeo, L. Baschir, S. Miclos, A. Nemuc, D. Ene
19.	Earlinet single calculus chain: new products overview	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	G. D'amico, I. Mattis, I. Biniotoglou, H. Baars, L. Mona, F. Amato, P. Kokkalis, A. Rodriguez-Gomez, O. Soupiona, K. A. Voudouri
20.	Studies of Saharan Dust Intrusions over Bucharest using Ceilometer's Measurements and Satellite Data	Web of Conferences, EDP Sciences, 28th International Laser Radar Conference (ILRC 28) in press, 2017	A.D. Urlea, F. Toanca, N. Barbu, S. Stefan, I. Bunescu, A. Boscornea, S. Vajaia
21.	TIR time series satellite and field data for seismic anomalies monitoring	Proceedings Volume 10444, Fifth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2017), vol. 10444, DOI:10.1117/12.2278851, 2017	M. Zoran, R. Savastru, D. Savastru
22.	Geospatial data for assessment of extreme climate impacts on urban environment	Proceedings Volume 10444, Fifth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2017), vol. 10444, DOI: 10.1117/12.2278860, 2017	D. Savastru, M. Zoran, R. Savastru
23.	Carpathian mountain forest vegetation and its responses to climate stressors	Proc. SPIE 10421, Remote Sensing for Agriculture, Ecosystems, and Hydrology XIX, 104211S, vol. 10421, DOI: 10.1117/12.2278021, 2017	M. Zoran, R. Savastru, D. Savastru, M. Tautan, L. Baschir, A. Dida
24.	City landscape changes effects on land surface temperature in Bucharest metropolitan area	Proc. SPIE 10431, Remote Sensing Technologies and Applications in Urban Environments II, 104310V, vol. 10431, DOI: 10.1117/12.2278018, 2017	D. Savastru, M. Zoran, R. Savastru, A. Dida
25.	Surface deformation analysis over Vrancea seismogenic area	Proc. SPIE 10428, Earth Resources and Environmental Remote Sensing/GIS	M. Zoran, R. Savastru, D. Savastru, F. Serban, D. Teleaga, D. Mateciuc

	through radar and GPS geospatial data	Applications VIII, 1042817, vol. 10428, DOI: 10.1117/12.2278012, 2017	
26.	Urban green land cover changes and their relation to climatic variables in an anthropogenically impacted area	Proc. SPIE 10431, Remote Sensing Technologies and Applications in Urban Environments II, 104310W, vol. 10431, DOI: 10.1117/12.2278019, 2017	M. Zoran, A. Dida
27.	Satellite infrared imagery for thermal plume contamination monitoring in coastal ecosystem of Cernavoda NPP	Proc. SPIE 10428, Earth Resources and Environmental Remote Sensing/GIS Applications VIII, 104281J, vol. 10428, DOI: 10.1117/12.2278015, 2017	M. Zoran, L. Zoran, A. Dida
28.	Assessment of metals content in dandelion (<i>Taraxacum officinale</i>) leaves grown on mine tailings	AIP Conference Proceedings , vol. 1917, no. 20001, pp. 1-4, https://doi.org/10.1063/1.5018272 , 2017	M.L. Andrei, L. Levente, A.M Hoaghia, C. Tanaselia, A. Ozunu
29.	Assessment of degradation kinetics and transformation products formation of diuron in soil under simulated drought-flood stress conditions considering challenges of climate change	Proceedings of 17th International Multidisciplinary Scientific Geoconference (SGEM 2017), vol. 17, no. 32, pp. 357-364, DOI10.5593/sgem2017/32/S13.047, 2017	E.D. Kovacs, T. Rusu, W.L. Szajdak, M.H. Kovacs
30.	Climate change associated meteorological anomalies impact on soil nutrient cycle and dynamics	Proceedings of 17th International Multidisciplinary Scientific Geoconference (SGEM 2017), vol. 17, no. 32, pp. 69-76, DOI: 10.5593/sgem2017/32/S13.010, 2017	E.D. Kovacs, T. Rusu, W.L. Szajdak
31.	Combined systems for generating electrical and thermal energy from renewable sources, with storage of it through conversion to other energy forms, for use in isolated places	17th International Multidisciplinary Scientific GeoConference SGEM2017 Conference Proceedings, vol. 17, no. 42, pp. 135-142, ISBN 978-619-7408-07-2, ISSN 1314-2704, DOI: 10.5593/sgem2017/42, 2017	C. Cristescu, I. C. Dumitrescu, V. Dulgheru, L. Dumitrescu, A.-M. Popescu
32.	Increasing energy efficiency of solar panel trackers by hydrostatic drive based on mechatronics technology	17th International Multidisciplinary Scientific GeoConference SGEM2017 Conference Proceedings, vol. 17, no. 42, pp. 353-360, ISBN 978-619-7408-07-2, ISSN	C. Cristescu, R.I. Rădoi, I. C. Dumitrescu, I. Ilie, A. Ciocănea

		1314-2704, DOI: 10.5593/sgem2017/42, 2017	
33.	An analysis of energy and functional behavior of hydrostatic transmissions	17th International Multidisciplinary Scientific GeoConference SGEM2017 Conference Proceedings, vol. 17, no. 42, pp. 41-49, ISBN 978-619-7408-07-2, ISSN 1314-2704, DOI: 10.5593/sgem2017/42, 2017	T.C. Popescu, A.-M. Popescu, Al. Marinescu, A.I. Popescu
34.	Equipment and technologies for obtaining biogas and biochar from biomass	17th International Multidisciplinary Scientific GeoConference SGEM2017 Conference Proceedings, vol. 17, no. 42, pp. 247-255, ISBN 978-619-7408-07-2, ISSN 1314-2704, DOI: 10.5593/sgem2017/42, 2017	G. Matache, I. Pavel, Gh. Sovaiala, R.I. Rădoi, A.M. Alexe
35.	Energy efficiency of multifunction vehicles in technological speed drive	17th International Multidisciplinary Scientific GeoConference SGEM2017 Conference Proceedings, vol. 17, no. 53, pp. 277-283, ISBN 978-619-7408-10-2, ISSN 1314-2704, DOI: 10.5593/sgem2017/53, 2017	L. Dumitrescu, Al.P. Chiriță, I.C. Duțu, C. Mărculescu
36.	Total ozone column retrieval from UV-MFRSR irradiance measurements: evaluation at Mauna Loa station	Proc. SPIE 10405, Remote Sensing and Modeling of Ecosystems for Sustainability XIV, 1040507 (19 September 2017); doi: 10.1117/12.2274565; http://dx.doi.org/10.1117/12.2274565	M. M. Zempila, K. Fragkos, J. Davis, Z. Sun, M. Chen, W. Gao
BDI			
1.	Time series analysis of geospatial and field data for earthquake hazard assessment of Vrancea active zone in Romania	Proceedings 6th National Conference on Earthquake Engineering 2nd National Conference on Earthquake Engineering and Seismology, ed. Conspress Bucuresti, pp. 151-158, ISSN 2559-3943, 2017	M. Zoran, D. Savastru, D. Teleaga, D. Mateciuc
2.	Presignal signature of radon (Rn222) for seismic events	Proceedings 6th National Conference on Earthquake Engineering 2nd National Conference on Earthquake Engineering and Seismology, ed. Conspress Bucuresti, pp.	M. Zoran, R. Savastru, D. Savastru

		159-166, ISSN 2559-3943, 2017	
3.	Monitoring Of Surface Deformation Over Vrancea Seismotectonic Area In Romania Through Time Series Analysis of GPS and radar data	Abstract Book Fringe 2017, the 10th International Workshop on Advances in the Science and Applications of SAR Interferometry and Sentinel-1 InSAR, pp. 178-179, 2017	M. Zoran, D. Savastru, F. Serban, D. Teleaga, D. Mateciuc
4.	Numerical simulation of dynamic behavior of a multifunction motor vehicle equipped with a primary adjustment hydrostatic transmission	Proceedings of 6th International Conference of Thermal Equipment, Renewable Energies and Rural Development TE-RE-RD 2017, pp. 387-392, ISSN-L 2457 – 3302, 2017	I. Lepădatu, C. Cristescu, L. Dumitrescu, Al.P. Chiriță
5.	Increasing energy autonomy in isolated areas through combined use of renewable resources	Proceedings of 6th International Conference of Thermal Equipment, Renewable Energies and Rural Development TE-RE-RD 2017, pp. 209-214, ISSN-L 2457 – 3302, 2017	V. Dulgheru, L. Dumitrescu, A.-M. Popescu, M. Blejan, R.I. Rădoi
6.	Numerical simulation of the dynamic behavior of a multifunctional motor vehicle equipped with a primary adjustment hydrostatic transmission	Proceedings of ISB-INMA TEH' 2017 International Symposium, pp. 375-380, ISSN-L 2344 - 4118, 2017	Al.P. Chiriță, L. Dumitrescu, R. Sauciuc
7.	Digital linear hydraulic motors	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 153-162, ISSN 1454 – 8003, 2017	P. Drumea, I. Pavel, G. Matache, I. Bălan
8.	Reducing the energy consumption in the hydraulic cylinder endurance test	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 249-256, ISSN 1454 – 8003, 2017	T.C. Popescu, R.I. Rădoi, M.Al. Hristea
9.	Mechanical compensation of power loss in the endurance tests on rotary and linear positive displacement machines	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 257-263, ISSN 1454 – 8003, 2017	T.C. Popescu, R.I. Rădoi, M.Al. Hristea
10.	Hydraulically controlled fertigation equipment with volumetric injection device	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 372-380, ISSN 1454 – 8003, 2017	G. Matache, S. Anghel, A.I. Popescu, A.-M. Popescu, Gh. Sovaiala

11.	Results on the research of the infrared thermography method applied to the hydraulic systems diagnosis	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 213-221, ISSN 1454 – 8003, 2017	Al. Marinescu, C. Cristescu, T.C. Popescu, C.A. Safta
12.	Working bench for reconditioning hydraulic cylinders	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 287-291, ISSN 1454 – 8003, 2017	L. Dumitrescu, Al.P. Chiriță, C. Cristescu
13.	Mobile and stationary equipment for melting snow from the urban public space	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 181-187, ISSN 1454 – 8003, 2017	C. Cristescu, L. Dumitrescu, I. Lepădatu, R. Sauciuc
14.	Temperature controllers	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 96-99, ISSN 1454 – 8003, 2017	M. Blejan, I. Ilie
15.	Experimental research on the methods of valorification of biomass waste	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 398-405, ISSN 1454 – 8003, 2017	G. Matache, I. Pavel, P. Drumea, M.Al. Hristea, E. Maican
16.	Four-wheel drive high efficiency hybrid transmission for multipurpose motor vehicles	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 140-146, ISSN 1454 – 8003, 2017	I. Lepădatu, C. Cristescu, Al.P. Chiriță, C. Mărculescu,
17.	Distributed system for monitoring electro-hydraulic drives	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 80-84, ISSN 1454 – 8003, 2017	I. Ilie, M. Blejan, M.Al. Hristea
18.	Elements concerning the energy characteristics of biomass and technologies for converting it into pellets	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 347-355, ISSN 1454 – 8003, 2017	G. Matache, Gh. Sovaiala, V. Barbu, A.I. Popescu, A.-M. Popescu, M.Al. Hristea
19.	Developments, trends and orientations regarding the realization of renewable energy conversion systems	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 331-341, ISSN 1454 – 8003, 2017	C. Cristescu, I.C. Dumitrescu, V. Dulgheru, L. Dumitrescu

20.	Experimental determination of frictional forces occurring when switching hydraulic directional valves	Proceedings of 2017 International Conference on Hydraulics and Pneumatics – HERVEX, pp. 169-175, ISSN 1454 – 8003, 2017	C. Cristescu, I.C. Dumitrescu, R.I. Rădoi, L. Dumitrescu
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25.	Simulator electro-hidraulic mobil pentru provocarea derapajului lateral utilizat pentru instruirea conducătorilor de autoturisme. Partea I – Concepția generală a echipamentului	STIINTA SI INGINERIE Lucrarile celei de a XVII-a Conferințe internaționale – multidisciplinare “Profesorul DORIN PAVEL- fondatorul hidroenergeticii romanesti”, vol. 32, pp. 537-542, ISSN 2067-7138, 2017	C. Cristescu, I.C. Dumitrescu, R.I. Rădoi, I. Bălan, M. Blejan, M.Al. Hristea, B.Al. Tudor
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