

Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS)

Nr. crt.	Articole
1.	Cristian Munteniță, Larisa Titire, Mariana Chivu, Geanina Podaru , Romeo Marin, <i>Wind turbine blade material behavior in abrasive wear conditions</i> , Polymers 2024, 16(24), 3483, Decembrie 2024 https://doi.org/10.3390/polym16243483 ; https://www.mdpi.com/2073-4360/16/24/3483
2.	Maricica Stoica, Cezar Ionuț Bichescu, Carmen-Mihaela Crețu, Maricela Dragomir, Angela Stela Ivan, Geanina Marcela Podaru , Dimitrie Stoica, Mariana-Stuparu Crețu, <i>Review of Bio-Based Biodegradable Polymers: Smart Solutions for Sustainable Food Packaging</i> . Foods 2024, 13(19), 3027. Septembrie 2024 https://doi.org/10.3390/foods13193027 ; https://www.mdpi.com/2304-8158/13/19/3027
3.	Geanina Marcela Podaru , Sorin Ciortan, Iulian Gabriel Bîrsan, <i>Polymer as Metal Replacement for Pneumatic Drives Rods Working in Dry Friction Condition</i> , Materiale Plastice, Vol. 48, nr. 3, ISSN 0025-5289, 2011 https://doi.org/10.37358/Mat.Plast.1964 ; https://revmaterialeplastice.ro/pdf/PODAU%20G.pdf%203%2011.pdf
4.	Carmelia Mariana Bălănică Dragomir, Geanina Podaru , Cristian Munteniță, <i>A Bayesian Analysis of CO₂ Emissions and National Industrial Production in Romania</i> , International Conference on Machine and Industrial Design in Mechanical Engineering. Machine and Industrial Design in Mechanical Engineering (KOD 2021), pp. 683-690, Online ISBN: 978-3-030-88465-9 https://doi.org/10.1007/978-3-030-88465-9_69 , https://link.springer.com/chapter/10.1007/978-3-030-88465-9_69
5.	Geanina Podaru , Iulian Gabriel Bîrsan, Sorin Ciortan, Lorena Deleanu, <i>Pneumatic Drives' Seals Efficiency Monitoring by Thermography Based Methods</i> , ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis, Volume 4, ESDA2010-25377, pp. 597-602; 6 pages, Decembrie 2010, ISBN:978-0-7918-4918-7 https://doi.org/10.1115/ESDA2010-25377 ; https://asmedigitalcollection.asme.org/ESDA/proceedingsabstract/ESDA2010/597/359762
6.	Sorin Ciortan, Geanina Podaru , Iulian Gabriel Bîrsan, Constantin Spînu, <i>Artificial Neural Networks Based Wear Prediction for Pneumatic Drives Seals</i> , ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis, Volume 4, ESDA2010-25376, pp. 589-596; 8 pages. Decembrie 2010, ISBN:978-0-7918-4918-7 https://doi.org/10.1115/ESDA2010-25376 ; https://asmedigitalcollection.asme.org/ESDA/ESDA2010/volume/49187

7.	Carmelia Mariana Bălănică Dragomir, Geanina Podaru , Iulia Păduraru Graur, Cristian Munteniță, <i>A Possible Link Between Forest Exploitation and Greenhouse Gases in Romania Between 2008-2020</i> , Inzynieria Mineralna, vol. 1, nr. 1, pp. 529-535, 2024, ISSN 1640-4920 https://doi.org/10.29227/IM-2024-01-59
8.	L. Deleanu, A. Cantaragiu, IG Birsan, G. Podaru , C. Georgescu, <i>Evaluation of the Spread Range of 3D Parameters for Coated Surfaces</i> , Tribology in Industry, vol. 33, nr. 2, pp. 72-78, 2011, eISSN: 2217-7965, DOI: 10.24874/ti https://www.tribology.rs/journals/2011/2011-2/4.pdf

Podaru

Articole și publicații științifice BDI

Nr. crt.	Articole
1.	Deleanu L., Andrei G., Ciortan S., Cantaragiu A., Besnea A., Trufasu C., Podaru G. , <i>Statistical assessment of surface quality using 3D profilometry parameters</i> , Analele Universității din Galați, Fascicle VIII, Tribology, Issue 1, 2009, ISSN 1220-0824 https://www.researchgate.net/profile/GabrielAndrei/publication/348235492_Statistical_assessment_of_surface_quality_using_3D_profilometry_parameters/links/5ff4828a299bf1408874b8e5/Statistical-assessment-of-surface-quality-using-3D-profilometry-parameters.pdf
2.	Podaru G. , Ciortan S., Bîrsan I., Deleanu L.: <i>Particularities of Rubber Lip Seals Used for Pneumatic Linear Drives</i> . In: Analele Universității din Galați, Fascicle VIII, Tribology, Issue 2, 2009, ISSN 1220-0824 https://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=0tJtz_YAAAAJ&citation_for_view=0tJtz_YAAAAJ:D03iK_w7-OYC
3.	Geanina Podaru , Sorin Ciortan, Lorena Deleanu, <i>Heat distribution in a polymeric rod under dry friction in reciprocating seals</i> . Mechanical Testing and Diagnosis, 2012(II), Volume 1, pp. 48-53, ISSN 2247-9635 https://www.gup.ugal.ro/ugaljournals/index.php/mtd/article/view/2439/2080
4.	Podaru G. , Birsan I.G., Ciortan S., Deleanu L., 2011, <i>Friction generated heat and its effects in lubricantless pneumatic drives seals</i> . Proceedings of the 7 th International Scientific Conference "Research and development of mechanical elements and systems - IRMES 2011", Zlatibor, Republic of Serbia. https://www.npao.ni.ac.rs/files/769/p46_3babe.pdf
5.	Sorin Ciortan, Geanina Podaru , Iulian Gabriel Birsan, <i>Stuffing box analisys based on system dynamics approach</i> . Mechanical Testing and Diagnosis, 2012(II), Volume 1, pp. 5-12, ISSN 2247-9635 file:///C:/Users/Geanina/Downloads/2431-Article%20Text-4010-1-10-20191202%20(1).pdf
6.	Constantin FALTICEANU, Geanina PODARU , Sorin CIORTAN, <i>Considerations upon the efficiency and tribology of the lip-ring gaskets for rotary rods</i> , , Mechanical Testing and Diagnosis, 2013(II), Volume 3, pp. 49-54, ISSN 2247-9635 https://www.proquest.com/openview/48caafefa759ddec9be2f459a5f56a2f/1?pq-origsite=gscholar&cbl=2028910
7.	Deleanu L., Ciortan S., Maftai L., Petrică A., Cantaragiu A., Podaru G. , <i>Interdisciplinary Aproach of Tribological Test Program for POLYMERIC Composites</i> . In: The Annals of "Dunarea de Jos" University of Galati, Fascicle V, Technologies in Machine Building, NewTech 09, Galati, 2009, pag. 229-310, ISSN 1221- 4566 https://www.tcm.ugal.ro/TMB/2009/153.pdf

Handwritten signature

8.	Podaru Geanina Marcela , Bălănică-Dragomir Mariana Carmelia, Arsene Igor, <i>Tribological behaviour analysis of elastomer-plastomer couples in dry friction conditions</i> , ACROSS. Nr. 6(2), pp. 12-19, 2022, ISSNe 2602-1463 https://ibn.idsi.md/vizualizare_articol/209581
9.	Geanina Podaru , Sorin Ciortan, Iulian Bîrsan, <i>Efficiency analysis of pneumatic dry sealing with polymeric rods</i> , 7th International Symposium on Machine and Industrial Design in Mechanical Engineering (KOD 2012), Balatonfured, Hungary 24 – 26 May 2012, pp.411-414, ISBN: 978-1-62993-945-2 https://www.proceedings.com/content/021/021325webtoc.pdf
10.	Podaru G. , Ciortan S., Spanu C., 2011, <i>Optical 3D reconstruction as investigation method of wear in plastomer-elastomer couples</i> , 11 th International Conference "Research and Development in Mechanical Industry", RaDMI 2011, Proceeidings Vol.2, pp.279-283, Sokobanja, Serbia. http://www.chem.bg.ac.rs/~p43004/ref/2011_tsubaranovic_soko_banja.pdf
11.	Sorin Ciortan, Geanina Podaru , Iulian Bîrsan, <i>Neural network based analysis of friction coefficient evolution in stuffing box seals</i> , 11 th International Conference "Research and Development in Mechanical Industry", RaDMI 2011, Proceeidings Vol.2, pp.279-283, Sokobanja, Serbia. http://www.chem.bg.ac.rs/~p43004/ref/2011_tsubaranovic_soko_banja.pdf
12.	Podaru G. , Ciortan S., Bîrsan I., 2011, <i>Transferred material influence on elastomer-plastomer couple behavior in dry sliding</i> , Proceedings of 12th International Conference on Tribology - SERBIATRIB '11, pp. 65-68, ISBN: 978-86-86663-74-0, Kragujevac, Republic of Serbia. http://tribolab.mas.bg.ac.rs/proceedings/2011/065-068.pdf
13.	Deleanu L., Ciortan S., Bradeanu D., Podaru G. , <i>Machine Design as Starting Point for Final Project of First Bologna Cycle Students</i> , International Symposium on Applied Physics, Materials Science, Environment and Health, ISAP 1st Edition, November 28- 29th, 2009
14.	Ghelase Daniela, Daschievici Luiza, Epureanu Alexandru, Fălticeanu Constantin, Pațilea Geanina , <i>Assessment of the Competitive Management Efficiency in the Manufacturing Processes</i> , Proceedings of the 8th WSEAS International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING (ICOSSE 09), University of Genova, Genova, Italy, pp. 175-179, ISSN: 1790-2769, ISBN: 978-960-474-131-1, 2009 https://www.wseas.org/multimedia/books/2009/genova/ICOSSE.pdf
15.	Mariana Carmelia Balanica Dragomir, Iulia Paduraru Graur, Geanina Marcela Podaru , Comparative analysis of agricultural area arranged with irrigation systems in Romania, October 19-21 2023, ICCR Cahul - Republic of Moldova.
16.	Alina Ceoromila, Geanina Podaru , Iulia Păduraru-Graur, <i>Exploring the microstructure of composite materials with SEM imaging technique: a review</i> , INTERVENT, October 19th–20th, 2023 GALATI, ROMANIA
17.	P.-Graur Iulia, Podaru Geanina Marcela , Păduraru Iulian, Bălănică Dragomir Mariana Carmelia, Ceoromila Alina, <i>Bioplastics development</i> , Conferința Științifică Internațională „Perspectivele și Problemele Integrării în Spațiul European al Cercetării și Educației”, ediția a XI-a, Cahul, 6 iunie, 2024.

18.	Geanina Podaru , Sorin Ciortan, Iulian Birsan, <i>Thermal aspects of rubber lip seal-polymeric rod couple behavior in dry sliding conditions</i> , 10 th International Conference "Research and Development in Mechanical Industry", RaDMI 2010, Donji Milanovac, Serbia.
19.	Podaru G. , Dasic P., Ciortan S., Birsan I., <i>Neural network based optimization for pneumatic dry sliding</i> , 12 th International Conference "Research and Development in Mechanical Industry", RaDMI 2012, Vrnjačka Banja, Serbia.
20.	Ciortan S., Dasic P., Podaru G. , Birsan I., <i>Polymeric packing bulk modulus variation analysis with neural networks models</i> , 12 th International Conference "Research and Development in Mechanical Industry", RaDMI 2012, Vrnjačka Banja, Serbia.
21.	Geanina Podaru , Sorin Ciortan, Iulian Birsan, <i>Tribological behavior of some polymeric materials in water lubricated sliding</i> , 13 th International Conference "Research and Development in Mechanical Industry", RaDMI 2013, Kopaonik, Serbia.