

Publication Type	Authors	Article Title
J	Lyubomirov, S; Velev, E; Shotarova, S; Geonea, I ; Copilusi, C; Racila, L; Miritoiu, C	RESEARCH OF PROTOTYPES MADE THROUGH FDM TECHNOLOGY
C	Geonea, I ; Dumitru, N; Dumitru, I	Experimental Analysis of Frictional Torque from Radial Ball Bearings
C	Geonea, I ; Marinache, G; Tarnita, D	Innovative Structural Solutions for Human Leg Motion Assistance Mechanisms
J	Hazem, A; Marasescu, FI; Tuculina, MJ; Popa, DL; Geonea, ID ; Iliescu, A; Marasescu, P; Gheorghe, IO; Pitru, AR; Tieranu, EN; Dascalu, IT	Simulation of an Orthodontic System Using the Lingual Technique Based on the Finite Element Method
C	Geonea, I ; Tarnita, D	Dynamic Analysis of an Exoskeleton Robotic System for Stair Walking Assistance
C	Geonea, I ; Dumitru, N; Dumitru, S; Copilusi, C; Tarnita, D	Structural Solutions of Walking Mechanisms Intended to Exoskeleton Robots to Assist Human Gait
C	Geonea, I ; Racila, L; Dumitru, I; Grigorie, L; Romanescu, A; Rosca, S; Tarnita, D	Kinematic and Dynamic Analysis of a New Prototype Exoskeleton for Human Lower Limb Rehabilitation
J	Geonea, I ; Copilusi, C; Dumitru, S; Margine, A; Rosca, A; Tarnita, D	A New Exoskeleton Prototype for Lower Limb Rehabilitation

J	Geonea, ID ; Copilusi, CP	Special Issue on Exoskeleton Robotic Systems
C	Geonea, I ; Copilusi, C; Margine, A; Dumitru, S; Rosca, A; Tarnita, D	Dynamic Analysis and Structural Optimization of a New Exoskeleton Prototype for Lower Limb Rehabilitation
C	Geonea, I ; Dumitru, N; Ceccarelli, M; Tarnita, D	Kinematic and Dynamic Analysis of a New Mechanism for Assisting Human Locomotion
J	Geonea, I ; Margine, A; Rosca, AS; Oncescu, A	DYNAMIC ANALYSIS OF AN EXOSKELETON ROBOT CONSIDERING FRICTION IN JOINTS
J	Ionica, V; Dumitru, N; Geonea, I ; Bogdan, M	MODELLING THE VIBRATORY EFFECTS OF RAIL TRAFFIC ON THE ENVIRONMENT
C	Geonea, I ; Copilusi, C; Dumitru, S; Rosca, AS	Design and Motion Simulation of a New Exoskeleton Leg Mechanism
C	Geonea, I ; Copilusi, C; Dumitru, N; Margine, A; Ciurezu, L; Rosca, AS	A New Exoskeleton Robot for Human Motion Assistance
C	Ionica, V; Dumitru, I; Bogdan, M; Geonea, I	Study on a test bench of a vehicle rear axle fatigue behavior

J	Geonea, ID ; Tarnita, D; Pisla, D; Carbone, G; Bolcu, A; Tucan, P; Georgescu, M; Tarnita, DN	Dynamic Analysis of a Spherical Parallel Robot Used for Brachial Monoparesis Rehabilitation
J	Rosca, AS; Craciunoiu, N; Geonea, ID ; Gherghe, LC	Experimental measurement of the cutting forces and wear of the drill in processing X17CrNi16-2 martensitic stainless steel
J	Stanescu, MM; Ionica, V; Bolcu, D; Bogdan, M; Geonea, I	A METHOD FOR THE ANALYSIS OF VIBRATIONS OCCURRING WITHIN SOME MECHANICAL SYSTEMS WHICH CONTAIN SPUR GEARS
C	Geonea, I ; Dumitru, N; Tarnita, D; Copilusi, C; Rosca, AS	Design and Motion Analysis of an Exoskeleton Robot for Assisting Human Locomotion
C	Craciunoiu, N; Tarata, D; Rosca, AS; Geonea, I	Surface Roughness and Temperature in Dry Milling of an Austenitic Stainless Steel
C	Cretu, SM; Geonea, ID	Computer-Assisted Learning Used to Overconstrained Mechanism's Mobility
C	Geonea, I ; Dumitru, N; Copilusi, C; Margine, A	Experimental Determination of the Loading Capacity of the Elastic Bracelet Assembly
C	Geonea, I ; Racila, L; Valeriu, I; Miritoiu, CM	Modeling of Dynamic Behavior of a Spur Gear
C	Geonea, ID ; Dumitru, N; Copilusi, C; Margine, A; Ciurezu, L; Didu, A	New design and motion analysis of an exoskeleton robot for assisting human locomotion
C	Ionica, V; Bagnaru, D; Geonea, I ; Ciurezu, L	Vibrations Influence on Automotive Drive

Conference Title	Journal Title	Reprint Addresses
	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	Lyubomirov, S (corresponding author), Paisii Hilendarski Univ Plovdiv, Fac Phys & Technol, Dept Mech Engn & Transport, 24 Tsar Assen Str, Plovdiv, Bulgaria.
2024 International Congress of Automotive and Transport Engineering		Geonea, I (corresponding author), Univ Craiova, Fac Mech, Craiova, Romania.
26th International Conference on Robotics-ROBOTICS		Geonea, I (corresponding author), Univ Craiova, Craiova, Romania.
	DIAGNOSTICS	Tuculina, MJ (corresponding author), Univ Med & Pharm Craiova, Fac Dent Med, Dept Endodont, Craiova 200349, Romania.;Marasescu, P (corresponding author), Univ Med & Pharm Craiova, Fac Dent Med, Dept Dent Prosthesis Technol, Craiova 200349, Romania.
33rd International Conference on Robotics in Alpe-Adria-Danube Region (RAAD)		Geonea, I (corresponding author), Univ Craiova, Fac Mech, Dept Appl Mech & Civil Construct, Craiova 215512, Romania.
6th Symposium on Mechanism Design for Robotics (MEDER)		Geonea, I (corresponding author), Univ Craiova, Fac Mech, Craiova, Romania.
8th IFToMM International Symposium on Robotics and Mechatronics (ISRM)		Geonea, I (corresponding author), Univ Craiova, Fac Mech, Craiova, Romania.
	MACHINES	Geonea, I; Tarnita, D (corresponding author), Univ Craiova, Fac Mech, Craiova 200512, Romania.

	APPLIED SCIENCES-BASEL	Geonea, ID (corresponding author), Univ Craiova, Fac Mech, Craiova 200512, Romania.
8th International Workshop on New Trends in Medical and Service Robots		Geonea, I (corresponding author), Univ Craiova, Fac Mech, Craiova 200512, Romania.
8th International Workshop on New Trends in Medical and Service Robots		Geonea, I (corresponding author), Univ Craiova, Fac Mech, Craiova, Romania.
	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	Geonea, I (corresponding author), Univ Craiova, Fac Mech, Dept Appl Mech, Calea Bucuresti 107, Craiova, Dolj, Romania.
	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	Geonea, I (corresponding author), Univ Craiova, Fac Mech, Dept Appl Mech & Civil Bldg, Calea Bucuresti 107, Craiova, Dolj, Romania.
7th International Workshop on New Trends in Medical and Service Robotics (MESROB)		Geonea, I (corresponding author), Univ Craiova, Craiova, Romania.
23rd IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)		Geonea, I (corresponding author), Univ Craiova, Dept Appl Mech, Craiova, Romania.
31st International Congress of SIAR of Automotive and Transport Engineering-Automotive and Integrated Transport Systems		Geonea, I (corresponding author), Univ Craiova, Fac Mech, 107 Calea Bucuresti, 107, Craiova, Romania.

	APPLIED SCIENCES-BASEL	Tarnita, D (corresponding author), Univ Craiova, Fac Mech, Craiova 200512, Romania.;Pisla, D (corresponding author), Tech Univ Cluj Napoca, Res Ctr Ind Robots Simulat & Testing CESTER, Cluj Napoca 400641, Romania.
	MECHANICAL SCIENCES	Geonea, ID (corresponding author), Univ Craiova, Dept Appl Mech, Craiova 200512, Romania.
	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	Stanescu, MM (corresponding author), Fac Mech Craiova, Dept Appl Mech & Civil Construct, Bucuresti Ave 107, Craiova, Romania.
7th International Workshop on New Trends in Medical and Service Robots		Geonea, I (corresponding author), Univ Craiova, Fac Mech, Craiova, Romania.
30th SIAR International Congress of Science and Management of Automotive and Transportation Engineering (SMAT)		Craciunoiu, N (corresponding author), Univ Craiova, Fac Mech, Craiova 200512, Romania.
8th European Conference on Mechanism Science		Cretu, SM (corresponding author), Univ Craiova, Fac Mech, Craiova, Romania.
14th International Conference on Tribology (ROTRIB)		Geonea I (corresponding author), Univ Craiova, Fac Mech, Craiova, Romania.
30th SIAR International Congress of Science and Management of Automotive and Transportation Engineering (SMAT)		Geonea, I (corresponding author), Univ Craiova, Craiova, Romania.
22nd IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)		Geonea, ID (corresponding author), Univ Craiova, Dept Appl Mech, Craiova, Romania.
30th SIAR International Congress of Science and Management of Automotive and Transportation Engineering (SMAT)		Geonea, I (corresponding author), Univ Craiova, Fac Mech, Craiova, Romania.

Times Cited, WoS Core	eISSN	Publication Year	Volume	Issue	Start Page	End Page	Article Number
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2		2020			201	206	
0		2020			565	572	

DOI	DOI Link	UT (Unique WOS ID)
		WOS:001565922600004
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10.1007/978-3-031-87537-3_5	http://dx.doi.org/10.1007/978-3-031-87537-3_5	WOS:001512809900005
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10.1007/978-3-031-59257-7_12	http://dx.doi.org/10.1007/978-3-031-59257-7_12	WOS:001295610100011
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10.1007/978-3-031-32446-8_33	http://dx.doi.org/10.1007/978-3-031-32446-8_33	WOS:001437421000033
		WOS:000911249300010
		WOS:000911249300012
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10.5194/ms-12-269-2021	http://dx.doi.org/10.5194/ms-12-269-2021	WOS:000626346500001
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