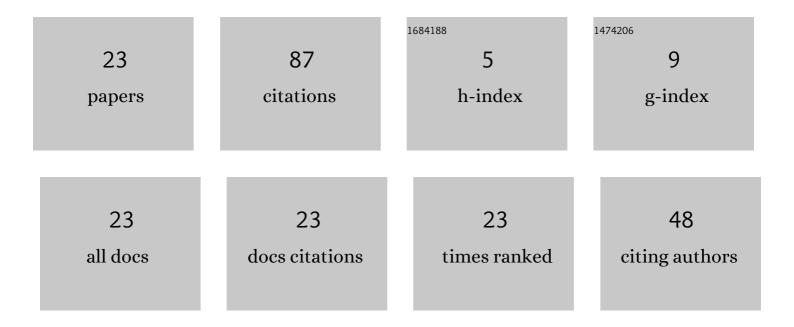
Claudia-Emilia Girjob

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Integrating Trajectory Planning with Kinematic Analysis and Joint Torques Estimation for an Industrial Robot Used in Incremental Forming Operations. Machines, 2022, 10, 531.	2.2	2
2	Mechatronic Design of a Four-Wheel drive mobile robot and differential steering. MATEC Web of Conferences, 2021, 343, 08003.	0.2	4
3	INDUSTRY 4.0 $\hat{a} \in$ " HOW TO INTRODUCE ITS CONCEPTS INTO THE TRAINING OF MECHATRONICS ENGINEERS. , 2021, , .		0
4	ONLINE TEACHING ACTIVITIES DUE TO COVID-19 - CASE STUDY FOR THE MECHATRONICS STUDY PROGRAMME. , 2021, , .		0
5	Using open source software CNC controllers and modular multi-axis mechanical structure as integrated teaching environment for CAD/CAM/CAE training. IOP Conference Series: Materials Science and Engineering, 2020, 968, 012024.	0.6	1
6	Creating an ethernet communication between a Simatic S7-1200 PLC and Arduino Mega for an omnidirectional mobile platform and industrial equipment. IOP Conference Series: Materials Science and Engineering, 2020, 968, 012022.	0.6	3
7	Dynamic Analysis of a 7 DOF Robot Using Fuzzy Logic for Inverse Kinematics Problem. Procedia Computer Science, 2019, 162, 298-306.	2.0	15
8	Modular fastening system and tool–holder working unit for incremental forming. MATEC Web of Conferences, 2019, 299, 05005.	0.2	1
9	Processing strategies for single point incremental forming—a CAM approach. International Journal of Advanced Manufacturing Technology, 2019, 102, 1761-1777.	3.0	16
10	Incremental Forming of Titanium Ti6Al4V Alloy for Cranioplasty Plates—Decision-Making Process and Technological Approaches. Metals, 2018, 8, 626.	2.3	23
11	Study of the Formability of Laminated Lightweight Metallic Materials. MATEC Web of Conferences, 2017, 121, 03008.	0.2	6
12	IS ENGINEERING A MALE SPECIFIC PROFESSION AND HOW THIS ISSUE IS ADDRESSED AT LUCIAN BLAGA UNIVERSITY OF SIBIU. INTED Proceedings, 2016, , .	0.0	0
13	Numerical Simulation By Means Of Finite Element Method Of Plastic Deformation Processes Of Lightweight Metallic Materials. ACTA Universitatis Cibiniensis, 2015, 67, 111-114.	0.1	1
14	Considerations on Cutting Regime Influence of NC Laser Cutting Machine Tool on Processed Surface Quality. Applied Mechanics and Materials, 2015, 760, 475-481.	0.2	0
15	Researches Regarding Optimising the Contouring Precision of CNC Laser Cutting Machines. Applied Mechanics and Materials, 2014, 555, 580-585.	0.2	6
16	Modular device for determining forming limit curves – a cost effective aproach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 355-360.	0.4	0
17	Low-cost solutions for manipulation tasks in manufacturing systems: balancing costs and performances. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 339-344.	0.4	3
18	Simulation approach for improving CNC milling machines accuracy for single axis motion. , 2010, , .		0

#	Article	IF	CITATIONS
19	Method for improving the contouring accuracy for CNC profiling machines at the shop floor level. , 2009, , .		0
20	FEM Simulation of Laminated Lightweight Materials Processed through Single Point Incremental Forming. Applied Mechanics and Materials, 0, 772, 38-43.	0.2	1
21	Study of the Formability of Light Metallic Materials. Applied Mechanics and Materials, 0, 809-810, 289-294.	0.2	1
22	Experimental Research of the Formability of Lightweight Metallic Materials Used in Automotive Industry. Applied Mechanics and Materials, 0, 760, 391-396.	0.2	3
23	Researches Regarding Optimizing the Accuracy of CNC Laser Cutting Machines. Applied Mechanics and Materials, 0, 809-810, 333-338.	0.2	1