

# Claudia-Emilia Girjob

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7025466/publications.pdf>

Version: 2024-02-01

23  
papers

87  
citations

1684188

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h-index

1474206

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g-index

23  
all docs

23  
docs citations

23  
times ranked

48  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incremental Forming of Titanium Ti6Al4V Alloy for Cranioplasty Plates – Decision-Making Process and Technological Approaches. <i>Metals</i> , 2018, 8, 626.	2.3	23
2	Processing strategies for single point incremental forming – a CAM approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 102, 1761-1777.	3.0	16
3	Dynamic Analysis of a 7 DOF Robot Using Fuzzy Logic for Inverse Kinematics Problem. <i>Procedia Computer Science</i> , 2019, 162, 298-306.	2.0	15
4	Researches Regarding Optimising the Contouring Precision of CNC Laser Cutting Machines. <i>Applied Mechanics and Materials</i> , 2014, 555, 580-585.	0.2	6
5	Study of the Formability of Laminated Lightweight Metallic Materials. <i>MATEC Web of Conferences</i> , 2017, 121, 03008.	0.2	6
6	Mechatronic Design of a Four-Wheel drive mobile robot and differential steering. <i>MATEC Web of Conferences</i> , 2021, 343, 08003.	0.2	4
7	Low-cost solutions for manipulation tasks in manufacturing systems: balancing costs and performances. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010, 43, 339-344.	0.4	3
8	Experimental Research of the Formability of Lightweight Metallic Materials Used in Automotive Industry. <i>Applied Mechanics and Materials</i> , 0, 760, 391-396.	0.2	3
9	Creating an ethernet communication between a Simatic S7-1200 PLC and Arduino Mega for an omnidirectional mobile platform and industrial equipment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 968, 012022.	0.6	3
10	Integrating Trajectory Planning with Kinematic Analysis and Joint Torques Estimation for an Industrial Robot Used in Incremental Forming Operations. <i>Machines</i> , 2022, 10, 531.	2.2	2
11	Numerical Simulation By Means Of Finite Element Method Of Plastic Deformation Processes Of Lightweight Metallic Materials. <i>ACTA Universitatis Cibiniensis</i> , 2015, 67, 111-114.	0.1	1
12	FEM Simulation of Laminated Lightweight Materials Processed through Single Point Incremental Forming. <i>Applied Mechanics and Materials</i> , 0, 772, 38-43.	0.2	1
13	Study of the Formability of Light Metallic Materials. <i>Applied Mechanics and Materials</i> , 0, 809-810, 289-294.	0.2	1
14	Researches Regarding Optimizing the Accuracy of CNC Laser Cutting Machines. <i>Applied Mechanics and Materials</i> , 0, 809-810, 333-338.	0.2	1
15	Modular fastening system and tool – holder working unit for incremental forming. <i>MATEC Web of Conferences</i> , 2019, 299, 05005.	0.2	1
16	Using open source software CNC controllers and modular multi-axis mechanical structure as integrated teaching environment for CAD/CAM/CAE training. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 968, 012024.	0.6	1
17	Method for improving the contouring accuracy for CNC profiling machines at the shop floor level. , 2009, , .		0
18	Modular device for determining forming limit curves – a cost effective approach. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010, 43, 355-360.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Simulation approach for improving CNC milling machines accuracy for single axis motion. , 2010, , .		0
20	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
21	IS ENGINEERING A MALE SPECIFIC PROFESSION AND HOW THIS ISSUE IS ADDRESSED AT LUCIAN BLAGA UNIVERSITY OF SIBIU. INTED Proceedings, 2016, , .	0.0	0
22	INDUSTRY 4.0 “ HOW TO INTRODUCE ITS CONCEPTS INTO THE TRAINING OF MECHATRONICS ENGINEERS. , 2021, , .		0
23	ONLINE TEACHING ACTIVITIES DUE TO COVID-19 - CASE STUDY FOR THE MECHATRONICS STUDY PROGRAMME. , 2021, , .		0