

Claudia-Emilia Girjob

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

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1684188

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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. <i>Machines</i> , 2022, 10, 531. | 2.2 | 2 |
| 2 | Mechatronic Design of a Four-Wheel drive mobile robot and differential steering. <i>MATEC Web of Conferences</i> , 2021, 343, 08003. | 0.2 | 4 |
| 3 | INDUSTRY 4.0 – 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. <i>IOP Conference Series: Materials Science and Engineering</i> , 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. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 968, 012022. | 0.6 | 3 |
| 7 | 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 |
| 8 | Modular fastening system and tool holder working unit for incremental forming. <i>MATEC Web of Conferences</i> , 2019, 299, 05005. | 0.2 | 1 |
| 9 | 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 |
| 10 | Incremental Forming of Titanium Ti6Al4V Alloy for Cranioplasty Plates – Decision-Making Process and Technological Approaches. <i>Metals</i> , 2018, 8, 626. | 2.3 | 23 |
| 11 | Study of the Formability of Laminated Lightweight Metallic Materials. <i>MATEC Web of Conferences</i> , 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. <i>INTED Proceedings</i> , 2016, , . | 0.0 | 0 |
| 13 | 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 |
| 14 | Considerations on Cutting Regime Influence of NC Laser Cutting Machine Tool on Processed Surface Quality. <i>Applied Mechanics and Materials</i> , 2015, 760, 475-481. | 0.2 | 0 |
| 15 | Researches Regarding Optimising the Contouring Precision of CNC Laser Cutting Machines. <i>Applied Mechanics and Materials</i> , 2014, 555, 580-585. | 0.2 | 6 |
| 16 | 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 |
| 17 | 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 |
| 18 | Simulation approach for improving CNC milling machines accuracy for single axis motion. , 2010, , . | | 0 |

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|----|---|-----|-----------|
| 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 |