

Grzegorz ÄwikÄ,a

List of Publications by Year in descending order

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241
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the Selected Disturbing Factors on Accuracy of the Distance Measurement with the Use of Ultrasonic Transducers in a Hard Coal Mine. <i>Energies</i> , 2022, 15, 133.	3.1	3
2	Research on Ultrasonic Transducers to Accurately Determine Distances in a Coal Mine Conditions. <i>Energies</i> , 2021, 14, 2532.	3.1	6
3	Similarity of Parts Determined by Semantic Networks as the Basis for Manufacturing Cost Estimation. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 320-330.	0.6	0
4	Assessment of Similarity of Elements as a Basis for Production Costs Estimation. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 386-395.	0.6	2
5	A Comparison Analysis of the Computer Simulation Results of a Real Production System. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 344-354.	0.6	3
6	Predictive Maintenance Scheduling with Failure Rate Described by Truncated Normal Distribution. <i>Sensors</i> , 2020, 20, 6787.	3.8	5
7	Statistical process control and CAQ systems as a tools assuring quality in the automotive industry. <i>Multidisciplinary Aspects of Production Engineering</i> , 2019, 2, 336-344.	0.2	1
8	Analysis of complex manufacturing processes scheduling in different advanced informatics environments. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 400, 062020.	0.6	0
9	Complex technical systems modelling and their mechatronics function simulation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 400, 042028.	0.6	0
10	Positioning a robot in a robotic cell in Tecnomatix. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 400, 052002.	0.6	2
11	Experimental analysis of dynamic parameters of the robot's drive. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 400, 052001.	0.6	0
12	A computer simulation as a tool for a production system analysis and optimization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 400, 022033.	0.6	3
13	Optimization of energy consumption in a designed prototype vehicle in an advanced engineering environment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 400, 042041.	0.6	0
14	Assessment of the efficiency of the continuous improvement system based on Kaizen in an example company. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 400, 062008.	0.6	3
15	The Kanban system for the assembly process of the model of a forklift. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 400, 022043.	0.6	0
16	The CAD drawing as a source of data for robot programming purposes – a review. <i>MATEC Web of Conferences</i> , 2017, 94, 05002.	0.2	12
17	Problems of integration of a manufacturing system with the business area of a company on the example of the Integrated Manufacturing Systems Laboratory. <i>MATEC Web of Conferences</i> , 2017, 94, 06004.	0.2	18
18	Tensile tests of specimens made of selected group of the filament materials manufactured with FDM method. <i>MATEC Web of Conferences</i> , 2017, 112, 04017.	0.2	12

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19	Algorithms of control parameters selection for automation of FDM 3D printing process. MATEC Web of Conferences, 2017, 112, 05011.	0.2	2
20	The influence of computer-generated path on the robot's effector stability of motion. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012045.	0.6	0
21	Modelling of teeth of a gear transmission for modern manufacturing technologies. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012080.	0.6	0
22	Modelling of industrial robot in LabView Robotics. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012011.	0.6	5
23	Analysis of the possibility of SysML and BPMN application in formal data acquisition system description. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012034.	0.6	2
24	The influence of printing parameters on selected mechanical properties of FDM/FFF 3D-printed parts. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012033.	0.6	116
25	Experimental determination of dynamic parameters of an industrial robot. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012012.	0.6	6
26	Analysis of design characteristics of a V-type support using an advanced engineering environment. IOP Conference Series: Materials Science and Engineering, 2017, 227, 012053.	0.6	0
27	Integration of Manufacturing Functions for SME. Holonic-Based Approach. Advances in Intelligent Systems and Computing, 2017, , 464-473.	0.6	13
28	The role of multi-agent systems in improving performance of manufacturing robotized cells. IOP Conference Series: Materials Science and Engineering, 2015, 95, 012097.	0.6	8
29	The Experimental Cutting Parameters Fitting in Turning Technological Operations for Selected Polyamide Materials. Applied Mechanics and Materials, 2015, 809-810, 159-164.	0.2	0
30	The laboratory station for tyres grip testing on different surfaces. IOP Conference Series: Materials Science and Engineering, 2015, 95, 012092.	0.6	0
31	Application of the MIAS methodology in design of the data acquisition system for wastewater treatment plant. IOP Conference Series: Materials Science and Engineering, 2015, 95, 012153.	0.6	16
32	The Graph of Operations Planning Sequence of a Production Order for Scheduling with Mixed Planning Strategies and Alternatives. Applied Mechanics and Materials, 2015, 809-810, 1420-1425.	0.2	0
33	The Expert System Supporting Design of the Manufacturing Information Acquisition System (MIAS) for Production Management. Advanced Materials Research, 2014, 1036, 852-857.	0.3	11
34	Case Study of Manufacturing Information Acquisition System (MIAS) in Automated Continuous Production System. Applied Mechanics and Materials, 2014, 657, 808-812.	0.2	10
35	The Practical Approach to Freeform Shape Elements Reverse Engineering. Applied Mechanics and Materials, 2014, 657, 755-759.	0.2	7
36	The New Approach to Design Features Identification. Applied Mechanics and Materials, 2014, 657, 750-754.	0.2	15

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37	Methods of Manufacturing Data Acquisition for Production Management - A Review. Advanced Materials Research, 0, 837, 618-623.	0.3	34
38	Real-Time Monitoring Station for Production Systems. Advanced Materials Research, 0, 837, 334-339.	0.3	16
39	The Methodology of Development of the Manufacturing Information Acquisition System (MIAS) for Production Management. Applied Mechanics and Materials, 0, 474, 27-32.	0.2	23
40	Semi-Automated Data Acquisition for Management of the Company in Non-Automated Production System – Case Study. Applied Mechanics and Materials, 0, 809-810, 1510-1515.	0.2	0
41	The pneumatic and electropneumatic systems in the context of 4 th industrial revolution. IOP Conference Series: Materials Science and Engineering, 0, 400, 022024.	0.6	7
42	Production orders planning using additional backward pass scheduling approach. IOP Conference Series: Materials Science and Engineering, 0, 400, 062015.	0.6	2
43	The initial considerations and tests on the use of real time locating system in manufacturing processes improvement. IOP Conference Series: Materials Science and Engineering, 0, 400, 042013.	0.6	6