Beata Mrugalska

List of Publications by Year
in descending order

34 papers	661 citations	1162367 8 h-index	580395 25 g-index
41 all docs	41 docs citations	41 times ranked	544 citing authors

#	Article	IF	Citations
1	Open source systems and 3D computer design applicable in the dental medical engineering Industry 4.0 â€" sustainable concept. Procedia Manufacturing, 2021, 54, 296-301.	1.9	7
2	Decision Making in Health Management during Crisis: A Case Study Based on Epidemiological Curves of China and Italy against COVID-19. International Journal of Environmental Research and Public Health, 2021, 18, 8078.	1.2	1
3	Organizational Agility in Industry 4.0: A Systematic Literature Review. Sustainability, 2021, 13, 8272.	1.6	43
4	Cognitive and Organizational Criteria for Workstation Design. Advances in Intelligent Systems and Computing, 2020, , 161-173.	0.5	3
5	Readiness and Maturity of Manufacturing Enterprises for Industry 4.0. Advances in Intelligent Systems and Computing, 2020, , 263-270.	0.5	4
6	Remaining Useful Life Prediction for Components of Automated Guided Vehicles. Advances in Intelligent Systems and Computing, 2020, , 420-429.	0.5	0
7	How to Improve Manufacturing Process Implementing 5S Practices: A Case Study. Advances in Intelligent Systems and Computing, 2020, , 1225-1232.	0.5	1
8	Contemporary Low-Cost Hardware for Ergonomic Evaluation: Needs, Applications and Limitations. Advances in Intelligent Systems and Computing, 2019, , 386-397.	0.5	0
9	Health-Aware Model-Predictive Control of a Cooperative AGV-Based Production System. Sensors, 2019, 19, 532.	2.1	16
10	Remaining Useful Life as Prognostic Approach: A Review. Advances in Intelligent Systems and Computing, 2019, , 689-695.	0.5	3
11	Lean Production and Its Impact on Worker Health. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 118-127.	0.3	1
12	Towards Innovation and Development in Ergonomic Design: Insights from a Literature Review. Procedia, Social and Behavioral Sciences, 2018, 238, 167-176.	0.5	2
13	Using Six Sigma DMAIC to Improve the Quality of the Production Process: A Case Study. Procedia, Social and Behavioral Sciences, 2018, 238, 590-596.	0.5	67
14	Towards Enhanced Performance of Neural-Network-Based Fault Detection Using an Sequential D-Optimum Experimental Design. Applied Sciences (Switzerland), 2018, 8, 1290.	1.3	3
15	A bounded-error approach to actuator fault diagnosis and remaining useful life prognosis of Takagi-Sugeno fuzzy systems. ISA Transactions, 2018, 80, 257-266.	3.1	18
16	Application of Single Minute Exchange of Die in Production Process Improvement. , 2018, 39, 31-39.		2
17	Towards Lean Production in Industry 4.0. Procedia Engineering, 2017, 182, 466-473.	1.2	324
18	Mirages of Lean Manufacturing in Practice. Procedia Engineering, 2017, 182, 780-785.	1.2	42

#	Article	IF	Citations
19	Grain quality characteristics and dough rheological properties in Langdon durumâ€"wild emmer wheat chromosome substitution lines under nitrogen and water deficits. Journal of the Science of Food and Agriculture, 2017, 97, 2030-2041.	1.7	4
20	Managing Variations in Process Control: An Overview of Sources and Degradation Methods. Advances in Intelligent Systems and Computing, 2017, , 377-387.	0.5	5
21	A fault-tolerant approach to the control of a battery assembly system. Control Engineering Practice, 2016, 55, 139-148.	3.2	36
22	Human-Automation Manufacturing Industry System: Current Trends and Practice. Advances in Intelligent Systems and Computing, 2016, , 137-145.	0.5	6
23	Human error and response to alarms in process safety. DYNA (Colombia), 2016, 83, 81.	0.2	3
24	Analysis of overload in the musculoskeletal system of women developing repetitive tasks in fluid filling process in chemical industry. , 2016, , 41-46.		0
25	Quality Control Methods for Product Reliability and Safety. Procedia Manufacturing, 2015, 3, 2730-2737.	1.9	8
26	An investigation of safety design practices of metal machines. Work, 2015, 51, 747-755.	0.6	4
27	Robust neural-network-based fault detection with sequential D-optimum bounded-error input design. IFAC-PapersOnLine, 2015, 48, 434-439.	0.5	3
28	Barriers to Eliminating Waste in Production System. , 2015, , .		3
29	Induction Machine Faults Leading to Occupational Accidents. Lecture Notes in Computer Science, 2014, , 237-245.	1.0	3
30	Humanization of Work and Environmental Protection in Activity of Enterprise. Lecture Notes in Computer Science, 2014, , 700-709.	1.0	4
31	Design and Quality Control of Products Robust to Model Uncertainty and Disturbances. Lecture Notes in Production Engineering, 2013, , 495-505.	0.3	5
32	Environmental disturbances in robust machinery design. , 2013, , 243-248.		6
33	Practical application of product design method robust to disturbances. Human Factors and Ergonomics in Manufacturing, 2012, 22, 121-129.	1.4	13
34	Contemporary aspects in design of work. Advances in Human Factors and Ergonomics Series, 2010, , 401-411.	0.2	0