Ewa Dostatni

List of Publications by Year
in descending order

		1039406	887659
26 papers	**302** citations	**9** h-index	**17** g-index
27 all docs	**27** docs citations	**27** times ranked	**161** citing authors

#	Article	IF	Citations
1	Comparison of Neural Networks Aiding Material Compatibility Assessment. Lecture Notes in Mechanical Engineering, 2022, , 14-24.	0.3	0
2	Integrating the Assessment of Sustainability and an ERP System in Small and Medium Manufacturing Enterprise - A Case Study. Lecture Notes in Mechanical Engineering, 2022, , 50-60.	0.3	0
3	A Semi-Automated 3D-Printed Chainmail Design Algorithm with Preprogrammed Directional Functions for Hand Exoskeleton. Applied Sciences (Switzerland), 2022, 12, 5007.	1.3	4
4	Analysis of Selected IT Tools Supporting Eco-Design in the 3D CAD Environment. IEEE Access, 2021, 9, 134945-134956.	2.6	4
5	Optimization of Extrusion-Based 3D Printing Process Using Neural Networks for Sustainable Development. Materials, 2021, 14, 2737.	1.3	20
6	Reducing Waste in 3D Printing Using a Neural Network Based on an Own Elbow Exoskeleton. Materials, 2021, 14, 5074.	1.3	4
7	Ecological Activities of Manufacturing Companies in the Use and Recycling of Products. Lecture Notes in Mechanical Engineering, 2021, , 33-41.	0.3	0
8	Digital Twins in Product Lifecycle for Sustainability in Manufacturing and Maintenance. Applied Sciences (Switzerland), 2021, 11, 31.	1.3	53
9	Traditional Artificial Neural Networks Versus Deep Learning in Optimization of Material Aspects of 3D Printing. Materials, 2021, 14, 7625.	1.3	5
10	AI-Optimized Technological Aspects of the Material Used in 3D Printing Processes for Selected Medical Applications. Materials, 2020, 13, 5437.	1.3	50
11	Inventive Methods in Designing an Environmentally Friendly Household Appliance. Lecture Notes in Electrical Engineering, 2019, , 347-353.	0.3	0
12	Artificial Neural Network-Supported Selection of Materials in Ecodesign. Lecture Notes in Mechanical Engineering, 2019, , 422-431.	0.3	3
13	Automation and Digitization of the Material Selection Process for Ecodesign. Advances in Intelligent Systems and Computing, 2019, , 523-532.	0.5	4
14	Automation of the Ecodesign Process for Industry 4.0. Advances in Intelligent Systems and Computing, 2019, , 533-542.	0.5	2
15	Decision Support on Product Using Environmental Attributes Implemented in PLM System. Advances in Intelligent Systems and Computing, 2018, , 275-284.	0.5	1
16	Modelling and Recycling-Oriented Assessment of Household Appliances. Advances in Intelligent Systems and Computing, 2018, , 306-315.	0.5	0
17	Ecodesign of Technological Processes with the Use of Decision Trees Method. Advances in Intelligent Systems and Computing, 2018, , 318-327.	0.5	10
18	The Use of Machine Learning Method in Concurrent Ecodesign of Products and Technological Processes. Lecture Notes in Mechanical Engineering, 2018, , 321-330.	0.3	12

#	Article	IF	Citations
19	Product Variants Recycling Cost Estimation with the Use of Multi-agent Support System. Lecture Notes in Mechanical Engineering, 2018, , 311-320.	0.3	1
20	Application of the Theory of Constraints for Project Management. Management and Production Engineering Review, 2017, 8, 87-95.	1.4	19
21	Multi-agent system to support decision-making process in design for recycling. Soft Computing, 2016, 20, 4347-4361.	2.1	30
22	Estimating the Cost of Product Recycling with the Use of Ecodesign Support System. Management and Production Engineering Review, 2016, 7, 33-39.	1.4	9
23	Functionality Assessment of Ecodesign Support System. Management and Production Engineering Review, 2015, 6, 10-15.	1.4	9
24	Improving the Skills and Knowledge of Future Designers in the Field of Ecodesign Using Virtual Reality Technologies. Procedia Computer Science, 2015, 75, 348-358.	1.2	32
25	Multi-agent System to Support Decision-Making Process in Ecodesign. Advances in Intelligent Systems and Computing, 2015, , 463-474.	0.5	13
26	Application of agent technology for recyclingâ€‘oriented product assessment. Industrial Management and Data Systems, 2013, 113, 817-839.	2.2	17