Javaid Butt

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6369097/publications.pdf

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29	550	777949 13	759306 22
papers	citations	h-index	g-index

29	29	29	292
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Machine Learning role in clinical decision-making: Neuro-rehabilitation video game. Expert Systems With Applications, 2022, 201, 117165.	4.4	12
2	Investigating the Effects of Ironing Parameters on the Dimensional Accuracy, Surface Roughness, and Hardness of FFF-Printed Thermoplastics. Journal of Composites Science, 2022, 6, 121.	1.4	10
3	Experimental Analysis of Plastic-Based Composites Made by Composite Plastic Manufacturing. Journal of Composites Science, 2022, 6, 127.	1.4	2
4	Non-Destructive and Destructive Testing to Analyse the Effects of Processing Parameters on the Tensile and Flexural Properties of FFF-Printed Graphene-Enhanced PLA. Journal of Composites Science, 2022, 6, 148.	1.4	11
5	Investigating the Influence of Material Extrusion Rates and Line Widths on FFF-Printed Graphene-Enhanced PLA. Journal of Manufacturing and Materials Processing, 2022, 6, 57.	1.0	4
6	Investigating the effects of extrusion temperatures and material extrusion rates on FFF-printed thermoplastics. International Journal of Advanced Manufacturing Technology, 2021, 117, 2679-2699.	1.5	28
7	Hybrid Manufacturing and Mechanical Characterization of Cu/PLA Composites. Arabian Journal for Science and Engineering, 2020, 45, 9339-9356.	1.7	22
8	Analyzing the Effects of Tactical Dependence for Business Process Reengineering and Optimization. Designs, 2020, 4, 23.	1.3	2
9	A Conceptual Framework to Support Digital Transformation in Manufacturing Using an Integrated Business Process Management Approach. Designs, 2020, 4, 17.	1.3	57
10	A Strategic Roadmap for the Manufacturing Industry to Implement Industry 4.0. Designs, 2020, 4, 11.	1.3	63
11	Investigating the Effects of Annealing on the Mechanical Properties of FFF-Printed Thermoplastics. Journal of Manufacturing and Materials Processing, 2020, 4, 38.	1.0	64
12	Redesign of an In-Market Conveyor System for Manufacturing Cost Reduction and Design Efficiency Using DFMA Methodology. Designs, 2020, 4, 6.	1.3	13
13	Exploring the Interrelationship between Additive Manufacturing and Industry 4.0. Designs, 2020, 4, 13.	1.3	63
14	Tensile lap-shear and flexural behaviour of aluminium metal foil parts made by composite metal foil manufacturing. Progress in Additive Manufacturing, 2019, 4, 73-81.	2.5	3
15	Fusion of Artificial Intelligence in Neuro-Rehabilitation Video Games. IEEE Access, 2019, 7, 102617-102627.	2.6	17
16	Finite Element Modeling and Mechanical Testing of Metal Composites Made by Composite Metal Foil Manufacturing. Journal of Manufacturing and Materials Processing, 2019, 3, 81.	1.0	5
17	Integration of Data-Driven Process Re-Engineering and Process Interdependency for Manufacturing Optimization Supported by Smart Structured Data. Designs, 2019, 3, 44.	1.3	5
18	Hybrid Manufacturing and Experimental Testing of Glass Fiber Enhanced Thermoplastic Composites. Journal of Manufacturing and Materials Processing, 2019, 3, 96.	1.0	13

#	Article	IF	Citations
19	A desktop 3D printer with dual extruders to produce customised electronic circuitry. Frontiers of Mechanical Engineering, 2018, 13, 528-534.	2.5	23
20	Numerical and experimental analysis of product development by composite metal foil manufacturing. International Journal of Rapid Manufacturing, 2018, 7, 59.	0.5	9
21	Data-Driven Process Reengineering and Optimization Using a Simulation and Verification Technique. Designs, 2018, 2, 42.	1.3	7
22	Finite Element Modelling and Validation of Thermomechanical Behaviour for Layered Aluminium Parts Made by Composite Metal Foil Manufacturing. Journal of Composites Science, 2018, 2, 68.	1.4	3
23	Experimental analysis of metal/plastic composites made by a new hybrid method. Additive Manufacturing, 2018, 22, 216-222.	1.7	20
24	Additive, Subtractive, and Hybrid Manufacturing Processes. , 2018, , 187-218.		7
25	Numerical and experimental analysis of product development by composite metal foil manufacturing. International Journal of Rapid Manufacturing, 2018, 7, 59.	0.5	1
26	Microstructure and mechanical properties of dissimilar pure copper foil/1050 aluminium composites made with composite metal foil manufacturing. Journal of Materials Processing Technology, 2016, 238, 96-107.	3.1	36
27	Strength analysis of aluminium foil parts made by composite metal foil manufacturing. Progress in Additive Manufacturing, 2016, 1, 93-103.	2.5	16
28	Rapid prototyping by heat diffusion of metal foil and related mechanical testing. International Journal of Advanced Manufacturing Technology, 2016, 84, 2357-2366.	1.5	16
29	Peel and tensile test investigation of aluminium 1050 foil parts made with a new additive manufacturing process. International Journal of Rapid Manufacturing, 2015, 5, 95.	0.5	18