WiesÅ‚aw Kuczko

List of Publications by Year
in descending order

26 papers	324 citations	1040056 9 h-index	940533 16 g-index
27 all docs	27 docs citations	27 times ranked	270 citing authors

#	Article	IF	Citations
1	Evaluation of a Prototype System of Automated Design and Rapid Manufacturing of Orthopaedic Supplies. Lecture Notes in Mechanical Engineering, 2022, , 1-15.	0.4	2
2	Design and Additive Manufacturing of an Individualized Specialized Leg Orthosis. Lecture Notes in Mechanical Engineering, 2022, , 31-44.	0.4	4
3	Study on Properties of Automatically Designed 3D-Printed Customized Prosthetic Sockets. Materials, 2021, 14, 5240.	2.9	15
4	ABS filament moisture compensation possibilities in the FDM process. CIRP Journal of Manufacturing Science and Technology, 2021, 35, 550-559.	4.5	19
5	Experimental Studies on 3D Printing of Automatically Designed Customized Wrist-Hand Orthoses. Materials, 2020, 13, 4091.	2.9	44
6	Automated Design of Customized 3D-Printed Wrist Orthoses on the Basis of 3D Scanning. Mechanisms and Machine Science, 2020, , 1133-1143.	0.5	6
7	Application of Low-Cost 3D Printing for Production of CT-Based Individual Surgery Supplies. IFMBE Proceedings, 2019, , 249-253.	0.3	5
8	Methodology of Low Cost Rapid Manufacturing of Anatomical Models with Material Imitation of Soft Tissues. Advances in Science and Technology Research Journal, 2019, 13, 120-128.	0.8	10
9	Low-Cost 3D Printing in Innovative VR Training and Prototyping Solutions. Advances in Intelligent Systems and Computing, 2019, , 553-562.	0.6	0
10	Augmented Reality in Training of Fused Deposition Modelling Process. Lecture Notes in Mechanical Engineering, 2018, , 565-574.	0.4	6
11	Mechanical properties of composite parts manufactured in FDM technology. Rapid Prototyping Journal, 2018, 24, 1281-1287.	3.2	9
12	Influence of Sterilization of a Product Manufactured Using FDM Technology on its Dimensional Accuracy. Advances in Science and Technology Research Journal, 2018, 12, 74-79.	0.8	3
13	Prototyping of Cosmetic Prosthesis of Upper Limb Using Additive Manufacturing Technologies. Advances in Science and Technology Research Journal, 2017, 11, 102-108.	0.8	4
14	INFLUENCE OF POST-PROCESSING ON ACCURACY OF FDM PRODUCTS. Advances in Science and Technology Research Journal, 2017, 11, 172-179.	0.8	13
15	MECHANICAL PROPERTIES OF PARTS OF MEDICAL PRODUCTS PRODUCED USING ADDITIVE MANUFACTURING TECHNOLOGIES. Advances in Science and Technology Research Journal, 2017, 11, 166-171.	0.8	3
16	Prototyping of Individual Ankle Orthosis Using Additive Manufacturing Technologies. Advances in Science and Technology Research Journal, 2017, 11, 283-288.	0.8	11
17	Dimensional Accuracy of Parts Manufactured by 3D Printing for Interaction in Virtual Reality. Advances in Science and Technology Research Journal, 2017, 11, 279-285.	0.8	5
18	Analysis of Correlation between Stresses and Fatigue Lives of Welded Steel Specimens Based on Real Three-Dimensional Weld Geometry. Acta Mechanica Et Automatica, 2016, 10, 12-16.	0.6	4

#	Article	IF	Citations
19	Immersive Educational Simulation of Medical Ultrasound Examination. Procedia Computer Science, 2015, 75, 186-194.	2.0	12
20	Application of Professional and Low-cost Head Mounted Devices in Immersive Educational Application. Procedia Computer Science, 2015, 75, 173-181.	2.0	14
21	Application of Low-cost Tracking Systems in Educational Training Applications. Procedia Computer Science, 2015, 75, 398-407.	2.0	4
22	Computation of Mechanical Properties of Parts Manufactured by Fused Deposition Modeling Using Finite Element Method. Advances in Intelligent Systems and Computing, 2015, , 403-413.	0.6	16
23	INFLUENCE OF MARKER ARRANGEMENT ON POSITIONING ACCURACY OF OBJECTS IN A VIRTUAL ENVIRONMENT. Advances in Science and Technology Research Journal, 2015, 9, 112-119.	0.8	2
24	INFLUENCE OF PROCESS PARAMETERS ON DIMENSIONAL ACCURACY OF PARTS MANUFACTURED USING FUSED DEPOSITION MODELLING TECHNOLOGY. Advances in Science and Technology Research Journal, 2013, 7, 27-35.	0.8	64
25	STRENGTH OF ABS PARTS PRODUCED BY FUSED DEPOSITION MODELLING TECHNOLOGY â€“ A CRITICAL ORIENTATION PROBLEM. Advances in Science and Technology Research Journal, 0, 9, 12-19.	0.8	38
26	APPLICATION OF ADDITIVELY MANUFACTURED POLYMER COMPOSITE PROTOTYPES IN FOUNDRY. Advances in Science and Technology Research Journal, 0, 9, 20-27.	0.8	11