

Radosław Wichniarek

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

635
citations

686830

13
h-index

676716

22
g-index

51
all docs

51
docs citations

51
times ranked

481
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.	0.3	2
2	Study on Properties of Automatically Designed 3D-Printed Customized Prosthetic Sockets. Materials, 2021, 14, 5240.	1.3	15
3	ABS filament moisture compensation possibilities in the FDM process. CIRP Journal of Manufacturing Science and Technology, 2021, 35, 550-559.	2.3	19
4	The FDM Technique in Processes of Prototyping Spare Parts for Servicing and Repairing Agricultural Machines: A General Outline. International Journal of Applied Mechanics and Engineering, 2021, 26, 145-155.	0.3	6
5	Determination of the Elasticity Modulus of Additively Manufactured Wrist Hand Orthoses. Materials, 2020, 13, 4379.	1.3	12
6	Experimental Studies on 3D Printing of Automatically Designed Customized Wrist-Hand Orthoses. Materials, 2020, 13, 4091.	1.3	44
7	Automated Design of Customized 3D-Printed Wrist Orthoses on the Basis of 3D Scanning. Mechanisms and Machine Science, 2020, , 1133-1143.	0.3	6
8	Accuracy and Repeatability of Limb Scans Obtained on the Semi-Automatic Measuring Station. Advances in Science and Technology Research Journal, 2020, 14, 220-228.	0.4	1
9	Rapid Manufacturing of Individualized Prosthetic Sockets. Advances in Science and Technology Research Journal, 2020, 14, 42-49.	0.4	3
10	Application of Low-Cost 3D Printing for Production of CT-Based Individual Surgery Supplies. IFMBE Proceedings, 2019, , 249-253.	0.2	5
11	Knowledge Management in Open Industrial Virtual Reality Applications. Lecture Notes in Mechanical Engineering, 2019, , 104-118.	0.3	3
12	Automation of the Ecodesign Process for Industry 4.0. Advances in Intelligent Systems and Computing, 2019, , 533-542.	0.5	2
13	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.	0.4	10
14	Prototyping of an Individualized Multi-Material Wrist Orthosis using Fused Deposition Modelling. Advances in Science and Technology Research Journal, 2019, 13, 39-47.	0.4	12
15	Methodology of Estimating Manufacturing Task Completion Time for Make-to-Order Production. Lecture Notes in Electrical Engineering, 2019, , 377-383.	0.3	0
16	Low-Cost 3D Printing in Innovative VR Training and Prototyping Solutions. Advances in Intelligent Systems and Computing, 2019, , 553-562.	0.5	0
17	3D printed models in mandibular reconstruction with bony free flaps. Journal of Materials Science: Materials in Medicine, 2018, 29, 23.	1.7	49
18	Augmented Reality in Training of Fused Deposition Modelling Process. Lecture Notes in Mechanical Engineering, 2018, , 565-574.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Modelling and Recycling-Oriented Assessment of Household Appliances. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 306-315.	0.5	0
20	Correction on Effective Design of Educational Virtual Reality Applications for Medicine using Knowledge-Engineering Techniques. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2018, 14, .	0.7	0
21	Mechanical properties of composite parts manufactured in FDM technology. <i>Rapid Prototyping Journal</i> , 2018, 24, 1281-1287.	1.6	9
22	Three-point bending of sandwich beam with special structure of the core. <i>Composite Structures</i> , 2018, 201, 676-682.	3.1	30
23	Influence of Sterilization of a Product Manufactured Using FDM Technology on its Dimensional Accuracy. <i>Advances in Science and Technology Research Journal</i> , 2018, 12, 74-79.	0.4	3
24	Product Variants Recycling Cost Estimation with the Use of Multi-agent Support System. <i>Lecture Notes in Mechanical Engineering</i> , 2018, , 311-320.	0.3	1
25	Low " Cost Devices Used in Virtual Reality Exposure Therapy. <i>Procedia Computer Science</i> , 2017, 104, 445-451.	1.2	34
26	Selection of Optimal Software for Immersive Virtual Reality Application of City Bus Configurator. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 480-489.	0.5	1
27	Prototyping of Cosmetic Prosthesis of Upper Limb Using Additive Manufacturing Technologies. <i>Advances in Science and Technology Research Journal</i> , 2017, 11, 102-108.	0.4	4
28	INFLUENCE OF POST-PROCESSING ON ACCURACY OF FDM PRODUCTS. <i>Advances in Science and Technology Research Journal</i> , 2017, 11, 172-179.	0.4	13
29	MECHANICAL PROPERTIES OF PARTS OF MEDICAL PRODUCTS PRODUCED USING ADDITIVE MANUFACTURING TECHNOLOGIES. <i>Advances in Science and Technology Research Journal</i> , 2017, 11, 166-171.	0.4	3
30	Prototyping of Individual Ankle Orthosis Using Additive Manufacturing Technologies. <i>Advances in Science and Technology Research Journal</i> , 2017, 11, 283-288.	0.4	11
31	Dimensional Accuracy of Parts Manufactured by 3D Printing for Interaction in Virtual Reality. <i>Advances in Science and Technology Research Journal</i> , 2017, 11, 279-285.	0.4	5
32	Development and Studies on a Virtual Reality Configuration Tool for City Bus Driver Workplace. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 469-479.	0.5	0
33	Possibilities and Determinants of Using Low-Cost Devices in Virtual Education Applications. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2016, 13, .	0.7	5
34	Effective Design of Educational Virtual Reality Applications for Medicine using Knowledge-Engineering Techniques. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2016, 13, .	0.7	32
35	Multi-agent system to support decision-making process in design for recycling. <i>Soft Computing</i> , 2016, 20, 4347-4361.	2.1	30
36	Estimating the Cost of Product Recycling with the Use of Ecodesign Support System. <i>Management and Production Engineering Review</i> , 2016, 7, 33-39.	1.4	9

#	ARTICLE	IF	CITATIONS
37	Design and Implementation of a Complex Virtual Reality System for Product Design with Active Participation of End User. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 31-43.	0.5	9
38	Immersive Educational Simulation of Medical Ultrasound Examination. <i>Procedia Computer Science</i> , 2015, 75, 186-194.	1.2	12
39	Application of Professional and Low-cost Head Mounted Devices in Immersive Educational Application. <i>Procedia Computer Science</i> , 2015, 75, 173-181.	1.2	14
40	Immersive City Bus Configuration System for Marketing and Sales Education. <i>Procedia Computer Science</i> , 2015, 75, 137-146.	1.2	31
41	Application of Low-cost Tracking Systems in Educational Training Applications. <i>Procedia Computer Science</i> , 2015, 75, 398-407.	1.2	4
42	Improving the Skills and Knowledge of Future Designers in the Field of Ecodesign Using Virtual Reality Technologies. <i>Procedia Computer Science</i> , 2015, 75, 348-358.	1.2	32
43	Computation of Mechanical Properties of Parts Manufactured by Fused Deposition Modeling Using Finite Element Method. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 403-413.	0.5	16
44	Multi-agent System to Support Decision-Making Process in Ecodesign. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 463-474.	0.5	13
45	INFLUENCE OF MARKER ARRANGEMENT ON POSITIONING ACCURACY OF OBJECTS IN A VIRTUAL ENVIRONMENT. <i>Advances in Science and Technology Research Journal</i> , 2015, 9, 112-119.	0.4	2
46	INFLUENCE OF PROCESS PARAMETERS ON DIMENSIONAL ACCURACY OF PARTS MANUFACTURED USING FUSED DEPOSITION MODELLING TECHNOLOGY. <i>Advances in Science and Technology Research Journal</i> , 2013, 7, 27-35.	0.4	64
47	STRENGTH OF ABS PARTS PRODUCED BY FUSED DEPOSITION MODELLING TECHNOLOGY – A CRITICAL ORIENTATION PROBLEM. <i>Advances in Science and Technology Research Journal</i> , 0, 9, 12-19.	0.4	38
48	APPLICATION OF ADDITIVELY MANUFACTURED POLYMER COMPOSITE PROTOTYPES IN FOUNDRY. <i>Advances in Science and Technology Research Journal</i> , 0, 9, 20-27.	0.4	11