Filip Grski

List of Publications by Citations

61 papers	486 citations	12 h-index	19 g-index
65 ext. papers	593 ext. citations	1 avg, IF	4.09 L-index

#	Paper	IF	Citations
61	Application of Virtual Reality Techniques in Design of Ergonomic Manufacturing Workplaces. *Procedia Computer Science*, **2013**, 25, 289-301	1.6	61
60	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	2.1	42
59	Immersive and Haptic Educational Simulations of Assembly Workplace Conditions. *Procedia Computer Science*, **2015**, 75, 359-368	1.6	36
58	STRENGTH OF ABS PARTS PRODUCED BY FUSED DEPOSITION MODELLING TECHNOLOGY ? A CRITICAL ORIENTATION PROBLEM. *Advances in Science and Technology Research Journal*,9, 12-19	2.1	29
57	Virtual 3D Atlas of a Human Body ? Development of an Educational Medical Software Application. *Procedia Computer Science*, **2013**, 25, 302-314	1.6	28
56	Immersive City Bus Configuration System for Marketing and Sales Education. *Procedia Computer Science*, **2015**, 75, 137-146	1.6	24
55	Improving the Skills and Knowledge of Future Designers in the Field of Ecodesign Using Virtual Reality Technologies. *Procedia Computer Science*, **2015**, 75, 348-358	1.6	22
54	Low ?Cost Devices Used in Virtual Reality Exposure Therapy. *Procedia Computer Science*, **2017**, 104, 445-456	1.6	20
53	Effective Design of Educational Virtual Reality Applications for Medicine using Knowledge-Engineering Techniques. *Eurasia Journal of Mathematics, Science and Technology Education*, **2016**, 13,	1.6	17
52	Experimental Studies on 3D Printing of Automatically Designed Customized Wrist-Hand Orthoses. *Materials*, **2020**, 13,	3.5	16
51	Computation of Mechanical Properties of Parts Manufactured by Fused Deposition Modeling Using Finite Element Method. *Advances in Intelligent Systems and Computing*, **2015**, 403-413	0.4	13
50	Virtual Reality Production Training System in the Scope of Intelligent Factory. *Advances in Intelligent Systems and Computing*, **2018**, 450-458	0.4	12
49	Application of Professional and Low-cost Head Mounted Devices in Immersive Educational Application. *Procedia Computer Science*, **2015**, 75, 173-181	1.6	11
48	Immersive Educational Simulation of Medical Ultrasound Examination. *Procedia Computer Science*, **2015**, 75, 186-194	1.6	10
47	Building Virtual Reality Applications for Engineering with Knowledge-Based Approach. *Management and Production Engineering Review*, **2017**, 8, 64-73		9
46	INFLUENCE OF POST-PROCESSING ON ACCURACY OF FDM PRODUCTS. *Advances in Science and Technology Research Journal*, **2017**, 11, 172-179	2.1	9
45	Utilization of Advanced Simulation Methods for Solving of Assembly Processes Automation Partial Tasks. *Manufacturing Technology*, **2013**, 13, 478-486	0.7	8

44	Prototyping of an Individualized Multi-Material Wrist Orthosis using Fused Deposition Modelling. *Advances in Science and Technology Research Journal*, **2019**, 13, 39-47	2.1	7
43	APPLICATION OF ADDITIVELY MANUFACTURED POLYMER COMPOSITE PROTOTYPES IN FOUNDRY. *Advances in Science and Technology Research Journal*,9, 20-27	2.1	7
42	Prototyping of Individual Ankle Orthosis Using Additive Manufacturing Technologies. *Advances in Science and Technology Research Journal*, **2017**, 11, 283-288	2.1	6
41	Design and Implementation of a Complex Virtual Reality System for Product Design with Active Participation of End User. *Advances in Intelligent Systems and Computing*, **2016**, 31-43	0.4	6
40	Employee Training in an Intelligent Factory Using Virtual Reality. *IEEE Access*, **2020**, 8, 135110-135117	3.5	6
39	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	2.1	5
38	Determination of the Elasticity Modulus of Additively Manufactured Wrist Hand Orthoses. *Materials*, **2020**, 13,	3.5	5
37	Mechanical properties of composite parts manufactured in FDM technology. *Rapid Prototyping Journal*, **2018**, 24, 1281-1287	3.8	5
36	Augmented Reality in Training of Fused Deposition Modelling Process. *Lecture Notes in Mechanical Engineering*, **2018**, 565-574	0.4	4
35	Application of Low-cost Tracking Systems in Educational Training Applications. *Procedia Computer Science*, **2015**, 75, 398-407	1.6	4
34	Prototyping of Cosmetic Prosthesis of Upper Limb Using Additive Manufacturing Technologies. *Advances in Science and Technology Research Journal*, **2017**, 11, 102-108	2.1	4
33	Automated Design of Customized 3D-Printed Wrist Orthoses on the Basis of 3D Scanning. *Mechanisms and Machine Science*, **2020**, 1133-1143	0.3	4
32	Possibilities and Determinants of Using Low-Cost Devices in Virtual Education Applications. *Eurasia Journal of Mathematics, Science and Technology Education*, **2016**, 13,	1.6	4
31	Knowledge Management in Open Industrial Virtual Reality Applications. *Lecture Notes in Mechanical Engineering*, **2019**, 104-118	0.4	3
30	Cyber Sickness in Industrial Virtual Reality Training. *Lecture Notes in Mechanical Engineering*, **2019**, 137-149	0.4	3
29	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	2.1	3
28	Virtual Reality and CAD Systems Integration for Quick Product Variant Design. *Lecture Notes in Mechanical Engineering*, **2018**, 599-608	0.4	3
27	Examination of Effectiveness of a Performed Procedural Task Using Low-Cost Peripheral Devices in VR. *Lecture Notes in Computer Science*, **2018**, 403-415	0.9	3

26	ABS filament moisture compensation possibilities in the FDM process. *CIRP Journal of Manufacturing Science and Technology*, **2021**, 35, 550-559	3.4	3
25	Environmental Impact of Additive Manufacturing for Individual Supplies. *Lecture Notes in Mechanical Engineering*, **2021**, 384-393	0.4	3
24	Use of Delta Robot as an Active Touch Device in Immersive Case Scenarios. *Procedia Computer Science*, **2017**, 104, 485-492	1.6	2
23	Virtual Reality Training Application of Medical Procedure. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2018**, 49-58	0.2	2
22	Virtual reality training of hard and soft skills in production **2018**,		2
21	Application of Low-Cost 3D Printing for Production of CT-Based Individual Surgery Supplies. *IFMBE Proceedings*, **2019**, 249-253	0.2	2
20	INFLUENCE OF MARKER ARRANGEMENT ON POSITIONING ACCURACY OF OBJECTS IN A VIRTUAL ENVIRONMENT. *Advances in Science and Technology Research Journal*, **2015**, 9, 112-119	2.1	2
19	Dimensional Accuracy of Parts Manufactured by 3D Printing for Interaction in Virtual Reality. *Advances in Science and Technology Research Journal*, **2017**, 11, 279-285	2.1	2
18	Rapid Manufacturing and Virtual Prototyping of Pre-surgery Aids. *IFMBE Proceedings*, **2019**, 399-403	0.2	2
17	Comparison of Manual Assembly Training Possibilities in Various Virtual Reality Systems. *Lecture Notes in Electrical Engineering*, **2019**, 398-404	0.2	2
16	Virtual Reality Training of Practical Skills in Industry on Example of Forklift Operation. *Lecture Notes in Electrical Engineering*, **2019**, 46-52	0.2	2
15	Modeling of Foundry Processes in the Era of Industry 4.0. *Lecture Notes in Mechanical Engineering*, **2019**, 62-71	0.4	2
14	Use of Virtual Mirror in Design of Individualized Orthopedic Supplies. *Lecture Notes in Mechanical Engineering*, **2022**, 388-394	0.4	2
13	Study on Properties of Automatically Designed 3D-Printed Customized Prosthetic Sockets. *Materials*, **2021**, 14,	3.5	2
12	Study of Interaction Methods in Virtual Electrician Training. *IEEE Access*, **2021**, 9, 118242-118252	3.5	2
11	Virtual Reality System for Learning and Selection of Quality Management Tools. *Advances in Intelligent Systems and Computing*, **2018**, 264-274	0.4	1
10	Assessment of Mixed-Reality Devices for Production Engineering. *Lecture Notes in Mechanical Engineering*, **2022**, 472-483	0.4	1
9	Selection of Optimal Software for Immersive Virtual Reality Application of City Bus Configurator. *Advances in Intelligent Systems and Computing*, **2017**, 480-489	0.4	

8	Virtual Simulation of Machine Tools. *Lecture Notes in Mechanical Engineering*, **2019**, 127-136	0.4
7	Efficiency of Automatic Design in the Production Preparation Process for an Intelligent Factory. *Advances in Intelligent Systems and Computing*, **2019**, 543-552	0.4
6	Low-Cost 3D Printing in Innovative VR Training and Prototyping Solutions. *Advances in Intelligent Systems and Computing*, **2019**, 553-562	0.4
5	Development and Studies on a Virtual Reality Configuration Tool for City Bus Driver Workplace. *Advances in Intelligent Systems and Computing*, **2017**, 469-479	0.4
4	Readiness to Use Augmented Reality Solutions in Small and Medium Enterprises in Poland: A Survey. *Lecture Notes in Mechanical Engineering*, **2021**, 14-23	0.4
3	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	Design and Additive Manufacturing of an Individualized Specialized Leg Orthosis. *Lecture Notes in Mechanical Engineering*, **2022**, 31-44	0.4
1	Methodology of the Rapid Manufacturing of an Individualized Anatomical Model of the Tongue with a Tumor for the Preparation of an Organ Reconstruction Operation. *Lecture Notes in Mechanical Engineering*, **2022**, 45-58	0.4