

Filip Grski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Assessment of Mixed-Reality Devices for Production Engineering. <i>Lecture Notes in Mechanical Engineering</i> , 2022 , 472-483	0.4	1
60	Use of Virtual Mirror in Design of Individualized Orthopedic Supplies. <i>Lecture Notes in Mechanical Engineering</i> , 2022 , 388-394	0.4	2
59	Evaluation of a Prototype System of Automated Design and Rapid Manufacturing of Orthopaedic Supplies. <i>Lecture Notes in Mechanical Engineering</i> , 2022 , 1-15	0.4	
58	Design and Additive Manufacturing of an Individualized Specialized Leg Orthosis. <i>Lecture Notes in Mechanical Engineering</i> , 2022 , 31-44	0.4	
57	Methodology of the Rapid Manufacturing of an Individualized Anatomical Model of the Tongue with a Tumor for the Preparation of an Organ Reconstruction Operation. <i>Lecture Notes in Mechanical Engineering</i> , 2022 , 45-58	0.4	
56	Readiness to Use Augmented Reality Solutions in Small and Medium Enterprises in Poland: A Survey. <i>Lecture Notes in Mechanical Engineering</i> , 2021 , 14-23	0.4	
55	Study on Properties of Automatically Designed 3D-Printed Customized Prosthetic Sockets. <i>Materials</i> , 2021 , 14,	3.5	2
54	ABS filament moisture compensation possibilities in the FDM process. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2021 , 35, 550-559	3.4	3
53	Study of Interaction Methods in Virtual Electrician Training. <i>IEEE Access</i> , 2021 , 9, 118242-118252	3.5	2
52	Environmental Impact of Additive Manufacturing for Individual Supplies. <i>Lecture Notes in Mechanical Engineering</i> , 2021 , 384-393	0.4	3
51	Automated Design of Customized 3D-Printed Wrist Orthoses on the Basis of 3D Scanning. <i>Mechanisms and Machine Science</i> , 2020 , 1133-1143	0.3	4
50	Determination of the Elasticity Modulus of Additively Manufactured Wrist Hand Orthoses. <i>Materials</i> , 2020 , 13,	3.5	5
49	Employee Training in an Intelligent Factory Using Virtual Reality. <i>IEEE Access</i> , 2020 , 8, 135110-135117	3.5	6
48	Experimental Studies on 3D Printing of Automatically Designed Customized Wrist-Hand Orthoses. <i>Materials</i> , 2020 , 13,	3.5	16
47	Virtual Simulation of Machine Tools. <i>Lecture Notes in Mechanical Engineering</i> , 2019 , 127-136	0.4	
46	Knowledge Management in Open Industrial Virtual Reality Applications. <i>Lecture Notes in Mechanical Engineering</i> , 2019 , 104-118	0.4	3
45	Cyber Sickness in Industrial Virtual Reality Training. <i>Lecture Notes in Mechanical Engineering</i> , 2019 , 137-149	0.4	3

44	Application of Low-Cost 3D Printing for Production of CT-Based Individual Surgery Supplies. <i>IFMBE Proceedings</i> , 2019 , 249-253	0.2	2
43	Methodology of Low Cost Rapid Manufacturing of Anatomical Models with Material Imitation of Soft Tissues. <i>Advances in Science and Technology Research Journal</i> , 2019 , 13, 120-128	2.1	5
42	Prototyping of an Individualized Multi-Material Wrist Orthosis using Fused Deposition Modelling. <i>Advances in Science and Technology Research Journal</i> , 2019 , 13, 39-47	2.1	7
41	Rapid Manufacturing and Virtual Prototyping of Pre-surgery Aids. <i>IFMBE Proceedings</i> , 2019 , 399-403	0.2	2
40	Efficiency of Automatic Design in the Production Preparation Process for an Intelligent Factory. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 543-552	0.4	
39	Low-Cost 3D Printing in Innovative VR Training and Prototyping Solutions. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 553-562	0.4	
38	Comparison of Manual Assembly Training Possibilities in Various Virtual Reality Systems. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 398-404	0.2	2
37	Virtual Reality Training of Practical Skills in Industry on Example of Forklift Operation. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 46-52	0.2	2
36	Modeling of Foundry Processes in the Era of Industry 4.0. <i>Lecture Notes in Mechanical Engineering</i> , 2019 , 62-71	0.4	2
35	Virtual Reality Training Application of Medical Procedure. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 49-58	0.2	2
34	Virtual Reality System for Learning and Selection of Quality Management Tools. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 264-274	0.4	1
33	Augmented Reality in Training of Fused Deposition Modelling Process. <i>Lecture Notes in Mechanical Engineering</i> , 2018 , 565-574	0.4	4
32	Virtual Reality Production Training System in the Scope of Intelligent Factory. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 450-458	0.4	12
31	Virtual reality training of hard and soft skills in production 2018 ,		2
30	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	2.1	3
29	Virtual Reality and CAD Systems Integration for Quick Product Variant Design. <i>Lecture Notes in Mechanical Engineering</i> , 2018 , 599-608	0.4	3
28	Examination of Effectiveness of a Performed Procedural Task Using Low-Cost Peripheral Devices in VR. <i>Lecture Notes in Computer Science</i> , 2018 , 403-415	0.9	3
27	Mechanical properties of composite parts manufactured in FDM technology. <i>Rapid Prototyping Journal</i> , 2018 , 24, 1281-1287	3.8	5

26	Use of Delta Robot as an Active Touch Device in Immersive Case Scenarios. <i>Procedia Computer Science</i> , 2017 , 104, 485-492	1.6	2
25	Low Cost Devices Used in Virtual Reality Exposure Therapy. <i>Procedia Computer Science</i> , 2017 , 104, 445-456	1.6	20
24	Selection of Optimal Software for Immersive Virtual Reality Application of City Bus Configurator. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 480-489	0.4	
23	Building Virtual Reality Applications for Engineering with Knowledge-Based Approach. <i>Management and Production Engineering Review</i> , 2017 , 8, 64-73		9
22	Prototyping of Cosmetic Prosthesis of Upper Limb Using Additive Manufacturing Technologies. <i>Advances in Science and Technology Research Journal</i> , 2017 , 11, 102-108	2.1	4
21	INFLUENCE OF POST-PROCESSING ON ACCURACY OF FDM PRODUCTS. <i>Advances in Science and Technology Research Journal</i> , 2017 , 11, 172-179	2.1	9
20	Prototyping of Individual Ankle Orthosis Using Additive Manufacturing Technologies. <i>Advances in Science and Technology Research Journal</i> , 2017 , 11, 283-288	2.1	6
19	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	2.1	2
18	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	0.4	
17	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	0.4	6
16	Possibilities and Determinants of Using Low-Cost Devices in Virtual Education Applications. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2016 , 13,	1.6	4
15	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,	1.6	17
14	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	0.4	13
13	Immersive Educational Simulation of Medical Ultrasound Examination. <i>Procedia Computer Science</i> , 2015 , 75, 186-194	1.6	10
12	Application of Professional and Low-cost Head Mounted Devices in Immersive Educational Application. <i>Procedia Computer Science</i> , 2015 , 75, 173-181	1.6	11
11	Immersive City Bus Configuration System for Marketing and Sales Education. <i>Procedia Computer Science</i> , 2015 , 75, 137-146	1.6	24
10	Application of Low-cost Tracking Systems in Educational Training Applications. <i>Procedia Computer Science</i> , 2015 , 75, 398-407	1.6	4
9	Immersive and Haptic Educational Simulations of Assembly Workplace Conditions. <i>Procedia Computer Science</i> , 2015 , 75, 359-368	1.6	36

8	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	1.6	22
7	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	2.1	2
6	Application of Virtual Reality Techniques in Design of Ergonomic Manufacturing Workplaces. <i>Procedia Computer Science</i> , 2013 , 25, 289-301	1.6	61
5	Virtual 3D Atlas of a Human Body [Development of an Educational Medical Software Application. <i>Procedia Computer Science</i> , 2013 , 25, 302-314	1.6	28
4	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	2.1	42
3	Utilization of Advanced Simulation Methods for Solving of Assembly Processes Automation Partial Tasks. <i>Manufacturing Technology</i> , 2013 , 13, 478-486	0.7	8
2	STRENGTH OF ABS PARTS PRODUCED BY FUSED DEPOSITION MODELLING TECHNOLOGY [A CRITICAL ORIENTATION PROBLEM. <i>Advances in Science and Technology Research Journal</i> , 2013 , 9, 12-19	2.1	29
1	APPLICATION OF ADDITIVELY MANUFACTURED POLYMER COMPOSITE PROTOTYPES IN FOUNDRY. <i>Advances in Science and Technology Research Journal</i> , 2013 , 9, 20-27	2.1	7