

Marek Pagac

List of Publications by Year in descending order

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papers

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759233

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all docs

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docs citations

40
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	On flexural properties of additive manufactured composites: Experimental, and numerical study. Composites Science and Technology, 2022, 218, 109182.	7.8	23
2	Cyclic plasticity of additively manufactured metals. , 2022, , 397-433.		5
3	Biomechanical Analysis of Staples for Epiphysiodesis. Applied Sciences (Switzerland), 2022, 12, 614.	2.5	5
4	Microstructural and Mechanical Properties of Novel Co-Free Maraging Steel M789 Prepared by Additive Manufacturing. Materials, 2022, 15, 1734.	2.9	10
5	Effect of Additives and Print Orientation on the Properties of Laser Sintering-Printed Polyamide 12 Components. Polymers, 2022, 14, 1172.	4.5	16
6	Comparative study by life cycle assessment of an air ejector and orifice plate for experimental measuring stand manufactured by conventional manufacturing and additive manufacturing. Sustainable Materials and Technologies, 2022, 32, e00431.	3.3	1
7	Evaluation of Ultrasonically ZnO Loading Effect on Photocatalytic Self-Cleaning, UV Protection and Antibacterial Activity of Plasma/Citric Acid-Activated Cotton Fabric. Nanomaterials, 2022, 12, 2122.	4.1	5
8	A Review of Vat Photopolymerization Technology: Materials, Applications, Challenges, and Future Trends of 3D Printing. Polymers, 2021, 13, 598.	4.5	318
9	Prediction of Model Distortion by FEM in 3D Printing via the Selective Laser Melting of Stainless Steel AISI 316L. Applied Sciences (Switzerland), 2021, 11, 1656.	2.5	25
10	Abrasive Surface Finishing on SLM 316L Parts Fabricated with Recycled Powder. Applied Sciences (Switzerland), 2021, 11, 2869.	2.5	18
11	Effects of equal channel angular pressing and heat treatments on the microstructures and mechanical properties of selective laser melted and cast AlSi10Mg alloys. Archives of Civil and Mechanical Engineering, 2021, 21, 1.	3.8	16
12	OPTIMIZING A QUADRUPEL ROBOT: A COMPARISON OF TWO METHODS. MM Science Journal, 2021, 2021, 4348-4355.	0.4	3
13	Laser Beam Drilling of Inconel 718 and Its Effect on Mechanical Properties Determined by Static Uniaxial Tensile Testing at Room and Elevated Temperatures. Materials, 2021, 14, 3052.	2.9	3
14	Comprehensive View of Topological Optimization Scooter Frame Design and Manufacturing. Symmetry, 2021, 13, 1201.	2.2	11
15	3D Printed Hollow Off-Axis Profiles Based on Carbon Fiber-Reinforced Polymers: Mechanical Testing and Finite Element Method Analysis. Polymers, 2021, 13, 2949.	4.5	13
16	Monotonic Tension-Torsion Experiments and FE Modeling on Notched Specimens Produced by SLM Technology from SS316L. Materials, 2021, 14, 33.	2.9	16
17	Microstructural Evolution, Hardness, and Strengthening Mechanisms in SLM AlSi10Mg Alloy Subjected to Equal-Channel Angular Pressing (ECAP). Materials, 2021, 14, 7598.	2.9	17
18	Selective Laser Melting of 18NI-300 Maraging Steel. Materials, 2020, 13, 4268.	2.9	25

#	ARTICLE	IF	CITATIONS
19	Analysis of Welded Joint Properties on an AISI316L Stainless Steel Tube Manufactured by SLM Technology. <i>Materials</i> , 2020, 13, 4362.	2.9	9
20	Effect of Hot Isostatic Pressing on Porosity and Mechanical Properties of 316 L Stainless Steel Prepared by the Selective Laser Melting Method. <i>Materials</i> , 2020, 13, 4377.	2.9	26
21	Hot Deformation Treatment of Grain-Modified Mg-Li Alloy. <i>Materials</i> , 2020, 13, 4557.	2.9	5
22	3D printed polyurethane exhibits isotropic elastic behavior despite its anisotropic surface. <i>Rapid Prototyping Journal</i> , 2020, 26, 1371-1378.	3.2	6
23	Design Procedure of a Topologically Optimized Scooter Frame Part. <i>Symmetry</i> , 2020, 12, 755.	2.2	11
24	Complex Corrosion Properties of AISI 316L Steel Prepared by 3D Printing Technology for Possible Implant Applications. <i>Materials</i> , 2020, 13, 1527.	2.9	25
25	Influence of Scanning Strategy Parameters on Residual Stress in the SLM Process According to the Bridge Curvature Method for AISI 316L Stainless Steel. <i>Materials</i> , 2020, 13, 1659.	2.9	46
26	Experimental Investigation of Cutting Forces in High-Feed Milling of Titanium Alloy. <i>Advances in Science and Technology Research Journal</i> , 2020, 14, 89-95.	0.8	3
27	Influence of Coolant Pressure Size on Surface Roughness when Stainless Steel Machining. <i>MATEC Web of Conferences</i> , 2019, 299, 04002.	0.2	2
28	The Use of Technology Local Heating by Laser for Turning of Difficult to Machine Materials. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 290-298.	0.4	1
29	INFLUENCE OF BASIC PROCESS PARAMETERS ON MECHANICAL AND INTERNAL PROPERTIES OF 316L STEEL IN SLM PROCESS FOR RENISHAW AM400. <i>MM Science Journal</i> , 2019, 2019, 2790-2794.	0.4	12
30	TOPOLOGICAL OPTIMIZATION OF THE FORMULA STUDENT BELL CRANK. <i>MM Science Journal</i> , 2019, 2019, 2964-2968.	0.4	10
31	Ratcheting Behaviour of 3D Printed and Conventionally Produced SS316L Material. , 2019, , .		3
32	Stiffness of 316L stainless steel support structures proposed for the SLM process. <i>MATEC Web of Conferences</i> , 2018, 244, 01008.	0.2	6
33	THE EFFECTIVENESS OF STRATEGIES PRINTING PRINTER EASY 3D MAKER. <i>Advances in Science and Technology Research Journal</i> , 2018, 12, 197-205.	0.8	4
34	Complex View to Racing Car Upright Design and Manufacturing. <i>Manufacturing Technology</i> , 2018, 18, 449-456.	1.4	6
35	Detection of grinding burn through the high and low frequency Barkhausen noise. <i>Tehnicki Vjesnik</i> , 2017, 24, .	0.2	2
36	EFFECT OF CHIP BREAKERS ON THE CUTTING FORCE DURING THE MACHINING OF STEEL C45. <i>Advances in Science and Technology Research Journal</i> , 2017, 11, 173-178.	0.8	0

#	ARTICLE	IF	CITATIONS
37	IMPACT OF CUTTING TOOL GEOMETRY ON THE DYNAMIC LOAD OF SYSTEM IN THE MACHINING PROCESS OF NICKEL ALLOY 625. Advances in Science and Technology Research Journal, 2016, 10, 24-31.	0.8	1
38	MECHANISMS OF CUTTING BLADE WEAR AND THEIR INFLUENCE ON CUTTING ABILITY OF THE TOOL DURING MACHINING OF SPECIAL ALLOYS. Advances in Science and Technology Research Journal, 2016, 10, 144-150.	0.8	8
39	Comparison of Hardness of Surface 316L Stainless Steel Made by Additive Technology and Cold Rolling. Materials Science Forum, 0, 919, 84-91.	0.3	5
40	Design and Selective Laser Melting Manufacturing of TPE Extrusion Die. Solid State Phenomena, 0, 308, 51-63.	0.3	0