

Guiwei Li

List of Publications by Year in descending order

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19
papers

962
citations

1039880

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794469

19
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all docs

19
docs citations

19
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Layer Thickness and Raster Angle on the Mechanical Properties of 3D-Printed PEEK and a Comparative Mechanical Study between PEEK and ABS. <i>Materials</i> , 2015, 8, 5834-5846.	1.3	610
2	Effect of Thermal Processing and Heat Treatment Condition on 3D Printing PPS Properties. <i>Polymers</i> , 2018, 10, 875.	2.0	63
3	Radial Compressive Property and the Proof-of-Concept Study for Realizing Self-expansion of 3D Printing Polylactic Acid Vascular Stents with Negative Poisson's Ratio Structure. <i>Materials</i> , 2018, 11, 1357.	1.3	43
4	Effect of Ultrasonic Vibration on Mechanical Properties of 3D Printing Non-Crystalline and Semi-Crystalline Polymers. <i>Materials</i> , 2018, 11, 826.	1.3	38
5	3D printing of thermoplastic PI and interlayer bonding evaluation. <i>Materials Letters</i> , 2018, 229, 206-209.	1.3	33
6	Improving bending and dynamic mechanics performance of 3D printing through ultrasonic strengthening. <i>Materials Letters</i> , 2018, 220, 317-320.	1.3	31
7	Ultrasonic additive manufacturing of bulk Ni-based metallic glass. <i>Journal of Non-Crystalline Solids</i> , 2019, 506, 1-5.	1.5	31
8	Ultrasonic strengthening improves tensile mechanical performance of fused deposition modeling 3D printing. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 2747-2755.	1.5	29
9	Effects of Printing Parameters on the Mechanical Properties of High-Performance Polyphenylene Sulfide Three-Dimensional Printing. <i>3D Printing and Additive Manufacturing</i> , 2021, 8, 33-41.	1.4	15
10	Study of printing parameters of pneumatic-injection 3D printing of Fe-based metallic glass. <i>Journal of Non-Crystalline Solids</i> , 2018, 489, 50-56.	1.5	9
11	Experiments on the Ultrasonic Bonding Additive Manufacturing of Metallic Glass and Crystalline Metal Composite. <i>Materials</i> , 2019, 12, 2975.	1.3	9
12	Influence of Thermal Processing Conditions on Mechanical and Material Properties of 3D Printed Thin-Structures Using PEEK Material. <i>International Journal of Precision Engineering and Manufacturing</i> , 2022, 23, 689-699.	1.1	9
13	Printing parameters and strengthening mechanism of pneumatic injection additive manufacturing with iron powder slurry. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 3809-3817.	1.5	8
14	Preparation and performance evaluation of silica gel/tricalcium silicate composite slurry for 3D printing. <i>Journal of Non-Crystalline Solids</i> , 2019, 503-504, 334-339.	1.5	8
15	Influence Mechanism of Ultrasonic Vibration Substrate on Strengthening the Mechanical Properties of Fused Deposition Modeling. <i>Polymers</i> , 2022, 14, 904.	2.0	8
16	Programmable 4D Printing of Bioinspired Solvent-Driven Morphing Composites. <i>Advanced Materials Technologies</i> , 2021, 6, 2001289.	3.0	6
17	Optimization of Sintering Time and Holding Time for 3D Printing of Fe-Based Metallic Glasses. <i>Metals</i> , 2018, 8, 429.	1.0	4
18	Bio-Inspired 4D Printing of Dynamic Spider Silks. <i>Polymers</i> , 2022, 14, 2069.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Hybrid Additive Manufacturing of Fused Filament Fabrication and Ultrasonic Consolidation. <i>Polymers</i> , 2022, 14, 2385.	2.0	4