

Xiaofeng

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.

21
papers

442
citations

9
h-index

21
g-index

21
ext. papers

565
ext. citations

4.7
avg, IF

4.26
L-index

#	Paper	IF	Citations
21	Precipitation behavior and properties of $Al_3O_5Si_0.5X$ ($X = Sc, La, Nb$) alloys. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 7380-7395	2.1	
20	Principles of Dispersing Powders for 3D Printing. <i>Colloids and Interfaces</i> , 2021 , 5, 25	3	2
19	Effect of Grp on Microstructure and Properties of SiCp/Al Composites for Brake Discs. <i>Tribology Transactions</i> , 2021 , 64, 873-882	1.8	2
18	Effects of Cu and Mg alloying on the microstructure and properties of $Al_{92}Si_8$ alloy prepared by spray forming. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 5416-5424	2.1	3
17	High-Complexity WO_3 -Based Catalyst with Multi-Catalytic Species via 3D Printing. <i>Catalysts</i> , 2020 , 10, 840	4	8
16	The preparation of MgO nanopowders synthesized an improved polyacrylamide gel method.. <i>RSC Advances</i> , 2019 , 9, 14893-14898	3.7	7
15	Effect of minor scandium addition on the microstructure and properties of Al_3O_5Si alloys for electronic packaging. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 20770-20777	2.1	4
14	MoO_2/C hollow nanospheres synthesized by solvothermal method as anode material for lithium-ion batteries. <i>Ionics</i> , 2019 , 25, 437-445	2.7	15
13	Novel Materials for 3D Printing by Photopolymerization. <i>Advanced Materials</i> , 2018 , 30, e1706344	24	225
12	Hybrid Materials for Functional 3D Printing. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800996	4.6	24
11	Direct ink writing of zirconia three-dimensional structures. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5867-5871	4.2	
10	Synthesis of Ag/TiO ₂ core-shell nanowires with enhanced stability of photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 10715-10719	2.1	6
9	Phase Behavior of Polyelectrolyte Complexes and Rheological Behavior of Alumina suspensions for Direct Ink Writing. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 1902-1910	3.8	12
8	A Biomimetic Synthesis Process for Sr ²⁺ , HPO ₄ ²⁻ and CO ₃ ²⁻ Substituted Nanohydroxyapatite. <i>Materials and Manufacturing Processes</i> , 2016 , 31, 217-222	4.1	5
7	Polymerization and Rheological Behavior of the Thermoresponsive Gelcasting System Based on N-isopropylacrylamide. <i>International Journal of Applied Ceramic Technology</i> , 2016 , 13, 966-972	2	3
6	Postcasting Contraction: Improving the Density of Gelcast Nanoparticle Green Bodies with Heated Liquid Desiccants. <i>Journal of the American Ceramic Society</i> , 2015 , 98, 1706-1710	3.8	7
5	Transitional Suspensions Containing Thermosensitive Dispersant for Three-Dimensional Printing. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26131-6	9.5	41

4	Growth of BeO Nanograins Synthesized by Polyacrylamide Gel Route. <i>Journal of Materials Science and Technology</i> , 2011 , 27, 147-152	9.1	14
3	Thermoresponsive Gelcasting: Improved Drying of Gelcast Bodies. <i>Journal of the American Ceramic Society</i> , 2011 , 94, 1679-1682	3.8	13
2	Polyacrylamide gel method: synthesis and property of BeO nanopowders. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 57, 115-127	2.3	9
1	Hot Deformation Characteristics and Microstructure Evolution of SiCp/Al2014 Composite Fabricated by Powder Metallurgy. <i>Journal of Materials Engineering and Performance</i> ,1	1.6	0