

Xiaofeng

List of Publications by Year in descending order

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21
papers

687
citations

933264

10
h-index

713332

21
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21
all docs

21
docs citations

21
times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Materials for 3D Printing by Photopolymerization. <i>Advanced Materials</i> , 2018, 30, e1706344.	11.1	367
2	Transitional Suspensions Containing Thermosensitive Dispersant for Three-Dimensional Printing. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26131-26136.	4.0	54
3	Direct ink writing of zirconia three-dimensional structures. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5867-5871.	2.7	54
4	Hybrid Materials for Functional 3D Printing. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800996.	1.9	42
5	MoO ₂ /C hollow nanospheres synthesized by solvothermal method as anode material for lithium-ion batteries. <i>Ionics</i> , 2019, 25, 437-445.	1.2	26
6	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.	1.9	21
7	Growth of BeO Nanograins Synthesized by Polyacrylamide Gel Route. <i>Journal of Materials Science and Technology</i> , 2011, 27, 147-152.	5.6	16
8	High-Complexity WO ₃ -Based Catalyst with Multi-Catalytic Species via 3D Printing. <i>Catalysts</i> , 2020, 10, 840.	1.6	16
9	Thermoresponsive Gelcasting: Improved Drying of Gelcast Bodies. <i>Journal of the American Ceramic Society</i> , 2011, 94, 1679-1682.	1.9	14
10	Polyacrylamide gel method: synthesis and property of BeO nanopowders. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 57, 115-127.	1.1	11
11	Effect of minor scandium addition on the microstructure and properties of Al-50Si alloys for electronic packaging. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20770-20777.	1.1	9
12	The preparation of MgO nanopowders synthesized via an improved polyacrylamide gel method. <i>RSC Advances</i> , 2019, 9, 14893-14898.	1.7	9
13	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.	1.9	8
14	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.	1.1	8
15	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.	2.7	6
16	Principles of Dispersing Powders for 3D Printing. <i>Colloids and Interfaces</i> , 2021, 5, 25.	0.9	6
17	Effect of Grp on Microstructure and Properties of SiCp/Al Composites for Brake Discs. <i>Tribology Transactions</i> , 2021, 64, 873-882.	1.1	6
18	Effects of Cu and Mg alloying on the microstructure and properties of Al-12Si alloy prepared by spray forming. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5416-5424.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Precipitation behavior and properties of Al-50Si-0.5X (X=Sc, La, Nb) alloys. Journal of Materials Science: Materials in Electronics, 2022, 33, 7380-7395.	1.1	4
20	Polymerization and Rheological Behavior of the Thermoresponsive Gelcasting System Based on N-isopropylacrylamide. International Journal of Applied Ceramic Technology, 2016, 13, 966-972.	1.1	3
21	Hot Deformation Characteristics and Microstructure Evolution of SiCp/Al2014 Composite Fabricated by Powder Metallurgy. Journal of Materials Engineering and Performance, 2022, 31, 221-229.	1.2	3