

Hongyi Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

270
citations

932766

10
h-index

940134

16
g-index

20
all docs

20
docs citations

20
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Low density and hydrophobic silica aerogels dried under ambient pressure using a new co-precursor method. <i>Journal of Non-Crystalline Solids</i> , 2016, 452, 187-193.	1.5	41
2	Near-zero-shrinkage Al ₂ O ₃ ceramic foams with coral-like and hollow-sphere structures via selective laser sintering and reaction bonding. <i>Journal of the European Ceramic Society</i> , 2021, 41, 239-246.	2.8	31
3	Afterglow phosphor materials Y ₂ O ₂ S: Eu, Mg, Ti doped with various Gd concentrations. <i>Journal of Alloys and Compounds</i> , 2010, 502, 180-183.	2.8	28
4	The effect of grain surface on the long afterglow properties of Sr ₂ MgSi ₂ O ₇ : Eu ²⁺ , Dy ³⁺ . <i>Materials Research Bulletin</i> , 2016, 76, 358-364.	2.7	23
5	A novel method for synthesizing well-defined boehmite hollow microspheres. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 660-668.	5.0	23
6	Porous Al ₂ O ₃ ceramics with spontaneously formed pores and enhanced strength prepared by indirect selective laser sintering combined with reaction bonding. <i>Ceramics International</i> , 2020, 46, 15159-15166.	2.3	23
7	A facile method to prepare cellulose whiskers/silica aerogel composites. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 83, 72-80.	1.1	22
8	Effect of Oxygen Vacancies on the Persistent Luminescence of Y ₃ Al ₂ Ga ₃ O ₁₂ :Ce ³⁺ , Yb ³⁺ Phosphors. <i>Inorganic Chemistry</i> , 2021, 60, 17797-17809.	1.9	15
9	Synthesis and characterization of a xonotlite fibers/silica aerogel composite by ambient pressure drying. <i>Journal of Porous Materials</i> , 2018, 25, 1417-1425.	1.3	12
10	Effect of cooling rate on the microstructure and luminescence properties of Sr ₂ MgSi ₂ O ₇ :Eu ²⁺ , Dy ³⁺ materials. <i>Luminescence</i> , 2017, 32, 1442-1447.	1.5	11
11	Synthesis of monolithic alumina-silica hollow microspheres and their heat-shielding performance for adiabatic materials. <i>Ceramics International</i> , 2018, 44, 1545-1555.	2.3	8
12	Preparation of SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ phosphors using propylene oxide as gel agent and its optical properties. <i>Materials Research Express</i> , 2018, 5, 016201.	0.8	6
13	Preparation and absorption/desorption performance of gypsum-based humidity controlling materials. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 684-686.	0.4	5
14	Effect of pulverising process on the luminescence properties of Sr ₂ MgSi ₂ O ₇ :Eu ²⁺ , Dy ³⁺ . <i>EPJ Applied Physics</i> , 2015, 71, 30503.	0.3	5
15	Interaction of rare earth ions in Sr ₂ MgSi ₂ O ₇ : Eu ²⁺ , Dy ³⁺ material. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 269-273.	0.4	5
16	Facile fabrication of SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ hollow microsphere by a chemical induction self-transformation process. <i>Ceramics International</i> , 2020, 46, 10807-10813.	2.3	5
17	Facile Preparation of Al ₂ O ₃ Hollow Microspheres Via a Urea-mediated Precipitation Process. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 579-586.	0.4	3
18	Effect of SiO ₂ and Al ₂ O ₃ on the luminescence properties of inorganic perovskite (CsPbBr ₃) quantum dot glass. <i>Journal of Non-Crystalline Solids</i> , 2021, 568, 120956.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Influence of Li ₂ O Addition on the Performance of Vitrified Bond and Vitrified Diamond Composites. Journal Wuhan University of Technology, Materials Science Edition, 2020, 35, 699-705.	0.4	1
20	A facile procedure for the synthesis of urchin-like Al ₂ O ₃ :Eu ³⁺ hollow microsphere. Materials Letters, 2019, 251, 37-40.	1.3	0