

Ying Shi

List of Publications by Year in descending order

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26
papers

396
citations

840776

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docs citations

26
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of textured cerium-doped lutetium oxyorthosilicate ceramics by slip casting in a strong magnetic field. <i>Journal of the American Ceramic Society</i> , 2022, 105, 5102-5113.	3.8	1
2	Optimizing Hydrolysis Resistance and Dispersion Characteristics via Surface Modification of Aluminum Nitride Powder Coated with PVP-b-P(St-alt-ITA) Copolymer. <i>Molecules</i> , 2022, 27, 2457.	3.8	0
3	Crystallization and Morphology of Pb _{0.92} La _{0.08} (Zr _{0.68} Ti _{0.32}) _{0.98} O ₃ Powders Synthesized Using the Gel-Hydrothermal Process. <i>Crystal Research and Technology</i> , 2021, 56, 2100053.	1.3	1
4	Preparation of Quaternary Amphiphilic Block Copolymer PMA-b-P (NVP/MAH/St) and Its Application in Surface Modification of Aluminum Nitride Powders. <i>Molecules</i> , 2021, 26, 5884.	3.8	0
5	Optimization of non-aqueous tape casting of high solid loading slurry for aluminum nitride ceramic substrates. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 285-295.	2.1	10
6	Reduced graphene oxide-modified biochar electrodes via electrophoretic deposition with high rate capability for supercapacitors. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 407-420.	2.9	20
7	Multi-Scale Model for Describing the Effect of Pore Structure on Carbon-Based Electric Double Layer. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3952-3961.	3.1	20
8	Formation of twins in AlON material and its effects on the Vickers hardness and fracture toughness. <i>Ceramics International</i> , 2019, 45, 21127-21135.	4.8	13
9	Characterization of micro-mechanical properties of AlON ceramic by cantilever bending test. <i>Journal of the American Ceramic Society</i> , 2019, 102, 6433-6438.	3.8	3
10	Low temperature pressureless sintering of silicon nitride ceramics for circuit substrates in powder electronic devices. <i>Ceramics International</i> , 2018, 44, 4375-4380.	4.8	21
11	Efficient Deep-Blue Electrofluorescence with an External Quantum Efficiency Beyond 10%. <i>IScience</i> , 2018, 9, 532-541.	4.1	65
12	Extremely low-efficiency roll-off of phosphorescent organic light-emitting diodes at high brightness based on acridine heterocyclic derivatives. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9713-9722.	5.5	13
13	Molten salt synthesis of color-tunable and single-component NaY(WO ₄) ₂ :Eu ³⁺ phosphor for UV LEDs. <i>Journal of Materials Research</i> , 2017, 32, 1548-1554.	2.7	3
14	Optimization of the tape casting process for the development of high performance silicon nitride substrate. <i>International Journal of Applied Ceramic Technology</i> , 2017, 14, 712-718.	2.1	11
15	Effects of Air Annealing on Luminescent Properties of Cerium-Doped Lutetium Oxyorthosilicate Scintillation Ceramics. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 480-485.	2.0	7
16	Local structures of Lu atoms in a core-shell approach for synthesis of Lu ₂ SiO ₅ phase. <i>Chemical Physics Letters</i> , 2016, 644, 41-44.	2.6	7
17	Fluoride removal from water using high-activity aluminum hydroxide prepared by the ultrasonic method. <i>RSC Advances</i> , 2015, 5, 84223-84231.	3.6	33
18	Consolidation of translucent Ce ³⁺ -doped Lu ₂ SiO ₅ scintillation ceramics by pressureless sintering. <i>Journal of Materials Research</i> , 2014, 29, 2252-2259.	2.6	9

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19	Study on the stability of modified colloidal silica with polymer in aqueous environment. Colloid and Polymer Science, 2014, 292, 267-273.	2.1	13
20	Lower temperature synthesis of cerium-doped polycrystalline lutetium pyrosilicate powders by a novel sol-gel processing. Science China Technological Sciences, 2014, 57, 1610-1615.	4.0	12
21	Determination of trace heavy metals in environmental and biological samples by solution cathode glow discharge-atomic emission spectrometry and addition of ionic surfactants for improved sensitivity. Talanta, 2014, 119, 613-619.	5.5	79
22	Fabrication, Microstructure, and Luminescent Properties of Ce^{3+} -Doped $\text{Lu}_3\text{Al}_5\text{O}_{12}$ ($\text{Ce}:\text{LuAG}$) Transparent Ceramics by Low-Temperature Vacuum Sintering. Journal of the American Ceramic Society, 2013, 96, 1930-1936.	4.8	12
23	Preparation and photovoltaic properties of N-doped TiO_2 nanocrystals in vacuum. Journal of Materials Research, 2013, 28, 468-474.	2.6	2
24	Hydrothermal route to Eu doped $\text{LuO}(\text{OH})$ and Lu_2O_3 nanorods. Science China Technological Sciences, 2010, 53, 1576-1582.	4.0	5
25	Spectral properties and thermoluminescence of codoped $\text{PbWO}_4:(\text{Mo},\text{Y})$ and $\text{PbWO}_4:(\text{F},\text{Y})$ crystals. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 121-125.	1.8	2
26	Investigation of interfacial properties of Cu/AlN composite ceramic substrates derived from copper paste containing $\text{TeO}_2\text{-V}_2\text{O}_5\text{-CuO}$ glass frit. Journal of Materials Science: Materials in Electronics, 0, ..	2.2	0