

Ying Shi

List of Publications by Year in descending order

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26
papers

396
citations

840776

11
h-index

752698

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all docs

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docs citations

26
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Talanta</i> , 2014, 119, 613-619.	5.5	79
2	Efficient Deep-Blue Electrofluorescence with an External Quantum Efficiency Beyond 10%. <i>IScience</i> , 2018, 9, 532-541.	4.1	65
3	Fabrication, Microstructure, and Luminescent Properties of Ce^{3+} -Doped $\text{Lu}_3\text{Al}_5\text{O}_{12}$ ($\text{Lu}_3\text{Al}_5\text{O}_{12}:\text{Ce}$) Transparent Ceramics by Low-Temperature Vacuum Sintering. <i>Journal of the American Ceramic Society</i> , 2013, 96, 1930-1936.	3.6	33
4	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
5	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
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	Study on the stability of modified colloidal silica with polymer in aqueous environment. <i>Colloid and Polymer Science</i> , 2014, 292, 267-273.	2.1	13
9	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
10	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
11	Lower temperature synthesis of cerium-doped polycrystalline lutetium pyrosilicate powders by a novel sol-gel processing. <i>Science China Technological Sciences</i> , 2014, 57, 1610-1615.	4.0	12
12	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
13	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
14	Consolidation of translucent Ce^{3+} -doped $\text{Lu}_2\text{Si}_5\text{O}_{15}$ scintillation ceramics by pressureless sintering. <i>Journal of Materials Research</i> , 2014, 29, 2252-2259.	2.6	9
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 $\text{Lu}_2\text{Si}_5\text{O}_{15}$ phase. <i>Chemical Physics Letters</i> , 2016, 644, 41-44.	2.6	7
17	Hydrothermal route to Eu doped $\text{LuO}(\text{OH})$ and Lu_2O_3 nanorods. <i>Science China Technological Sciences</i> , 2010, 53, 1576-1582.	4.0	5
18	Molten salt synthesis of color-tunable and single-component $\text{NaY}(\text{WO}_4)_2:\text{Eu}^{3+}$ phosphor for UV LEDs. <i>Journal of Materials Research</i> , 2017, 32, 1548-1554.	2.7	4

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19	Characterization of micro-mechanical properties of ALON ceramic by cantilever bending test. Journal of the American Ceramic Society, 2019, 102, 6433-6438.	3.8	3
20	Spectral properties and thermoluminescence of codoped PbWO ₄ :(Mo,Y) and PbWO ₄ :(F,Y) crystals. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 121-125.	1.8	2
21	Preparation and photovoltaic properties of N-doped TiO ₂ nanocrystals in vacuum. Journal of Materials Research, 2013, 28, 468-474.	2.6	2
22	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. Crystal Research and Technology, 2021, 56, 2100053.	1.3	1
23	Fabrication of textured cerium-doped lutetium oxyorthosilicate ceramics by slip casting in a strong magnetic field. Journal of the American Ceramic Society, 2022, 105, 5102-5113.	3.8	1
24	Preparation of Quaternary Amphiphilic Block Copolymer PMA-b-P (NVP/MAH/St) and Its Application in Surface Modification of Aluminum Nitride Powders. Molecules, 2021, 26, 5884.	3.8	0
25	Optimizing Hydrolysis Resistance and Dispersion Characteristics via Surface Modification of Aluminum Nitride Powder Coated with PVP-b-P(St-alt-ITA) Copolymer. Molecules, 2022, 27, 2457.	3.8	0
26	Investigation of interfacial properties of Cu/AlN composite ceramic substrates derived from copper paste containing TeO ₂ -V ₂ O ₅ -CuO glass frit. Journal of Materials Science: Materials in Electronics, 0, , .	2.2	0