

Minglei Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,169
citations

471061

17
h-index

476904

29
g-index

31
all docs

31
docs citations

31
times ranked

1645
citing authors

#	ARTICLE	IF	CITATIONS
1	BiPO ₄ :Ln ³⁺ (Ln = Eu, Tb, Eu/Tb) nanorods: Room-temperature synthesis, reaction mechanism, and color-tunable emission. <i>Journal of Alloys and Compounds</i> , 2022, 893, 162314.	2.8	7
2	Effect of calcination temperature on the microstructure and optical properties of monodispersed self-assembled yttrium orthovanadate microspheres. <i>Journal of Luminescence</i> , 2021, 234, 117990.	1.5	5
3	Microstructural, crystallographic, and luminescent analysis after grinding high-temperature monoclinic bismuth phosphate. <i>Journal of Luminescence</i> , 2020, 225, 117345.	1.5	1
4	Remarkable Improvement in Photocatalytic Performance for Tannery Wastewater Processing via SnS ₂ Modified with N-Doped Carbon Quantum Dots: Synthesis, Characterization, and 4-Nitrophenol-Aided Cr(VI) Photoreduction. <i>Small</i> , 2019, 15, e1804515.	5.2	44
5	A facile strategy to prepare YVO ₄ :Eu ³⁺ colloid with novel nanostructure for enhanced optical performance. <i>Applied Surface Science</i> , 2019, 473, 885-892.	3.1	14
6	Making yttrium orthovanadate a better color emission host: Case study of hollow-like nanocrystals. <i>Journal of Luminescence</i> , 2019, 205, 548-554.	1.5	9
7	New synthetic strategies for luminescent YVO ₄ :Ln ³⁺ (Ln = Pr, Sm, Eu, Tb, Dy.) <i>TJ ETQq1</i> 1.6 0.784314 21 rgBT /Qv	1.6	21
8	Antibacterial and bioactive coatings on titanium implant surfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2218-2227.	2.1	77
9	Non-rare earth containing BCNO phosphors: Chemical activation for LED application. <i>Journal of Luminescence</i> , 2017, 192, 428-435.	1.5	6
10	Advances of solution chemistry in stabilizing different crystal phases of inorganic nano-compounds. <i>CrystEngComm</i> , 2016, 18, 9209-9222.	1.3	12
11	Enhancement of thermal stability in bismuth phosphate by Ln ³⁺ doping for tailored luminescence properties. <i>CrystEngComm</i> , 2014, 16, 5040.	1.3	10
12	Is there lattice contraction in multicomponent metal oxides? Case study for GdVO ₄ :Eu ³⁺ nanoparticles. <i>Nanotechnology</i> , 2013, 24, 305701.	1.3	11
13	Lattice defect quenching effects on luminescence properties of Eu ³⁺ -doped YVO ₄ nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	8
14	Is BiPO ₄ a Better Luminescent Host? Case Study on Doping and Annealing Effects. <i>Inorganic Chemistry</i> , 2013, 52, 807-815.	1.9	77
15	Exploring the unique electrical properties of metastable BiPO ₄ through switchable phase transitions. <i>CrystEngComm</i> , 2013, 15, 609-615.	1.3	27
16	A facile strategy to fabricate large-scale uniform brookite TiO ₂ nanospindles with high thermal stability and superior electrical properties. <i>Chemical Communications</i> , 2013, 49, 7046.	2.2	38
17	Intrinsic Reason for the Morphology Dependence of Luminescent Behavior: A Case Study with GdVO ₄ :Eu ³⁺ Nanocrystals. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5999-6008.	1.0	7
18	Nanophosphors Eu ³⁺ /Sm ³⁺ -Doped BiPO ₄ : Room-Temperature Synthesis and Optimum Luminescence Properties. <i>Nanoscience and Nanotechnology Letters</i> , 2013, 5, 143-146.	0.4	1

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19	Spin state transition and giant dielectric constant in Pr _{0.987} Na _{0.013} CoO ₃ . Applied Physics Letters, 2012, 100, 152109.	1.5	6
20	Morphology-controllable growth of GdVO ₄ :Eu ³⁺ nano/microstructures for an optimum red luminescence. Nanotechnology, 2012, 23, 245602.	1.3	22
21	Solvent-Driven Room-Temperature Synthesis of Nanoparticles BiPO ₄ :Eu ³⁺ . Inorganic Chemistry, 2012, 51, 5869-5880.	1.9	67
22	Fabrication of assembled-spheres YVO ₄ :(Ln ³⁺ , Bi ³⁺) towards optically tunable emission. CrystEngComm, 2012, 14, 2062.	1.3	44
23	Preparation and morphology-sensitive luminescence properties of Eu ³⁺ -doped YVO ₄ : a defect chemistry viewpoint of study. CrystEngComm, 2012, 14, 3227.	1.3	40
24	Size-induced variations in bulk/surface structures and their impact on photoluminescence properties of GdVO ₄ :Eu ³⁺ nanoparticles. Physical Chemistry Chemical Physics, 2012, 14, 9956.	1.3	71
25	Structures and Polymorph-Sensitive Luminescence Properties of BiPO ₄ /Eu Grown in Hydrothermal Conditions. Crystal Growth and Design, 2012, 12, 3983-3991.	1.4	60
26	Synthesis of High-Quality Brookite TiO ₂ Single-Crystalline Nanosheets with Specific Facets Exposed: Tuning Catalysts from Inert to Highly Reactive. Journal of the American Chemical Society, 2012, 134, 8328-8331.	6.6	251
27	Preparation and polymorph-sensitive luminescence properties of BiPO ₄ :Eu, Part I: room-temperature reaction followed by a heat treatment. CrystEngComm, 2011, 13, 6251.	1.3	78
28	Lightly doping Ca ²⁺ in perovskite PrCoO ₃ for tailored spin states and electrical properties. Physical Chemistry Chemical Physics, 2011, 13, 17775.	1.3	28
29	Control Over the Crystallinity and Defect Chemistry of YVO ₄ Nanocrystals for Optimum Photocatalytic Property. European Journal of Inorganic Chemistry, 2011, 2011, 2211-2220.	1.0	61
30	Preparation of cereal-like YVO ₄ :Ln ³⁺ (Ln = Sm, Eu, Tb, Dy) for high quantum efficiency photoluminescence. Nanotechnology, 2010, 21, 195601.	1.3	66