

Yanjie Zhang

List of Publications by Year in descending order

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34
papers

727
citations

567281

15
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552781

26
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35
all docs

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docs citations

35
times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced crystallinity and photoluminescence properties of Yb ²⁺ doped SrSi ₂ O ₂ N ₂ phosphor for image storage applications. <i>Journal of Luminescence</i> , 2022, 242, 118611.	3.1	3
2	Biosafety evaluation of Li ₂ Si ₂ O ₅ whisker-reinforced glass-ceramics. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 025011.	3.3	8
3	High-performance red@green core-shell emitting nitride phosphor with monodisperse Eu ²⁺ luminescence centers for solid state lighting. <i>Journal of Alloys and Compounds</i> , 2021, 875, 160076.	5.5	5
4	Synthesis and photoluminescence properties of KZnPO ₄ : Dy ³⁺ , Sm ³⁺ . <i>Optik</i> , 2020, 201, 163526.	2.9	8
5	Highly dispersed Eu ²⁺ activated Ca ₁₀ (PO ₄) ₆ Cl ₂ phosphor with enhanced blue emitting through deposition-precipitation process. <i>Optical Materials</i> , 2020, 110, 110529.	3.6	3
6	Synthesis and luminescence properties of single-phase Ca ₂ P ₂ O ₇ :Eu ²⁺ , Eu ³⁺ phosphor with tunable red/blue emission. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16384-16394.	2.2	8
7	Improved photoluminescence property by homogeneous deposition-precipitation method for Eu ²⁺ doping in Si ³⁺ -O frameworks. <i>Journal of Luminescence</i> , 2019, 215, 116646.	3.1	5
8	Preparation of Eu ³⁺ -doped CsPbBr ₃ quantum-dot microcrystals and their luminescence properties. <i>Optical Materials</i> , 2019, 97, 109454.	3.6	13
9	Structure and photoluminescence properties of Dy ³⁺ doping in Sr-Si-O-N frameworks for highly efficient white light and optical information storage applications. <i>Optical Materials</i> , 2019, 95, 109250.	3.6	4
10	Remarkable photoluminescence of europium(ⁱⁱ)-doped phosphate cyan@red-emitting phosphors with highly dispersed luminescence centers. <i>Chemical Communications</i> , 2019, 55, 198-201.	4.1	11
11	Luminescence and energy transfer mechanism of KZnPO ₄ : Dy ³⁺ , Eu ³⁺ . <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9155-9162.	2.2	7
12	Effect of hydroxyapatite nanoparticles and wedelolactone on osteoblastogenesis from bone marrow mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 145-153.	4.0	13
13	Tunable luminescence properties and energy transfer of single-phase Ca ₄ (PO ₄) ₂ O: Dy ³⁺ , Eu ²⁺ multi-color phosphors for warm white light. <i>Journal of Materials Science</i> , 2018, 53, 6414-6423.	3.7	18
14	Influence of Eu ³⁺ concentration on photoluminescence and structure of Ba ₃ Y _{1-x} Eu _x (BO ₃) ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14495-14500.	2.2	0
15	Improved luminescence properties and thermal stability of SrSi ₂ O ₂ N ₂ :Eu ²⁺ phosphor with single phase via the formation of Eu ³⁺ on surface structure. <i>Journal of Materials Science</i> , 2017, 52, 7605-7614.	3.7	16
16	Luminescence and energy transfer mechanism of λ -Ba ₃ Y(BO ₃) ₃ :Ce ³⁺ , Tb ³⁺ . <i>Journal of Luminescence</i> , 2017, 192, 1004-1009.	3.1	21
17	Enhanced photoluminescence property of single-component CaAlSiN ₃ : Ce ³⁺ , Eu ²⁺ multicolor phosphor through Ce ³⁺ -Eu ²⁺ energy transfer. <i>Journal of Alloys and Compounds</i> , 2017, 727, 633-641.	5.5	17
18	Synthesis, structure and photoluminescence properties of (Sr,Ca)AlSiN ₃ :Eu ²⁺ phosphor for white light emitting diodes with controllable optical performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 86-93.	2.2	5

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19	Graphene encapsulated Fe _x Co _y nanocages derived from metal-organic frameworks as efficient activators for peroxymonosulfate. <i>Catalysis Science and Technology</i> , 2016, 6, 7486-7494.	4.1	72
20	Investigation of oxygen vacancies on Pt- or Au-modified CeO ₂ materials for CO oxidation. <i>RSC Advances</i> , 2016, 6, 70653-70659.	3.6	20
21	Correlation investigation on the visible-light-driven photocatalytic activity and coordination structure of rutile Sn-Fe-TiO ₂ nanocrystallites for methylene blue degradation. <i>Catalysis Today</i> , 2015, 258, 112-119.	4.4	27
22	Designed synthesis of hydroxyapatite nanostructures: bullet-like single crystal and whiskered hollow ellipsoid. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 1395-1401.	3.6	7
23	White-light-emitting diode using a single-phase full-color (Ba,Sr) ₁₀ (PO ₄) ₄ (SiO ₄) ₂ :Eu ²⁺ phosphor. <i>Journal of Luminescence</i> , 2014, 147, 250-252.	3.1	11
24	Synergic effect of cation doping and phase composition on the photocatalytic performance of TiO ₂ under visible light. <i>Catalysis Communications</i> , 2014, 51, 46-52.	3.3	16
25	The roles of hydroxyapatite and FeO _x in a Au/FeO _x hydroxyapatite catalyst for CO oxidation. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1386-1394.	14.0	27
26	Preparation of hydroxyapatite ceramic through centrifugal casting process using ultra-fine spherical particles as precursor and its decomposition at high temperatures. <i>Journal of Advanced Ceramics</i> , 2012, 1, 60-65.	17.4	10
27	Monomorphic platinum octapod and tripod nanocrystals synthesized by an iron nitrate modified polyol process. <i>Chemical Communications</i> , 2011, 47, 11966.	4.1	13
28	A highly active and sintering-resistant Au/FeO _x -hydroxyapatite catalyst for CO oxidation. <i>Chemical Communications</i> , 2011, 47, 1779-1781.	4.1	102
29	Novel Ca-doped CePO ₄ supported ruthenium catalyst with superior catalytic performance for aerobic oxidation of alcohols. <i>Chemical Communications</i> , 2011, 47, 5307.	4.1	41
30	A novel Au&Pd/Fe(OH) _x catalyst for CO+H ₂ co-oxidations at low temperatures. <i>Journal of Catalysis</i> , 2011, 279, 361-365.	6.2	14
31	Enhanced Catalytic Activities and Characterization of Ruthenium-Grafted Halogenous Hydroxyapatite Nanorod Crystallites. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16443-16450.	3.1	24
32	A Mild and Efficient Biomimetic Synthesis of Rodlike Hydroxyapatite Particles with a High Aspect Ratio Using Polyvinylpyrrolidone As Capping Agent. <i>Crystal Growth and Design</i> , 2008, 8, 2101-2107.	3.0	103
33	The transformation of single-crystal calcium phosphate ribbon-like fibres to hydroxyapatite spheres assembled from nanorods. <i>Nanotechnology</i> , 2008, 19, 155608.	2.6	20
34	A simple method to tailor spherical nanocrystal hydroxyapatite at low temperature. <i>Journal of Nanoparticle Research</i> , 2007, 9, 589-594.	1.9	55