Yanjie Zhang

List of Publications by Year
in descending order

34 papers	727 citations	567281 15 h-index	552781 26 g-index
35 all docs	35 docs citations	35 times ranked	1153 citing authors

#	Article	IF	Citations
1	A Mild and Efficient Biomimetic Synthesis of Rodlike Hydroxyapatite Particles with a High Aspect Ratio Using Polyvinylpyrrolidone As Capping Agent. Crystal Growth and Design, 2008, 8, 2101-2107.	3.0	103
2	A highly active and sintering-resistant Au/FeO_xâ€“hydroxyapatite catalyst for CO oxidation. Chemical Communications, 2011, 47, 1779-1781.	4.1	102
3	Graphene encapsulated Fe_xCo_y nanocages derived from metalâ€“organic frameworks as efficient activators for peroxymonosulfate. Catalysis Science and Technology, 2016, 6, 7486-7494.	4.1	72
4	A simple method to tailor spherical nanocrystal hydroxyapatite at low temperature. Journal of Nanoparticle Research, 2007, 9, 589-594.	1.9	55
5	Novel Ca-doped CePO4 supported ruthenium catalyst with superior catalytic performance for aerobic oxidation of alcohols. Chemical Communications, 2011, 47, 5307.	4.1	41
6	The roles of hydroxyapatite and FeOx in a Au/FeOx hydroxyapatite catalyst for CO oxidation. Chinese Journal of Catalysis, 2013, 34, 1386-1394.	14.0	27
7	Correlation investigation on the visible-light-driven photocatalytic activity and coordination structure of rutile Sn-Fe-TiO2 nanocrystallites for methylene blue degradation. Catalysis Today, 2015, 258, 112-119.	4.4	27
8	Enhanced Catalytic Activities and Characterization of Ruthenium-Grafted Halogenous Hydroxyapatite Nanorod Crystallites. Journal of Physical Chemistry C, 2010, 114, 16443-16450.	3.1	24
9	Luminescence and energy transfer mechanism of Î±-Ba3Y(BO3)3:Ce3+,Tb3+. Journal of Luminescence, 2017, 192, 1004-1009.	3.1	21
10	The transformation of single-crystal calcium phosphate ribbon-like fibres to hydroxyapatite spheres assembled from nanorods. Nanotechnology, 2008, 19, 155608.	2.6	20
11	Investigation of oxygen vacancies on Pt- or Au-modified CeO₂ materials for CO oxidation. RSC Advances, 2016, 6, 70653-70659.	3.6	20
12	Tunable luminescence properties and energy transfer of single-phase Ca4(PO4)2O: Dy3+, Eu2+ multi-color phosphors for warm white light. Journal of Materials Science, 2018, 53, 6414-6423.	3.7	18
13	Enhanced photoluminescence property of single-component CaAlSiN3: Ce3+, Eu2+ multicolor phosphor through Ce3+-Eu2+ energy transfer. Journal of Alloys and Compounds, 2017, 727, 633-641.	5.5	17
14	Synergic effect of cation doping and phase composition on the photocatalytic performance of TiO2 under visible light. Catalysis Communications, 2014, 51, 46-52.	3.3	16
15	Improved luminescence properties and thermal stability of SrSi2O2N2:Eu2+ phosphor with single phase via the formation of Eu3+ on surface structure. Journal of Materials Science, 2017, 52, 7605-7614.	3.7	16
16	A novel Au&Pd/Fe(OH)x catalyst for CO+H2 co-oxidations at low temperatures. Journal of Catalysis, 2011, 279, 361-365.	6.2	14
17	Monomorphic platinum octapod and tripod nanocrystals synthesized by an iron nitrate modified polyol process. Chemical Communications, 2011, 47, 11966.	4.1	13
18	Preparation of Eu3+-doped CsPbBr3 quantum-dot microcrystals and their luminescence properties. Optical Materials, 2019, 97, 109454.	3.6	13

#	Article	IF	Citations
19	Effect of hydroxyapatite nanoparticles and wedelolactone on osteoblastogenesis from bone marrow mesenchymal stem cells. Journal of Biomedical Materials Research - Part A, 2019, 107, 145-153.	4.0	13
20	White-light-emitting diode using a single-phase full-color (Ba,Sr)10(PO4)4(SiO4)2:Eu2+ phosphor. Journal of Luminescence, 2014, 147, 250-252.	3.1	11
21	Remarkable photoluminescence of europium(<scp>ii</scp>)-doped phosphate cyan@red-emitting phosphors with highly dispersed luminescence centers. Chemical Communications, 2019, 55, 198-201.	4.1	11
22	Preparation of hydroxyapatite ceramic through centrifugal casting process using ultra-fine spherical particles as precursor and its decomposition at high temperatures. Journal of Advanced Ceramics, 2012, 1, 60-65.	17.4	10
23	Synthesis and luminescence properties of single-phase Ca2P2O7:Eu2+, Eu3+ phosphor with tunable red/blue emission. Journal of Materials Science: Materials in Electronics, 2019, 30, 16384-16394.	2.2	8
24	Synthesis and photoluminescence properties of KZnPO4: Dy3+, Sm3+. Optik, 2020, 201, 163526.	2.9	8
25	Biosafety evaluation of Li₂Si₂O₅ whisker-reinforced glass-ceramics. Biomedical Materials (Bristol), 2022, 17, 025011.	3.3	8
26	Designed synthesis of hydroxyapatite nanostructures: bullet-like single crystal and whiskered hollow ellipsoid. Journal of Materials Science: Materials in Medicine, 2014, 25, 1395-1401.	3.6	7
27	Luminescence and energy transfer mechanism of KZnPO4: Dy3+, Eu3+. Journal of Materials Science: Materials in Electronics, 2019, 30, 9155-9162.	2.2	7
28	Synthesis, structure and photoluminescence properties of (Sr,Ca)AlSiN3:Eu2+ phosphor for white light emitting diodes with controllable optical performance. Journal of Materials Science: Materials in Electronics, 2017, 28, 86-93.	2.2	5
29	Improved photoluminescence property by homogeneous deposition-precipitation method for Eu2+ doping in Siâ€“Nâ€“O frameworks. Journal of Luminescence, 2019, 215, 116646.	3.1	5
30	High-performance red@green core-shell emitting nitride phosphor with monodisperse Eu2+ luminescence centers for solid state lighting. Journal of Alloys and Compounds, 2021, 875, 160076.	5.5	5
31	Structure and photoluminescence properties of Dy3+ doping in Sr-Si-O-N frameworks for highly efficient white light and optical information storage applications. Optical Materials, 2019, 95, 109250.	3.6	4
32	Highly dispersed Eu2+ activated Ca10(PO4)6Cl2 phosphor with enhanced blue emitting through deposition-precipitation process. Optical Materials, 2020, 110, 110529.	3.6	3
33	Enhanced crystallinity and photoluminescence properties of Yb2+ doped SrSi2O2N2 phosphor for image storage applications. Journal of Luminescence, 2022, 242, 118611.	3.1	3
34	Influence of Eu3+ concentration on photoluminescence and structure of Ba3Y1 â^' zEuz(BO3)3. Journal of Materials Science: Materials in Electronics, 2018, 29, 14495-14500.	2.2	0