

# Guang Jia

## List of Publications by Year in descending order

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82  
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citations

101496

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82  
docs citations

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times ranked

5410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-activated luminescent and mesoporous strontium hydroxyapatite nanorods for drug delivery. <i>Biomaterials</i> , 2010, 31, 3374-3383.	5.7	288
2	Defect-related luminescent materials: synthesis, emission properties and applications. <i>Chemical Society Reviews</i> , 2012, 41, 7938.	18.7	244
3	Self-Assembled 3D Flowerlike $\text{Lu}_2\text{O}_3$ and $\text{Lu}_2\text{O}_3:\text{Ln}^{3+}$ (Ln = Eu, Tb, Dy, Pr, Sm, Er, Ho, Tm) Microarchitectures: Ethylene Glycol-Mediated Hydrothermal Synthesis and Luminescent Properties. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12777-12785.	1.5	220
4	Hybrid Mesoporous Silica-Based Drug Carrier Nanostructures with Improved Degradability by Hydroxyapatite. <i>ACS Nano</i> , 2015, 9, 9614-9625.	7.3	183
5	General and Facile Method To Prepare Uniform $\text{Y}_2\text{O}_3:\text{Eu}$ Hollow Microspheres. <i>Crystal Growth and Design</i> , 2009, 9, 301-307.	1.4	162
6	Hierarchically Nanostructured Coordination Polymer: Facile and Rapid Fabrication and Tunable Morphologies. <i>Crystal Growth and Design</i> , 2010, 10, 790-797.	1.4	158
7	Controllable and white upconversion luminescence in $\text{BaYF}_5:\text{Ln}^{3+}$ (Ln = Yb, Er, Tm) $\text{ETQq1}$ $1.0.784314_{148}^{\text{rgBT}}/\text{Dv}$	6.7	148
8	Controlled Synthesis of $\text{Ln}^{3+}$ (Ln = Tb, Eu, Dy) and $\text{V}^{5+}$ Ion-Doped $\text{YPO}_4$ Nano-/Microstructures with Tunable Luminescent Colors. <i>Chemistry of Materials</i> , 2009, 21, 4598-4607.	3.2	145
9	Optical Properties and Energy Transfer of $\text{NaCaPO}_4:\text{Ce}^{3+},\text{Tb}^{3+}$ Phosphors for Potential Application in Light-Emitting Diodes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4636-4642.	1.0	143
10	Facile and rapid fabrication of metal-organic framework nanobelts and color-tunable photoluminescence properties. <i>Journal of Materials Chemistry</i> , 2010, 20, 3272.	6.7	142
11	Highly Uniform $\text{Gd}(\text{OH})_3$ and $\text{Gd}_2\text{O}_3:\text{Eu}^{3+}$ Nanotubes: Facile Synthesis and Luminescence Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6050-6055.	1.5	134
12	$\text{LaF}_3$ , $\text{CeF}_3$ , $\text{CeF}_3:\text{Tb}^{3+}$ , and $\text{CeF}_3:\text{Tb}^{3+}@ \text{LaF}_3$ (Core-Shell) Nanoplates: Hydrothermal Synthesis and Luminescence Properties. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2904-2910.	1.5	131
13	Tunable luminescence in $\text{Ce}^{3+}$ , $\text{Mn}^{2+}$ -codoped calcium fluorapatite through combining emissions and modulation of excitation: a novel strategy to white light emission. <i>Journal of Materials Chemistry</i> , 2010, 20, 6674.	6.7	128
14	$\text{Sr}_3\text{Al}_2\text{O}_5\text{Cl}_2:\text{Ce}^{3+},\text{Eu}^{2+}$ : A potential tunable yellow-to-white-emitting phosphor for ultraviolet light emitting diodes. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	127
15	$\text{Tm}^{3+}$ and/or $\text{Dy}^{3+}$ doped $\text{LaOCl}$ nanocrystalline phosphors for field emission displays. <i>Journal of Materials Chemistry</i> , 2009, 19, 8936.	6.7	124
16	Facile and Controllable Synthesis of Monodisperse $\text{CaF}_2$ and $\text{CaF}_2:\text{Ce}^{3+}/\text{Tb}^{3+}$ Hollow Spheres as Efficient Luminescent Materials and Smart Drug Carriers. <i>Chemistry - A European Journal</i> , 2010, 16, 5672-5680.	1.7	122
17	Highly Uniform $\text{Gd}_2\text{O}_3$ Hollow Microspheres: Template-Directed Synthesis and Luminescence Properties. <i>Langmuir</i> , 2010, 26, 5122-5128.	1.6	120
18	Room-Temperature Synthesis of Multi-Morphological Coordination Polymer and Tunable White-Light Emission. <i>Crystal Growth and Design</i> , 2010, 10, 16-19.	1.4	111

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19	Y <sub>2</sub> O <sub>3</sub> Nanoparticles Caused Bone Tissue Damage by Breaking the Intracellular Phosphate Balance in Bone Marrow Stromal Cells. ACS Nano, 2019, 13, 313-323.	7.3	103
20	Facile Hydrothermal Synthesis and Luminescent Properties of Large-Scale GdVO <sub>4</sub> :Eu <sup>3+</sup> Nanowires. Crystal Growth and Design, 2009, 9, 5101-5107.	1.4	91
21	Coordination-Induced Formation of One-Dimensional Nanostructures of Europium Benzene-1,3,5-tricarboxylate and Its Solid-State Thermal Transformation. Crystal Growth and Design, 2009, 9, 3519-3524.	1.4	89
22	Facile Synthesis and Luminescence of Uniform Y <sub>2</sub> O <sub>3</sub> Hollow Spheres by a Sacrificial Template Route. Inorganic Chemistry, 2010, 49, 7721-7725.	1.9	86
23	Facile Surfactant- and Template-Free Synthesis and Luminescent Properties of One-Dimensional Lu <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> Phosphors. Journal of Physical Chemistry C, 2009, 113, 153-158.	1.5	85
24	Architectures of Strontium Hydroxyapatite Microspheres: Solvothermal Synthesis and Luminescence Properties. Langmuir, 2009, 25, 13591-13598.	1.6	83
25	Facile shape-controlled synthesis of luminescent europium benzene-1,3,5-tricarboxylate architectures at room temperature. CrystEngComm, 2009, 11, 2622.	1.3	80
26	Tunable Luminescence in Monodisperse Zirconia Spheres. Langmuir, 2009, 25, 7078-7083.	1.6	71
27	Facile selective synthesis and luminescence behavior of hierarchical NaY(WO <sub>4</sub> ) <sub>2</sub> :Eu <sup>3+</sup> and Y <sub>6</sub> WO <sub>12</sub> :Eu <sup>3+</sup> . CrystEngComm, 2011, 13, 3001.	1.3	62
28	Facile Chemical Conversion Synthesis and Luminescence Properties of Uniform Ln <sup>3+</sup> (Ln = Tj ETQq0 0 0 rgBT /Overlock 10) 2009, 48, 10193-10201.	1.9	55
29	Highly Uniform YBO <sub>3</sub> Hierarchical Architectures: Facile Synthesis and Tunable Luminescence Properties. Chemistry - A European Journal, 2010, 16, 2930-2937.	1.7	54
30	Uniform Lanthanide Orthoborates LnBO <sub>3</sub> (Ln = Gd, Nd, Sm, Eu, Tb, and Dy) Microplates: General Synthesis and Luminescence Properties. Journal of Physical Chemistry C, 2009, 113, 16638-16644.	1.5	52
31	Controllable Synthesis and Luminescence Properties of La(OH) <sub>3</sub> and La(OH) <sub>3</sub> :Tb <sup>3+</sup> Nanocrystals with Multiform Morphologies. European Journal of Inorganic Chemistry, 2009, 2009, 3721-3726.	1.0	47
32	Defect-Related Luminescent Hydroxyapatite-Enhanced Osteogenic Differentiation of Bone Mesenchymal Stem Cells Via an ATP-Induced cAMP/PKA Pathway. ACS Applied Materials & Interfaces, 2016, 8, 11262-11271.	4.0	45
33	Facile Synthesis and Luminescence Properties of Highly Uniform MF/YVO <sub>4</sub> :Ln <sup>3+</sup> (Ln = Eu, Dy, and Sm) Composite Microspheres. Crystal Growth and Design, 2009, 9, 3702-3706.	1.4	44
34	Synthesis and enhanced luminescence of uniform and well-dispersed quasispherical YVO <sub>4</sub> :Ln <sup>3+</sup> (Ln = Eu, Dy) nanoparticles by a solvothermal method. CrystEngComm, 2012, 14, 573-578.	1.3	42
35	Self-assembled 3D architectures of lanthanide orthoborate: hydrothermal synthesis and luminescence properties. CrystEngComm, 2010, 12, 549-557.	1.3	41
36	Up-Conversion Y <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> Hollow Spherical Drug Carrier with Improved Degradability for Cancer Treatment. ACS Applied Materials & Interfaces, 2016, 8, 25078-25086.	4.0	39

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37	Oxidative stress-induced apoptosis of osteoblastic MC3T3-E1 cells by hydroxyapatite nanoparticles through lysosomal and mitochondrial pathways. <i>RSC Advances</i> , 2017, 7, 13010-13018.	1.7	37
38	Uniform Ln(OH) <sub>3</sub> and Ln <sub>2</sub> O <sub>3</sub> (Ln = Eu, Sm) Submicrospindles: Facile Synthesis and Characterization. <i>Crystal Growth and Design</i> , 2009, 9, 4127-4135.	1.4	36
39	Size-dependent cytotoxicity of europium doped NaYF <sub>4</sub> nanoparticles in endothelial cells. <i>Materials Science and Engineering C</i> , 2014, 43, 330-342.	3.8	34
40	Synthesis, structure, and color-tunable luminescence properties of lanthanide activator ions doped bismuth silicate as single-phase white light emitting phosphors. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152546.	2.8	32
41	Controllable synthesis and morphology-dependent photoluminescence properties of well-defined one-dimensional Zn <sub>2</sub> GeO <sub>4</sub> :Mn <sup>2+</sup> nanostructures. <i>Dyes and Pigments</i> , 2018, 150, 267-274.	2.0	31
42	Facile synthesis of highly uniform octahedral LuVO <sub>4</sub> microcrystals by a facile chemical conversion method. <i>CrystEngComm</i> , 2009, 11, 2745.	1.3	29
43	Synthesis and characterization of highly uniform Lu <sub>2</sub> O <sub>3</sub> :Ln <sup>3+</sup> (Ln = Eu, Er, Yb) luminescent hollow microspheres. <i>CrystEngComm</i> , 2010, 12, 2943.	1.3	28
44	Europium-doped Gd <sub>2</sub> O <sub>3</sub> nanotubes cause the necrosis of primary mouse bone marrow stromal cells through lysosome and mitochondrion damage. <i>Journal of Inorganic Biochemistry</i> , 2015, 146, 28-36.	1.5	28
45	Hydrothermal synthesis and luminescence properties of monodisperse BaWO <sub>4</sub> :Eu <sup>3+</sup> submicrospheres. <i>Materials Letters</i> , 2014, 120, 251-254.	1.3	22
46	Monodisperse and mesoporous walnut kernel-like SiO <sub>2</sub> /Fe <sup>3+</sup> -Fe <sub>2</sub> O <sub>3</sub> nanocomposite: Synthesis, magnetic properties, and application in drug delivery. <i>Journal of Alloys and Compounds</i> , 2017, 728, 585-591.	2.8	22
47	Uniform and well-dispersed LaBO <sub>3</sub> hierarchical architectures: synthesis, formation, and luminescence properties. <i>CrystEngComm</i> , 2012, 14, 579-584.	1.3	21
48	Luminescent CaWO <sub>4</sub> :Tb <sup>3+</sup> -Loaded Mesoporous Silica Composites for the Immobilization and Release of Lysozyme. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2655-2662.	1.0	19
49	Lanthanum breaks the balance between osteogenesis and adipogenesis of mesenchymal stem cells through phosphorylation of Smad1/5/8. <i>RSC Advances</i> , 2015, 5, 42233-42241.	1.7	19
50	Facile synthesis of Y <sub>4</sub> O(OH) <sub>9</sub> NO <sub>3</sub> :Eu <sup>3+</sup> /Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> nanotubes and nanobundles from nanolamellar precursors. <i>CrystEngComm</i> , 2010, 12, 585-590.	1.3	16
51	Mesoporous silica-coated NaYF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> particles for drug release. <i>Journal of Nanoparticle Research</i> , 2010, 12, 663-673.	0.8	15
52	Facile synthesis and luminescence properties of uniform and well-dispersed YF <sub>3</sub> :Eu <sup>3+</sup> architectures. <i>CrystEngComm</i> , 2012, 14, 4425.	1.3	15
53	Biodistribution and toxicity assessment of europium-doped Gd <sub>2</sub> O <sub>3</sub> nanotubes in mice after intraperitoneal injection. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	15
54	Novel bismuth silicate based upconversion phosphors: Facile synthesis, structure, luminescence properties, and applications. <i>Journal of Luminescence</i> , 2019, 216, 116718.	1.5	15

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55	Europium-doped NaYF <sub>4</sub> nanoparticles cause the necrosis of primary mouse bone marrow stromal cells through lysosome damage. RSC Advances, 2016, 6, 21725-21734.	1.7	14
56	Facile synthesis of hierarchically superstructured praseodymium benzenetricarboxylate with controllable morphologies. CrystEngComm, 2011, 13, 452-458.	1.3	12
57	Cerium oxide nanoparticles protect primary mouse bone marrow stromal cells from apoptosis induced by oxidative stress. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	12
58	In vivo biodistribution and toxicity of Gd <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> nanotubes in mice after intraperitoneal injection. RSC Advances, 2015, 5, 73601-73611.	1.7	12
59	Novel perovskite quantum dots and hydroxyapatite nanocomposites: Enhanced thermal stability, improved emission intensity, and color-tunable luminescence. Journal of Alloys and Compounds, 2021, 861, 157989.	2.8	12
60	Apoptosis induced by NaYF <sub>4</sub> :Eu <sup>3+</sup> nanoparticles in liver cells via mitochondria damage dependent pathway. Science China Chemistry, 2017, 60, 122-129.	4.2	11
61	Controllable synthesis and tunable luminescence of NaLa(MoO <sub>4</sub> ) <sub>2</sub> hierarchical architectures with diverse dimensions and morphologies. Dyes and Pigments, 2016, 134, 219-226.	2.0	10
62	Walnut kernel-like mesoporous silica nanoparticles as effective drug carrier for cancer therapy in vitro. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	10
63	Hydrothermal synthesis of NaTb(MoO <sub>4</sub> ) <sub>2</sub> hierarchical architectures with novel morphology and luminescence properties. Ceramics International, 2016, 42, 17936-17940.	2.3	9
64	Defect-related luminescent bur-like hydroxyapatite microspheres induced apoptosis of MC3T3-E1 cells by lysosomal and mitochondrial pathways. Science China Life Sciences, 2018, 61, 464-475.	2.3	9
65	Multicolor barium molybdate phosphors doped with Re <sup>3+</sup> (Re = Eu, Sm, Tb, Dy) via solid-state method: Synthesis and characterizations. Modern Physics Letters B, 2018, 32, 1850270.	1.0	8
66	Controllable synthesis and luminescence properties of one-dimensional La <sub>2</sub> O <sub>3</sub> and La <sub>2</sub> O <sub>3</sub> :Ln <sup>3+</sup> (Ln = Er, Tm, Yb, Eu) nanowires. Journal of Materials Chemistry C, 2015, 3, 1150-1155.	1.5	8
67	Preparation of Lanthanide Ions-Doped BiPO <sub>4</sub> Nanoparticles and Fe <sup>3+</sup> Ions Assay. Journal of Nanoscience and Nanotechnology, 2018, 18, 4000-4005.	0.9	7
68	Controllable synthesis and luminescence properties of monodisperse lutetium oxide spheres with tunable particle sizes and multicolor emissions. Journal of Alloys and Compounds, 2021, 867, 159029.	2.8	7
69	Facile synthesis, structure, and tunable luminescence properties of novel one-dimensional Bi <sub>4</sub> Si <sub>3</sub> O <sub>12</sub> fibers. CrystEngComm, 2020, 22, 2002-2012.	1.3	6
70	Green synthesis and luminescence properties of lanthanide ions doped yttrium oxyfluoride microdiscs. Applied Surface Science, 2019, 484, 285-292.	3.1	5
71	Well-defined sodium gadolinium molybdate microcrystals with diverse morphologies and dimensions: Controllable synthesis, multicolor emissions, and potential applications. Journal of Alloys and Compounds, 2020, 835, 155303.	2.8	5
72	Microwave synthesis of CaMoO <sub>4</sub> :Sm <sup>3+</sup> orange reddish-emitting phosphors and its photoluminescence property. Journal of Materials Science: Materials in Electronics, 2017, 28, 15208-15216.	1.1	3

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73	Facile synthesis and luminescence properties of lanthanide ions doped gadolinium phosphate hierarchical hollow spheres. <i>Solid State Sciences</i> , 2020, 107, 106354.	1.5	3
74	General Synthesis Route to Fabricate Uniform Upconversion Luminescent Gadolinium Oxide Hollow Spheres. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 6875-6879.	0.9	2
75	Controllable synthesis and luminescence properties of NaYF <sub>4</sub> @YOF composite microcrystals with multiform morphologies. <i>Journal of Luminescence</i> , 2021, 229, 117671.	1.5	2
76	Facile synthesis and size-dependent luminescence of gadolinium compounds with multiform morphologies and tunable particle sizes. <i>Journal of Luminescence</i> , 2021, 239, 118339.	1.5	2
77	Well-Defined Strontium Tungstate Hierarchical Microspheres: Synthesis and Photoluminescence Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 611-616.	0.9	1
78	Hydrothermal synthesis for the enhanced red and green Sr <sub>3</sub> Y(PO <sub>4</sub> ) <sub>3</sub> :Eu <sup>3+</sup> , Tb <sup>3+</sup> phosphors. <i>Modern Physics Letters B</i> , 2019, 33, 1950048.	1.0	1
79	Synthesis, properties, and bioapplications of multifunctional gadolinium orthophosphate hollow spheres. <i>Modern Physics Letters B</i> , 2019, 33, 1950335.	1.0	0
80	La(OH) <sub>3</sub> nanorods with different sizes enhanced osteogenic differentiation on mice bone marrow mesenchymal stem cells. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	0
81	Facile synthesis and luminescence properties of monodisperse lutetium oxide nanostructures with adjustable particle sizes. <i>CrystEngComm</i> , 2021, 23, 6388-6399.	1.3	0
82	Influence of solvents on particle size and luminescence performance of monodisperse spherical lutetium compounds. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 3186-3197.	1.1	0