Hong-Jie Zhang

List of Publications by Year
in descending order

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		2544	5394
614	38,327	96	164
papers	citations	h-index	g-index

635	635	635	37450
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of microRNAs in serum: a novel class of biomarkers for diagnosis of cancer and other diseases. Cell Research, 2008, 18, 997-1006.	12.0	4,084
2	Hybrid materials based on lanthanide organic complexes: a review. Chemical Society Reviews, 2013, 42, 387-410.	38.1	674
3	Folded Structured Graphene Paper for High Performance Electrode Materials. Advanced Materials, 2012, 24, 1089-1094.	21.0	619
4	Singleâ€Crystalâ€toâ€Singleâ€Crystal Transformation of a Europium(III) Metalâ€“Organic Framework Producing a Multiâ€responsive Luminescent Sensor. Advanced Functional Materials, 2014, 24, 4034-4041.	14.9	542
5	Proton-conducting crystalline porous materials. Chemical Society Reviews, 2017, 46, 464-480.	38.1	530
6	All-in-One Theranostic Nanoagent with Enhanced Reactive Oxygen Species Generation and Modulating Tumor Microenvironment Ability for Effective Tumor Eradication. ACS Nano, 2018, 12, 4886-4893.	14.6	510
7	Hydrothermal synthetic strategies of inorganic semiconducting nanostructures. Chemical Society Reviews, 2013, 42, 5714.	38.1	437
8	A layer-structured Eu-MOF as a highly selective fluorescent probe for Fe3+ detection through a cation-exchange approach. Journal of Materials Chemistry, 2012, 22, 16920.	6.7	433
9	A robust near infrared luminescent ytterbium metalâ€“organic framework for sensing of small molecules. Chemical Communications, 2011, 47, 5551-5553.	4.1	345
10	Graphene oxide covalently grafted upconversion nanoparticles for combined NIR mediated imaging and photothermal/photodynamic cancer therapy. Biomaterials, 2013, 34, 7715-7724.	11.4	344
11	One-dimensional channel-structured Eu-MOF for sensing small organic molecules and Cu2+ ion. Journal of Materials Chemistry A, 2013, 1, 11043.	10.3	341
12	Pt@CeO₂ Multicore@Shell Self-Assembled Nanospheres: Clean Synthesis, Structure Optimization, and Catalytic Applications. Journal of the American Chemical Society, 2013, 135, 15864-15872.	13.7	323
13	Oneâ€Dimensional Fe₂P Acts as a Fenton Agent in Response to NIRâ€…II Light and Ultrasound for Deep Tumor Synergetic Theranostics. Angewandte Chemie - International Edition, 2019, 58, 2407-2412.	13.8	315
14	Coordination Modulation Induced Synthesis of Nanoscale Eu_{1â€x}Tb_xâ€Metalâ€Organic Frameworks for Luminescent Thin Films. Advanced Materials, 2010, 22, 4190-4192.	21.0	314
15	Highly Efficient Green and Blueâ€Green Phosphorescent OLEDs Based on Iridium Complexes with the Tetraphenylimidodiphosphinate Ligand. Advanced Materials, 2011, 23, 4041-4046.	21.0	291
16	Binary temporal upconversion codes of Mn2+-activated nanoparticles for multilevel anti-counterfeiting. Nature Communications, 2017, 8, 899.	12.8	290
17	Synthesis of 3D Hierarchical Fe₃O₄/Graphene Composites with High Lithium Storage Capacity and for Controlled Drug Delivery. Journal of Physical Chemistry C, 2011, 115, 21567-21573.	3.1	288
18	Highly efficient heterogeneous catalytic materials derived from metal-organic framework supports/precursors. Coordination Chemistry Reviews, 2017, 337, 80-96.	18.8	282

#	Article	IF	Citations
19	Synthesis, Characterization, and Luminescence Properties of the Ternary Europium Complex Covalently Bonded to Mesoporous SBA-15. Journal of Physical Chemistry B, 2005, 109, 15278-15287.	2.6	266
20	Lanthanide Ion Codoped Emitters for Tailoring Emission Trajectory and Temperature Sensing. Advanced Functional Materials, 2015, 25, 1463-1469.	14.9	263
21	A {Co₃₂} Nanosphere Supported by p-tert-Butylthiacalix[4]arene. Journal of the American Chemical Society, 2009, 131, 11650-11651.	13.7	243
22	Combining Coordination Modulation with Acidâ€“Base Adjustment for the Control over Size of Metalâ€“Organic Frameworks. Chemistry of Materials, 2012, 24, 444-450.	6.7	223
23	Polyhedral 50-Facet Cu₂O Microcrystals Partially Enclosed by {311} High-Index Planes: Synthesis and Enhanced Catalytic CO Oxidation Activity. Journal of the American Chemical Society, 2010, 132, 17084-17087.	13.7	218
24	Synthesis, characterization and assembly of BiOCl nanostructure and their photocatalytic properties. CrystEngComm, 2009, 11, 1857.	2.6	210
25	Remote manipulation of upconversion luminescence. Chemical Society Reviews, 2018, 47, 6473-6485.	38.1	210
26	White-light emission from a single-emitting-component Ca9Gd(PO4)7:Eu2+,Mn2+ phosphor with tunable luminescent properties for near-UV light-emitting diodes. Journal of Materials Chemistry, 2010, 20, 9061.	6.7	204
27	Ultrafast Synthesis of Ultrasmall Poly(Vinylpyrrolidone)â€Protected Bismuth Nanodots as a Multifunctional Theranostic Agent for In Vivo Dualâ€Modal CT/Photothermalâ€Imagingâ€Guided Photothermal Therapy. Advanced Functional Materials, 2017, 27, 1702018.	14.9	203
28	Highly fluorescent nitrogen-doped carbon dots with excellent thermal and photo stability applied as invisible ink for loading important information and anti-counterfeiting. Nanoscale, 2017, 9, 491-496.	5.6	203
29	Efficient Electroluminescence from New Lanthanide (Eu3+, Sm3+) Complexes. Inorganic Chemistry, 2005, 44, 1611-1618.	4.0	202
30	Facile Synthesis and Assemblies of Flowerlike SnS₂ and In³⁺-Doped SnS₂: Hierarchical Structures and Their Enhanced Photocatalytic Property. Journal of Physical Chemistry C, 2009, 113, 1280-1285.	3.1	201
31	Calixareneâ€Based Nanoscale Coordination Cages. Angewandte Chemie - International Edition, 2012, 51, 1585-1588.	13.8	197
32	Copper(I) Phosphide Nanocrystals for In Situ Selfâ€Generation Magnetic Resonance Imagingâ€Guided Photothermalâ€Enhanced Chemodynamic Synergetic Therapy Resisting Deepâ€Seated Tumor. Advanced Functional Materials, 2019, 29, 1904678.	14.9	185
33	Hydrothermal growth and gas sensing property of flower-shaped SnS2 nanostructures. Nanotechnology, 2006, 17, 2918-2924.	2.6	183
34	Room temperature, template-free synthesis of BiOI hierarchical structures: Visible-light photocatalytic and electrochemical hydrogen storage properties. Dalton Transactions, 2010, 39, 3273.	3.3	169
35	Hydrothermal Synthesis and Thermoelectric Transport Properties of Impurityâ€Free Antimony Telluride Hexagonal Nanoplates. Advanced Materials, 2008, 20, 1892-1897.	21.0	162
36	General and Facile Method To Prepare Uniform Y₂O₃:Eu Hollow Microspheres. Crystal Growth and Design, 2009, 9, 301-307.	3.0	162

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37	Facile and rapid fabrication of nanostructured lanthanide coordination polymers as selective luminescent probes in aqueous solution. Journal of Materials Chemistry, 2012, 22, 6819.	6.7	161
38	Hierarchically Nanostructured Coordination Polymer: Facile and Rapid Fabrication and Tunable Morphologies. Crystal Growth and Design, 2010, 10, 790-797.	3.0	158
39	Tailored lanthanide-doped upconversion nanoparticles and their promising bioapplication prospects. Coordination Chemistry Reviews, 2018, 364, 10-32.	18.8	157
40	A Metalâ€“Organic Framework/DNA Hybrid System as a Novel Fluorescent Biosensor for Mercury(II) Ion Detection. Chemistry - A European Journal, 2016, 22, 477-480.	3.3	155
41	Morphology-Controlled Synthesis of Magnetites with Nanoporous Structures and Excellent Magnetic Properties. Chemistry of Materials, 2008, 20, 198-204.	6.7	152
42	Thiacalix[4]arene-Supported Planar Ln₄ (Ln = Tb^{III}, Dy^{III}) Clusters: Toward Luminescent and Magnetic Bifunctional Materials. Inorganic Chemistry, 2009, 48, 11743-11747.	4.0	150
43	A europium(<scp>iii</scp>) based metalâ€“organic framework: bifunctional properties related to sensing and electronic conductivity. Journal of Materials Chemistry A, 2014, 2, 237-244.	10.3	149
44	Solvent-dependent carbon dots and their applications in the detection of water in organic solvents. Journal of Materials Chemistry C, 2018, 6, 7527-7532.	5.5	149
45	Controlled Fabrication of Gold-Coated 3D Ordered Colloidal Crystal Films and Their Application in Surface-Enhanced Raman Spectroscopy. Chemistry of Materials, 2005, 17, 5731-5736.	6.7	147
46	Covalent Linking of Near-Infrared Luminescent Ternary Lanthanide (Er3+, Nd3+, Yb3+) Complexes on Functionalized Mesoporous MCM-41 and SBA-15. Journal of Physical Chemistry B, 2006, 110, 7249-7258.	2.6	146
47	Lanthanide-doped upconversion materials: emerging applications for photovoltaics and photocatalysis. Nanotechnology, 2014, 25, 482001.	2.6	146
48	Pt/CeO₂@MOF Core@Shell Nanoreactor for Selective Hydrogenation of Furfural via the Channel Screening Effect. ACS Catalysis, 2018, 8, 8506-8512.	11.2	145
49	Optical Properties and Energy Transfer of NaCaPO₄:Ce³⁺,Tb³⁺ Phosphors for Potential Application in Lightâ€Emitting Diodes. European Journal of Inorganic Chemistry, 2010, 2010, 4636-4642.	2.0	143
50	Facile and rapid fabrication of metalâ€“organic framework nanobelts and color-tunable photoluminescence properties. Journal of Materials Chemistry, 2010, 20, 3272.	6.7	142
51	Synthesis and Luminescence Properties of Bi³⁺-Activated K₂MgGeO₄: A Promising High-Brightness Orange-Emitting Phosphor for WLEDs Conversion. Inorganic Chemistry, 2018, 57, 12303-12311.	4.0	142
52	Fabrication of core-shell Au-Pt nanoparticle film and its potential application as catalysis and SERS substrateElectronic supplementary information (ESI) available: AFM image and line scans of core-shell Au-Pt nanoparticle film (colour version of Fig. 4). See http://www.rsc.org/suppdata/jm/b3/b314868h/. Journal of Materials Chemistry, 2004, 14, 1005.	6.7	141
53	Near-Infrared Luminescent Hybrid Materials Doped with Lanthanide (Ln) Complexes (Ln = Nd, Yb) and Their Possible Laser Application. Journal of Physical Chemistry B, 2005, 109, 6174-6182.	2.6	139
54	ZnO-Based Hollow Microspheres:Â Biopolymer-Assisted Assemblies from ZnO Nanorods. Journal of Physical Chemistry B, 2006, 110, 15847-15852.	2.6	137

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55	Na₂S₂O₈ Nanoparticles Trigger Antitumor Immunotherapy through Reactive Oxygen Species Storm and Surge of Tumor Osmolarity. Journal of the American Chemical Society, 2020, 142, 21751-21757.	13.7	133
56	Green synthesis of Pt/CeO2/graphene hybrid nanomaterials with remarkably enhanced electrocatalytic properties. Chemical Communications, 2012, 48, 2885.	4.1	131
57	ZnOâ€Functionalized Upconverting Nanotheranostic Agent: Multiâ€Modality Imagingâ€Guided Chemotherapy with Onâ€Demand Drug Release Triggered by pH. Angewandte Chemie - International Edition, 2015, 54, 536-540.	13.8	131
58	Ultrafast Synthesis of Novel Hexagonal Phase NaBiF₄ Upconversion Nanoparticles at Room Temperature. Advanced Materials, 2017, 29, 1700505.	21.0	131
59	Controllable Synthesis of Mesoporous TiO₂ Polymorphs with Tunable Crystal Structure for Enhanced Photocatalytic H₂ Production. Advanced Energy Materials, 2019, 9, 1901634.	19.5	131
60	Molecular Engineering of Monodisperse SnO₂ Nanocrystals Anchored on Doped Graphene with Highâ€Performance Lithium/Sodiumâ€Storage Properties in Half/Full Cells. Advanced Energy Materials, 2019, 9, 1802993.	19.5	129
61	Title is missing!. Journal of Materials Science, 2000, 35, 4325-4328.	3.7	127
62	Selectively Deposited Noble Metal Nanoparticles on Fe₃O₄/Graphene Composites: Stable, Recyclable, and Magnetically Separable Catalysts. Chemistry - A European Journal, 2012, 18, 7601-7607.	3.3	126
63	Bi2Te3 nanoplates and nanoflowers: Synthesized by hydrothermal process and their enhanced thermoelectric properties. CrystEngComm, 2012, 14, 2159.	2.6	125
64	Syntheses and Applications of Noble-Metal-free CeO2-Based Mixed-Oxide Nanocatalysts. CheM, 2019, 5, 1743-1774.	11.7	125
65	Defect modified zinc oxide with augmenting sonodynamic reactive oxygen species generation. Biomaterials, 2020, 251, 120075.	11.4	125
66	Rewritable Optical Memory Through Highâ€Registry Orthogonal Upconversion. Advanced Materials, 2018, 30, e1801726.	21.0	124
67	Encapsulation of Ln^{III} Ions/Dyes within a Microporous Anionic MOF by Postâ€synthetic Ionic Exchange Serving as a Ln^{III} Ion Probe and Twoâ€Color Luminescent Sensors. Chemistry - A European Journal, 2015, 21, 9748-9752.	3.3	123
68	Hydrothermal Synthesis of Single-Crystalline Antimony Telluride Nanobelts. Journal of the American Chemical Society, 2006, 128, 16490-16491.	13.7	121
69	Nanoconfined nitrogen-doped carbon-coated MnO nanoparticles in graphene enabling high performance for lithium-ion batteries and oxygen reduction reaction. Chemical Science, 2016, 7, 4284-4290.	7.4	121
70	Highly Uniform Gd₂O₃ Hollow Microspheres: Template-Directed Synthesis and Luminescence Properties. Langmuir, 2010, 26, 5122-5128.	3.5	120
71	Multishelled Ni _x Co₃₋ _x O₄ Hollow Microspheres Derived from Bimetal-Organic Frameworks as Anode Materials for High-Performance Lithium-Ion Batteries. Small, 2017, 13, 1604270.	10.0	120
72	Syntheses, Structures and Near-IR Luminescent Studies on Ternary Lanthanide (ErIII, HoIII, YbIII, NdIII) Complexes Containing 4,4,5,5,6,6,6-Heptafluoro-1-(2-thienyl)hexane-1,3-dionate. European Journal of Inorganic Chemistry, 2006, 2006, 3962-3973.	2.0	116

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73	Polydopamine coated manganese oxide nanoparticles with ultrahigh relaxivity as nanotheranostic agents for magnetic resonance imaging guided synergetic chemo-/photothermal therapy. Chemical Science, 2016, 7, 6695-6700.	7.4	116
74	Hydrothermal Synthesis and High Photocatalytic Activity of 3D Wurtzite ZnSe Hierarchical Nanostructures. Journal of Physical Chemistry C, 2008, 112, 17095-17101.	3.1	115
75	Co₉S₈ Nanoparticlesâ€Embedded N/Sâ€Codoped Carbon Nanofibers Derived from Metalâ€“Organic Frameworkâ€Wrapped CdS Nanowires for Efficient Oxygen Evolution Reaction. Small, 2018, 14, e1704035.	10.0	115
76	Near-infrared luminescent mesoporous materials covalently bonded with ternary lanthanide [Er(III), Nd(III), Yb(III), Sm(III), Pr(III)] complexes. Microporous and Mesoporous Materials, 2007, 98, 156-165.	4.4	114
77	Injection, Transport, Absorption and Phosphorescence Properties of a Series of Blue-Emitting Ir(III) Emitters in OLEDs: a DFT and Time-Dependent DFT Study. Inorganic Chemistry, 2009, 48, 7740-7749.	4.0	114
78	Î±-NaYb(Mn)F₄:Er³⁺/Tm³⁺@NaYF₄ UCNPs as â€œBand-Shapeâ€•Luminescent Nanothermometers over a Wide Temperature Range. ACS Applied Materials & Interfaces, 2015, 7, 20813-20819.	8.0	114
79	Injectable and NIRâ€Responsive DNAâ€“Inorganic Hybrid Hydrogels with Outstanding Photothermal Therapy. Advanced Materials, 2020, 32, e2004460.	21.0	114
80	Room-Temperature Synthesis of Multi-Morphological Coordination Polymer and Tunable White-Light Emission. Crystal Growth and Design, 2010, 10, 16-19.	3.0	111
81	A comparative study on the electroluminescence properties of some terbium Î²-diketonate complexes. Journal of Materials Chemistry, 2001, 11, 2615-2619.	6.7	110
82	Orienting Zeoliteâ€…L Microcrystals with a Functional Linker. Angewandte Chemie - International Edition, 2010, 49, 1434-1438.	13.8	110
83	Magnesium-Based 3D Metalâ€'Organic Framework Exhibiting Hydrogen-Sorption Hysteresis. Inorganic Chemistry, 2009, 48, 8069-8071.	4.0	109
84	Engineering white light-emitting Eu-doped ZnO urchins by biopolymer-assisted hydrothermal method. Applied Physics Letters, 2006, 89, 123125.	3.3	108
85	Metalâ€“organic framework-based materials for the recovery of uranium from aqueous solutions. Inorganic Chemistry Frontiers, 2019, 6, 1924-1937.	6.0	108
86	A â€œSolid Dualâ€Ionsâ€Transformationâ€•Route to S,N Coâ€Doped Carbon Nanotubes as Highly Efficient â€œMetalâ€Freeâ€•Catalysts for Organic Reactions. Advanced Materials, 2016, 28, 10679-10683.	21.0	107
87	Role of miRâ€150â€targeting câ€Myb in colonic epithelial disruption during dextran sulphate sodiumâ€induced murine experimental colitis and human ulcerative colitis. Journal of Pathology, 2011, 225, 544-553.	4.5	106
88	Plasmonic Pt Superstructures with Boosted Nearâ€Infrared Absorption and Photothermal Conversion Efficiency in the Second Biowindow for Cancer Therapy. Advanced Materials, 2019, 31, e1904836.	21.0	105
89	Synthesis of highly active Ptâ€“CeO2 hybrids with tunable secondary nanostructures for the catalytic hydrolysis of ammonia borane. Chemical Communications, 2012, 48, 10207.	4.1	104
90	Ultra-strong bio-glue from genetically engineered polypeptides. Nature Communications, 2021, 12, 3613.	12.8	104

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91	Bifunctional Magneticâ^'Optical Nanocomposites:â€‰ Grafting Lanthanide Complex onto Coreâ^'Shell Magnetic Silica Nanoarchitecture. Langmuir, 2007, 23, 7836-7840.	3.5	103
92	3D Fe3S4 flower-like microspheres: high-yield synthesis via a biomolecule-assisted solution approach, their electrical, magnetic and electrochemical hydrogen storage properties. Dalton Transactions, 2009, , 9246.	3.3	102
93	Mn^{II}-based MIL-53 Analogues: Synthesis Using Neutral Bridging Î¼₂-Ligands and Application in Liquid-Phase Adsorption and Separation of C6â^'C8 Aromatics. Journal of the American Chemical Society, 2010, 132, 3656-3657.	13.7	102
94	Hydrothermal Synthesis, Structures, and Luminescent Properties of Seven d10 Metalâ^'Organic Frameworks Based on 9,9-Dipropylfluorene-2,7-Dicarboxylic Acid (H2DFDA). Crystal Growth and Design, 2009, 9, 1394-1401.	3.0	101
95	CeO2-encapsulated noble metal nanocatalysts: enhanced activity and stability for catalytic application. NPG Asia Materials, 2015, 7, e179-e179.	7.9	101
96	Lanthanide Anionic Metalâ€“Organic Frameworks Containing Semirigid Tetracarboxylate Ligands: Structure, Photoluminescence, and Magnetism. Crystal Growth and Design, 2012, 12, 1808-1815.	3.0	100
97	Stimuli-responsive nanotheranostics based on lanthanide-doped upconversion nanoparticles for cancer imaging and therapy: current advances and future challenges. Nano Today, 2019, 25, 38-67.	11.9	100
98	Nafionâ€“Carbon Nanocomposite Membranes Prepared Using Hydrothermal Carbonization for Protonâ€Exchangeâ€Membrane Fuel Cells. Advanced Functional Materials, 2010, 20, 4394-4399.	14.9	99
99	High-Performance ZnCo₂O₄@CeO₂ Core@shell Microspheres for Catalytic CO Oxidation. ACS Applied Materials & Interfaces, 2014, 6, 22216-22223.	8.0	98
100	Configurationally Stable Platinahelicene Enantiomers for Efficient Circularly Polarized Phosphorescent Organic Lightâ€Emitting Diodes. Chemistry - A European Journal, 2019, 25, 5672-5676.	3.3	98
101	A ketone functionalized luminescent terbium metalâ€“organic framework for sensing of small molecules. Chemical Communications, 2015, 51, 376-379.	4.1	97
102	Fabrication and Mechanical Properties of Engineered Proteinâ€Based Adhesives and Fibers. Advanced Materials, 2020, 32, e1906360.	21.0	97
103	Microwave-assisted synthesis of BiOBr/graphene nanocomposites and their enhanced photocatalytic activity. Dalton Transactions, 2012, 41, 10472.	3.3	96
104	Electroluminescence based on a Î²-diketonate ternary samarium complex. Journal of Materials Chemistry, 2002, 12, 919-923.	6.7	93
105	Superior catalytic performance of Ce_{1â^'x}Bi_xO_{2â^'Î´}solid solution and Au/Ce_{1â^'x}Bi_xO_{2â^'Î´}for 5-hydroxymethylfurfural conversion in alkaline aqueous solution. Catalysis Science and Technology, 2015, 5, 1314-1322.	4.1	93
106	Semiconducting Polymer Dots Doped with Europium Complexes Showing Ultranarrow Emission and Long Luminescence Lifetime for Timeâ€Gated Cellular Imaging. Angewandte Chemie - International Edition, 2013, 52, 11294-11297.	13.8	92
107	Luminescent film with terbium-complex-bridged polysilsesquioxanesElectronic supplementary information (ESI) available: IR, UV-Vis and excitation spectra and decay curves. See http://www.rsc.org/suppdata/nj/b2/b206815j/. New Journal of Chemistry, 2003, 27, 233-235.	2.8	91
108	Facile Hydrothermal Synthesis and Luminescent Properties of Large-Scale GdVO4:Eu3+ Nanowires. Crystal Growth and Design, 2009, 9, 5101-5107.	3.0	91

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109	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.	3.0	89
110	Rectangular AgIn(WO₄)₂ Nanotubes: A Promising Photoelectric Material. Advanced Functional Materials, 2008, 18, 2328-2334.	14.9	88
111	Facile Synthesis and Luminescence of Uniform Y₂O₃ Hollow Spheres by a Sacrificial Template Route. Inorganic Chemistry, 2010, 49, 7721-7725.	4.0	86
112	Highly efficient green phosphorescent OLEDs based on a novel iridium complex. Journal of Materials Chemistry C, 2013, 1, 560-565.	5.5	86
113	Î³-Al₂O₃ supported Pd@CeO₂ core@shell nanospheres: salting-out assisted growth and self-assembly, and their catalytic performance in CO oxidation. Chemical Science, 2015, 6, 2877-2884.	7.4	86
114	Lanthanide complex/polymer composite optical resin with intense narrow band emission, high transparency and good mechanical performance. Journal of Materials Chemistry, 2003, 13, 2279.	6.7	85
115	Facile Surfactant- and Template-Free Synthesis and Luminescent Properties of One-Dimensional Lu2O3:Eu3+ Phosphors. Journal of Physical Chemistry C, 2009, 113, 153-158.	3.1	85
116	Near-Infrared Emission from Novel Tris(8-hydroxyquinolinate)lanthanide(III) Complexes-Functionalized Mesoporous SBA-15. Langmuir, 2008, 24, 5500-5507.	3.5	84
117	Syntheses, Structures, and Photoluminescent Properties of Coordination Polymers Based on 1,4-Bis(imidazol-l-yl-methyl)benzene and Various Aromatic Dicarboxylic Acids. Crystal Growth and Design, 2012, 12, 253-263.	3.0	84
118	A Temperatureâ€Responsive Smart Europium Metalâ€Organic Framework Switch for Reversible Capture and Release of Intrinsic Eu³⁺ Ions. Advanced Science, 2015, 2, 1500012.	11.2	83
119	Luminescent Properties of Mn2+in Hexagonal Aluminates under Ultraviolet and Vacuum Ultraviolet Excitation. Journal of Physical Chemistry C, 2007, 111, 10657-10661.	3.1	80
120	Facile shape-controlled synthesis of luminescent europium benzene-1,3,5-tricarboxylate architectures at room temperature. CrystEngComm, 2009, 11, 2622.	2.6	80
121	Hierarchically structured Fe₃O₄microspheres: morphology control and their application in wastewater treatment. CrystEngComm, 2011, 13, 642-648.	2.6	80
122	Making a [Co24] metallamacrocycle from the shuttlecock-like tetranuclear cobalt-calixarene building blocks. Chemical Communications, 2010, 46, 6362.	4.1	79
123	Incorporation of luminescent lanthanide complex inside the channels of organically modified mesoporous silica via template-ion exchange method. New Journal of Chemistry, 2005, 29, 1351.	2.8	78
124	Novel Multifunctional Nanocomposites: Magnetic Mesoporous Silica Nanospheres Covalently Bonded with Near-Infrared Luminescent Lanthanide Complexes. Langmuir, 2010, 26, 3596-3600.	3.5	78
125	Near Infrared and Visible Luminescence from Xerogels Covalently Grafted with Lanthanide [Sm³⁺, Yb³⁺, Nd³⁺, Er³⁺, Pr³⁺, Ho³⁺] Î²-Diketonate Derivatives Using Visible Light Excitation. ACS Applied Materials & Interfaces, 2013, 5, 9585-9593.	8.0	78
126	Yb³⁺/Er³⁺-Codoped Bi₂O₃ Nanospheres: Probe for Upconversion Luminescence Imaging and Binary Contrast Agent for Computed Tomography Imaging. ACS Applied Materials & Interfaces, 2015, 7, 26346-26354.	8.0	78

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127	A Bipolar and Selfâ€Polymerized Phthalocyanine Complex for Fast and Tunable Energy Storage in Dualâ€Ion Batteries. Angewandte Chemie - International Edition, 2019, 58, 10204-10208.	13.8	78
128	Genetically Engineered Polypeptide Adhesive Coacervates for Surgical Applications. Angewandte Chemie - International Edition, 2021, 60, 23687-23694.	13.8	78
129	DFT/TDDFT Studies on the Electronic Structures and Spectral Properties of Rhenium(I) Pyridinybenzoimidazole Complexes. Journal of Physical Chemistry A, 2008, 112, 11190-11197.	2.5	77
130	Fe₃O₄@SiO₂@TiO₂@Pt Hierarchical Coreâ€“Shell Microspheres: Controlled Synthesis, Enhanced Degradation System, and Rapid Magnetic Separation to Recycle. Crystal Growth and Design, 2014, 14, 5506-5511.	3.0	77
131	A novel monolith ZnS-ZIF-8 adsorption material for ultraeffective Hg (II) capture from wastewater. Journal of Hazardous Materials, 2019, 367, 381-389.	12.4	76
132	Synthesis, Structure, Photoluminescence, and Electroluminescence Properties of a New Dysprosium Complex. Journal of Physical Chemistry C, 2007, 111, 2295-2300.	3.1	75
133	One-pot synthesis of flowerlike Ni7S6and its application in selective hydrogenation of chloronitrobenzene. Journal of Materials Chemistry, 2010, 20, 1078-1085.	6.7	75
134	Co₃O₄@CeO₂ Core@Shell Cubes: Designed Synthesis and Optimization of Catalytic Properties. Chemistry - A European Journal, 2014, 20, 4469-4473.	3.3	75
135	Amino-functionalized adsorbent prepared by means of Cu(II) imprinted method and its selective removal of copper from aqueous solutions. Journal of Hazardous Materials, 2015, 294, 9-16.	12.4	75
136	Synthesis, photophysical properties, and theoretical studies on pyrrole-containing bromo Re(I) complex. Journal of Organometallic Chemistry, 2009, 694, 3742-3748.	1.8	74
137	Nd³⁺-sensitized NaLuF₄luminescent nanoparticles for multimodal imaging and temperature sensing under 808 nm excitation. Nanoscale, 2015, 7, 17861-17870.	5.6	74
138	CeO₂ nanowires self-inserted into porous Co₃O₄ frameworks as high-performance â€œnoble metal freeâ€•hetero-catalysts. Chemical Science, 2016, 7, 1109-1114.	7.4	74
139	Hexagonal Nanodisks of Cadmium Hydroxide and Oxide with Nanoporous Structure. Crystal Growth and Design, 2006, 6, 915-918.	3.0	73
140	Achieving the Tradeâ€Off between Selectivity and Activity in Semihydrogenation of Alkynes by Fabrication of (Asymmetrical Pd@Ag Core)@(CeO₂ Shell) Nanocatalysts via Autoredox Reaction. Advanced Materials, 2017, 29, 1605332.	21.0	73
141	Optimization of Bi³⁺ in Upconversion Nanoparticles Induced Simultaneous Enhancement of Near-Infrared Optical and X-ray Computed Tomography Imaging Capability. ACS Applied Materials & Interfaces, 2016, 8, 27490-27497.	8.0	72
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