

Hong-Jie Zhang

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594
papers

30,846
citations

88
h-index

150
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635
ext. papers

34,571
ext. citations

7.3
avg, IF

7.38
L-index

#	Paper	IF	Citations
594	Characterization of microRNAs in serum: a novel class of biomarkers for diagnosis of cancer and other diseases. <i>Cell Research</i> , 2008 , 18, 997-1006	24.7	3531
593	Hybrid materials based on lanthanide organic complexes: a review. <i>Chemical Society Reviews</i> , 2013 , 42, 387-410	58.5	609
592	Folded structured graphene paper for high performance electrode materials. <i>Advanced Materials</i> , 2012 , 24, 1089-94	24	576
591	Single-Crystal-to-Single-Crystal Transformation of a Europium(III) Metal-Organic Framework Producing a Multi-responsive Luminescent Sensor. <i>Advanced Functional Materials</i> , 2014 , 24, 4034-4041	15.6	488
590	Proton-conducting crystalline porous materials. <i>Chemical Society Reviews</i> , 2017 , 46, 464-480	58.5	394
589	A layer-structured Eu-MOF as a highly selective fluorescent probe for Fe ³⁺ detection through a cation-exchange approach. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16920		381
588	Hydrothermal synthetic strategies of inorganic semiconducting nanostructures. <i>Chemical Society Reviews</i> , 2013 , 42, 5714-43	58.5	364
587	All-in-One Theranostic Nanoagent with Enhanced Reactive Oxygen Species Generation and Modulating Tumor Microenvironment Ability for Effective Tumor Eradication. <i>ACS Nano</i> , 2018 , 12, 4886-4893	16.7	355
586	A robust near infrared luminescent ytterbium metal-organic framework for sensing of small molecules. <i>Chemical Communications</i> , 2011 , 47, 5551-3	5.8	321
585	One-dimensional channel-structured Eu-MOF for sensing small organic molecules and Cu ²⁺ ion. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11043	13	304
584	Graphene oxide covalently grafted upconversion nanoparticles for combined NIR mediated imaging and photothermal/photodynamic cancer therapy. <i>Biomaterials</i> , 2013 , 34, 7715-24	15.6	302
583	Pt@CeO ₂ multicore@shell self-assembled nanospheres: clean synthesis, structure optimization, and catalytic applications. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15864-72	16.4	288
582	Coordination modulation induced synthesis of nanoscale Eu(1-x)Tb(x)-metal-organic frameworks for luminescent thin films. <i>Advanced Materials</i> , 2010 , 22, 4190-2	24	287
581	Synthesis of 3D Hierarchical Fe ₃ O ₄ /Graphene Composites with High Lithium Storage Capacity and for Controlled Drug Delivery. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 21567-21573	3.8	272
580	Highly efficient green and blue-green phosphorescent OLEDs based on iridium complexes with the tetraphenylimidodiphosphinate ligand. <i>Advanced Materials</i> , 2011 , 23, 4041-6	24	265
579	Synthesis, characterization, and luminescence properties of the ternary europium complex covalently bonded to mesoporous SBA-15. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 15278-87	3.4	257
578	Lanthanide Ion Codoped Emitters for Tailoring Emission Trajectory and Temperature Sensing. <i>Advanced Functional Materials</i> , 2015 , 25, 1463-1469	15.6	226

577	Highly efficient heterogeneous catalytic materials derived from metal-organic framework supports/precursors. <i>Coordination Chemistry Reviews</i> , 2017 , 337, 80-96	23.2	225
576	One-Dimensional Fe P Acts as a Fenton Agent in Response to NIR II Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2407-2412	16.4	222
575	A {Co ₃ } nanosphere supported by p-tert-butylthiacalix[4]arene. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11650-1	16.4	219
574	Binary temporal upconversion codes of Mn-activated nanoparticles for multilevel anti-counterfeiting. <i>Nature Communications</i> , 2017 , 8, 899	17.4	202
573	White-light emission from a single-emitting-component Ca ₉ Gd(PO ₄) ₇ :Eu ²⁺ ,Mn ²⁺ phosphor with tunable luminescent properties for near-UV light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9061		197
572	Polyhedral 50-facet Cu ₂ O microcrystals partially enclosed by {311} high-index planes: synthesis and enhanced catalytic CO oxidation activity. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17084-7	16.4	195
571	Efficient electroluminescence from new lanthanide (Eu ³⁺ , Sm ³⁺) complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 1611-8	5.1	193
570	Synthesis, characterization and assembly of BiOCl nanostructure and their photocatalytic properties. <i>CrystEngComm</i> , 2009 , 11, 1857	3.3	189
569	Facile Synthesis and Assemblies of Flowerlike SnS ₂ and In ³⁺ -Doped SnS ₂ : Hierarchical Structures and Their Enhanced Photocatalytic Property. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 1280-1285	3.8	180
568	Combining Coordination Modulation with AcidBase Adjustment for the Control over Size of MetalOrganic Frameworks. <i>Chemistry of Materials</i> , 2012 , 24, 444-450	9.6	177
567	Calixarene-based nanoscale coordination cages. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1585-8	16.4	164
566	Highly fluorescent nitrogen-doped carbon dots with excellent thermal and photo stability applied as invisible ink for loading important information and anti-counterfeiting. <i>Nanoscale</i> , 2017 , 9, 491-496	7.7	162
565	Hydrothermal growth and gas sensing property of flower-shaped SnS ₂ nanostructures. <i>Nanotechnology</i> , 2006 , 17, 2918-2924	3.4	162
564	Room temperature, template-free synthesis of BiOI hierarchical structures: visible-light photocatalytic and electrochemical hydrogen storage properties. <i>Dalton Transactions</i> , 2010 , 39, 3273-8	4.3	158
563	Ultrafast Synthesis of Ultrasmall Poly(Vinylpyrrolidone)-Protected Bismuth Nanodots as a Multifunctional Theranostic Agent for In Vivo Dual-Modal CT/Photothermal-Imaging-Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1702018	15.6	157
562	Hydrothermal Synthesis and Thermoelectric Transport Properties of Impurity-Free Antimony Telluride Hexagonal Nanoplates. <i>Advanced Materials</i> , 2008 , 20, 1892-1897	24	154
561	General and Facile Method To Prepare Uniform Y ₂ O ₃ :Eu Hollow Microspheres. <i>Crystal Growth and Design</i> , 2009 , 9, 301-307	3.5	152
560	Controlled Fabrication of Gold-Coated 3D Ordered Colloidal Crystal Films and Their Application in Surface-Enhanced Raman Spectroscopy. <i>Chemistry of Materials</i> , 2005 , 17, 5731-5736	9.6	142

- 559 Morphology-Controlled Synthesis of Magnetites with Nanoporous Structures and Excellent Magnetic Properties. *Chemistry of Materials*, **2008**, 20, 198-204 9.6 141
- 558 Remote manipulation of upconversion luminescence. *Chemical Society Reviews*, **2018**, 47, 6473-6485 58.5 139
- 557 Covalent linking of near-infrared luminescent ternary lanthanide (Er(3+), Nd(3+), Yb(3+)) complexes on functionalized mesoporous MCM-41 and SBA-15. *Journal of Physical Chemistry B*, **2006**, 110, 7249-58 3.4 139
- 556 Facile and rapid fabrication of nanostructured lanthanide coordination polymers as selective luminescent probes in aqueous solution. *Journal of Materials Chemistry*, **2012**, 22, 6819 137
- 555 Thiacalix[4]arene-supported planar Ln(4) (Ln = Tb(III), Dy(III)) clusters: toward luminescent and magnetic bifunctional materials. *Inorganic Chemistry*, **2009**, 48, 11743-7 5.1 137
- 554 Optical Properties and Energy Transfer of NaCaPO₄:Ce³⁺, Tb³⁺ Phosphors for Potential Application in Light-Emitting Diodes. *European Journal of Inorganic Chemistry*, **2010**, 2010, 4636-4642 2.3 135
- 553 ZnO-based hollow microspheres: biopolymer-assisted assemblies from ZnO nanorods. *Journal of Physical Chemistry B*, **2006**, 110, 15847-52 3.4 134
- 552 A Metal-Organic Framework/DNA Hybrid System as a Novel Fluorescent Biosensor for Mercury(II) Ion Detection. *Chemistry - A European Journal*, **2016**, 22, 477-80 4.8 133
- 551 A europium(III) based metal-organic framework: bifunctional properties related to sensing and electronic conductivity. *Journal of Materials Chemistry A*, **2014**, 2, 237-244 13 131
- 550 Fabrication of core-shell Au-Pt nanoparticle film and its potential application as catalysis and SERS substrate. *Journal of Materials Chemistry*, **2004**, 14, 1005 130
- 549 Facile and rapid fabrication of metal-organic framework nanobelts and color-tunable photoluminescence properties. *Journal of Materials Chemistry*, **2010**, 20, 3272 129
- 548 Hierarchically Nanostructured Coordination Polymer: Facile and Rapid Fabrication and Tunable Morphologies. *Crystal Growth and Design*, **2010**, 10, 790-797 3.5 128
- 547 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, 6174-82 3.4 128
- 546 Preparation and luminescence properties of sol-gel hybrid materials incorporated with europium complexes. *Journal of Materials Science*, **2000**, 35, 4325-4328 4.3 120
- 545 Selectively deposited noble metal nanoparticles on Fe₃O₄/graphene composites: stable, recyclable, and magnetically separable catalysts. *Chemistry - A European Journal*, **2012**, 18, 7601-7 4.8 119
- 544 Lanthanide-doped upconversion materials: emerging applications for photovoltaics and photocatalysis. *Nanotechnology*, **2014**, 25, 482001 3.4 115
- 543 Green synthesis of Pt/CeO₂/graphene hybrid nanomaterials with remarkably enhanced electrocatalytic properties. *Chemical Communications*, **2012**, 48, 2885-7 5.8 114
- 542 Hydrothermal synthesis of single-crystalline antimony telluride nanobelts. *Journal of the American Chemical Society*, **2006**, 128, 16490-1 16.4 114

541	Nanoconfined nitrogen-doped carbon-coated MnO nanoparticles in graphene enabling high performance for lithium-ion batteries and oxygen reduction reaction. <i>Chemical Science</i> , 2016 , 7, 4284-4294	4.4	112
540	Highly uniform Gd ₂ O ₃ hollow microspheres: template-directed synthesis and luminescence properties. <i>Langmuir</i> , 2010 , 26, 5122-8	4	112
539	Encapsulation of Ln(III) Ions/Dyes within a Microporous Anionic MOF by Post-synthetic Ionic Exchange Serving as a Ln(III) Ion Probe and Two-Color Luminescent Sensors. <i>Chemistry - A European Journal</i> , 2015 , 21, 9748-52	4.8	111
538	Orienting zeolite L microcrystals with a functional linker. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1434-8	16.4	110
537	Near-infrared luminescent mesoporous materials covalently bonded with ternary lanthanide [Er(III), Nd(III), Yb(III), Sm(III), Pr(III)] complexes. <i>Microporous and Mesoporous Materials</i> , 2007 , 98, 156-165	5.3	110
536	Tailored lanthanide-doped upconversion nanoparticles and their promising bioapplication prospects. <i>Coordination Chemistry Reviews</i> , 2018 , 364, 10-32	23.2	109
535	Copper(I) Phosphide Nanocrystals for In Situ Self-Generation Magnetic Resonance Imaging-Guided Photothermal-Enhanced Chemodynamic Synergetic Therapy Resisting Deep-Seated Tumor. <i>Advanced Functional Materials</i> , 2019 , 29, 1904678	15.6	107
534	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. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 3962-3973	2.3	106
533	Engineering white light-emitting Eu-doped ZnO urchins by biopolymer-assisted hydrothermal method. <i>Applied Physics Letters</i> , 2006 , 89, 123125	3.4	105
532	Magnesium-based 3D metal-organic framework exhibiting hydrogen-sorption hysteresis. <i>Inorganic Chemistry</i> , 2009 , 48, 8069-71	5.1	103
531	Injection, transport, absorption and phosphorescence properties of a series of blue-emitting Ir(III) emitters in OLEDs: a DFT and time-dependent DFT study. <i>Inorganic Chemistry</i> , 2009 , 48, 7740-9	5.1	103
530	A comparative study on the electroluminescence properties of some terbium β -diketonate complexes. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2615-2619		103
529	Room-Temperature Synthesis of Multi-Morphological Coordination Polymer and Tunable White-Light Emission. <i>Crystal Growth and Design</i> , 2010 , 10, 16-19	3.5	102
528	β -NaYb(Mn)F ₄ :Er(3+)/Tm(3+)@NaYF ₄ UCNPs as "Band-Shape" Luminescent Nanothermometers over a Wide Temperature Range. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20813-9	9.5	100
527	Hydrothermal Synthesis and High Photocatalytic Activity of 3D Wurtzite ZnSe Hierarchical Nanostructures. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 17095-17101	3.8	100
526	Lanthanide Anionic Metal-Organic Frameworks Containing Semirigid Tetracarboxylate Ligands: Structure, Photoluminescence, and Magnetism. <i>Crystal Growth and Design</i> , 2012 , 12, 1808-1815	3.5	99
525	Bi ₂ Te ₃ nanoplates and nanoflowers: Synthesized by hydrothermal process and their enhanced thermoelectric properties. <i>CrystEngComm</i> , 2012 , 14, 2159	3.3	98
524	Mn(II)-based MIL-53 analogues: synthesis using neutral bridging μ_2 -ligands and application in liquid-phase adsorption and separation of C ₆ -C ₈ aromatics. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3656-7	16.4	98

523	Bifunctional magnetic-optical nanocomposites: grafting lanthanide complex onto core-shell magnetic silica nanoarchitecture. <i>Langmuir</i> , 2007 , 23, 7836-40	4	97
522	Multishelled Ni Co O Hollow Microspheres Derived from Bimetal-Organic Frameworks as Anode Materials for High-Performance Lithium-Ion Batteries. <i>Small</i> , 2017 , 13, 1604270	11	95
521	Polydopamine coated manganese oxide nanoparticles with ultrahigh relaxivity as nanotheranostic agents for magnetic resonance imaging guided synergetic chemo-/photothermal therapy. <i>Chemical Science</i> , 2016 , 7, 6695-6700	9.4	95
520	Ultrafast Synthesis of Novel Hexagonal Phase NaBiF Upconversion Nanoparticles at Room Temperature. <i>Advanced Materials</i> , 2017 , 29, 1700505	24	94
519	Role of miR-150-targeting c-Myb in colonic epithelial disruption during dextran sulphate sodium-induced murine experimental colitis and human ulcerative colitis. <i>Journal of Pathology</i> , 2011 , 225, 544-53	9.4	92
518	Hydrothermal Synthesis, Structures, and Luminescent Properties of Seven d10 Metal-Organic Frameworks Based on 9,9-Dipropylfluorene-2,7-Dicarboxylic Acid (H2DFDA). <i>Crystal Growth and Design</i> , 2009 , 9, 1394-1401	3.5	92
517	3D Fe3S4 flower-like microspheres: high-yield synthesis via a biomolecule-assisted solution approach, their electrical, magnetic and electrochemical hydrogen storage properties. <i>Dalton Transactions</i> , 2009 , 9246-52	4.3	92
516	Molecular Engineering of Monodisperse SnO2 Nanocrystals Anchored on Doped Graphene with High-Performance Lithium/Sodium-Storage Properties in Half/Full Cells. <i>Advanced Energy Materials</i> , 2019 , 9, 1802993	21.8	92
515	Microwave-assisted synthesis of BiOBr/graphene nanocomposites and their enhanced photocatalytic activity. <i>Dalton Transactions</i> , 2012 , 41, 10472-6	4.3	91
514	Synthesis of highly active Pt-CeO2 hybrids with tunable secondary nanostructures for the catalytic hydrolysis of ammonia borane. <i>Chemical Communications</i> , 2012 , 48, 10207-9	5.8	91
513	A ketone functionalized luminescent terbium metal-organic framework for sensing of small molecules. <i>Chemical Communications</i> , 2015 , 51, 376-9	5.8	90
512	Nafion-Carbon Nanocomposite Membranes Prepared Using Hydrothermal Carbonization for Proton-Exchange-Membrane Fuel Cells. <i>Advanced Functional Materials</i> , 2010 , 20, 4394-4399	15.6	90
511	Luminescent film with terbium-complex-bridged polysilsesquioxanes. <i>New Journal of Chemistry</i> , 2003 , 27, 233-235	3.6	89
510	A "Solid Dual-Ions-Transformation" Route to S,N Co-Doped Carbon Nanotubes as Highly Efficient "Metal-Free" Catalysts for Organic Reactions. <i>Advanced Materials</i> , 2016 , 28, 10679-10683	24	88
509	Solvent-dependent carbon dots and their applications in the detection of water in organic solvents. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 7527-7532	7.1	88
508	Controllable Synthesis of Mesoporous TiO2 Polymorphs with Tunable Crystal Structure for Enhanced Photocatalytic H2 Production. <i>Advanced Energy Materials</i> , 2019 , 9, 1901634	21.8	88
507	Facile Hydrothermal Synthesis and Luminescent Properties of Large-Scale GdVO4:Eu3+ Nanowires. <i>Crystal Growth and Design</i> , 2009 , 9, 5101-5107	3.5	88
506	High-performance ZnCo@CeO2@core@shell microspheres for catalytic CO oxidation. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22216-23	9.5	87

505	Electroluminescence based on a β -diketonate ternary samarium complex. <i>Journal of Materials Chemistry</i> , 2002 , 12, 919-923		86
504	Co S Nanoparticles-Embedded N/S-Codoped Carbon Nanofibers Derived from Metal-Organic Framework-Wrapped CdS Nanowires for Efficient Oxygen Evolution Reaction. <i>Small</i> , 2018 , 14, e1704035 ¹¹		85
503	Rewritable Optical Memory Through High-Registry Orthogonal Upconversion. <i>Advanced Materials</i> , 2018 , 30, e1801726	24	85
502	Semiconducting polymer dots doped with europium complexes showing ultranarrow emission and long luminescence lifetime for time-gated cellular imaging. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11294-7	16.4	85
501	Facile Surfactant- and Template-Free Synthesis and Luminescent Properties of One-Dimensional Lu ₂ O ₃ :Eu ³⁺ Phosphors. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 153-158	3.8	84
500	Pt/CeO ₂ @MOF Nanoreactor for Selective Hydrogenation of Furfural via the Channel Screening Effect. <i>ACS Catalysis</i> , 2018 , 8, 8506-8512	13.1	83
499	Syntheses, Structures, and Photoluminescent Properties of Coordination Polymers Based on 1,4-Bis(imidazol-1-yl-methyl)benzene and Various Aromatic Dicarboxylic Acids. <i>Crystal Growth and Design</i> , 2012 , 12, 253-263	3.5	83
498	CeO ₂ -encapsulated noble metal nanocatalysts: enhanced activity and stability for catalytic application. <i>NPG Asia Materials</i> , 2015 , 7, e179-e179	10.3	82
497	Facile synthesis and luminescence of uniform Y ₂ O ₃ hollow spheres by a sacrificial template route. <i>Inorganic Chemistry</i> , 2010 , 49, 7721-5	5.1	82
496	Rectangular AgIn(WO ₄) ₂ Nanotubes: A Promising Photoelectric Material. <i>Advanced Functional Materials</i> , 2008 , 18, 2328-2334	15.6	82
495	Near-infrared emission from novel Tris(8-hydroxyquinolate)lanthanide(III) complexes-functionalized mesoporous SBA-15. <i>Langmuir</i> , 2008 , 24, 5500-7	4	80
494	Lanthanide complex/polymer composite optical resin with intense narrow band emission, high transparency and good mechanical performance. <i>Journal of Materials Chemistry</i> , 2003 , 13, 2279		80
493	Synthesis and Luminescence Properties of Bi-Activated KMgGeO: A Promising High-Brightness Orange-Emitting Phosphor for WLEDs Conversion. <i>Inorganic Chemistry</i> , 2018 , 57, 12303-12311	5.1	78
492	Hierarchically structured Fe ₃ O ₄ microspheres: morphology control and their application in wastewater treatment. <i>CrystEngComm</i> , 2011 , 13, 642-648	3.3	77
491	γ -AlO supported Pd@CeO core@shell nanospheres: salting-out assisted growth and self-assembly, and their catalytic performance in CO oxidation. <i>Chemical Science</i> , 2015 , 6, 2877-2884	9.4	76
490	Coordination-Induced Formation of One-Dimensional Nanostructures of Europium Benzene-1,3,5-tricarboxylate and Its Solid-State Thermal Transformation. <i>Crystal Growth and Design</i> , 2009 , 9, 3519-3524	3.5	76
489	Superior catalytic performance of Ce _{1-x} BixO ₂ solid solution and Au/Ce _{1-x} BixO ₂ for 5-hydroxymethylfurfural conversion in alkaline aqueous solution. <i>Catalysis Science and Technology</i> , 2015 , 5, 1314-1322	5.5	75
488	Highly efficient green phosphorescent OLEDs based on a novel iridium complex. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 560-565	7.1	75

487	Incorporation of luminescent lanthanide complex inside the channels of organically modified mesoporous silica via template-ion exchange method. <i>New Journal of Chemistry</i> , 2005 , 29, 1351	3.6	75
486	Luminescent Properties of Mn ²⁺ in Hexagonal Aluminates under Ultraviolet and Vacuum Ultraviolet Excitation. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 10657-10661	3.8	73
485	Novel multifunctional nanocomposites: magnetic mesoporous silica nanospheres covalently bonded with near-infrared luminescent lanthanide complexes. <i>Langmuir</i> , 2010 , 26, 3596-600	4	72
484	A Temperature-Responsive Smart Europium Metal-Organic Framework Switch for Reversible Capture and Release of Intrinsic Eu Ions. <i>Advanced Science</i> , 2015 , 2, 1500012	13.6	71
483	Near infrared and visible luminescence from xerogels covalently grafted with lanthanide [Sm(3+), Yb(3+), Nd(3+), Er(3+), Pr(3+), Ho(3+)] β-diketonate derivatives using visible light excitation. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 9585-93	9.5	70
482	Making a [Co ₂₄] metallamacrocycle from the shuttlecock-like tetranuclear cobalt-calixarene building blocks. <i>Chemical Communications</i> , 2010 , 46, 6362-4	5.8	70
481	Amino-functionalized adsorbent prepared by means of Cu(II) imprinted method and its selective removal of copper from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2015 , 294, 9-16	12.8	69
480	DFT/TDDFT studies on the electronic structures and spectral properties of rhenium(I) pyridinylbenzimidazole complexes. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 11190-7	2.8	69
479	Surface modification and functionalization of microporous hybrid material for luminescence sensing. <i>Chemistry - A European Journal</i> , 2010 , 16, 2125-30	4.8	68
478	Hexagonal Nanodisks of Cadmium Hydroxide and Oxide with Nanoporous Structure. <i>Crystal Growth and Design</i> , 2006 , 6, 915-918	3.5	68
477	Synthesis, Structure, Photoluminescence, and Electroluminescence Properties of a New Dysprosium Complex. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 2295-2300	3.8	67
476	Nd ³⁺ -sensitized NaLuF ₄ luminescent nanoparticles for multimodal imaging and temperature sensing under 808 nm excitation. <i>Nanoscale</i> , 2015 , 7, 17861-70	7.7	66
475	Co ₃ O ₄ @CeO ₂ core@shell cubes: designed synthesis and optimization of catalytic properties. <i>Chemistry - A European Journal</i> , 2014 , 20, 4469-73	4.8	66
474	One-pot synthesis of flowerlike Ni ₇ S ₆ and its application in selective hydrogenation of chloronitrobenzene. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1078-1085		66
473	Yb ³⁺ /Er ³⁺ -Codoped Bi ₂ O ₃ Nanospheres: Probe for Upconversion Luminescence Imaging and Binary Contrast Agent for Computed Tomography Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26346-54	9.5	65
472	Facile shape-controlled synthesis of luminescent europium benzene-1,3,5-tricarboxylate architectures at room temperature. <i>CrystEngComm</i> , 2009 , 11, 2622	3.3	65
471	Synthesis and optical properties of europium-complex-doped inorganic/organic hybrid materials built from oxo-hydroxo organotin nano building blocks. <i>Chemistry - A European Journal</i> , 2010 , 16, 1903-10 ⁸	10.8	65
470	Glycyl Glycine Templating Synthesis of Single-Crystal Silver Nanoplates. <i>Crystal Growth and Design</i> , 2006 , 6, 2155-2158	3.5	65

469	Stimuli-responsive nanotheranostics based on lanthanide-doped upconversion nanoparticles for cancer imaging and therapy: current advances and future challenges. <i>Nano Today</i> , 2019 , 25, 38-67	17.9	64
468	Plasmonic Pt Superstructures with Boosted Near-Infrared Absorption and Photothermal Conversion Efficiency in the Second Biowindow for Cancer Therapy. <i>Advanced Materials</i> , 2019 , 31, e1904836	24.4	64
467	Fe ₃ O ₄ @SiO ₂ @TiO ₂ @Pt Hierarchical Core-Shell Microspheres: Controlled Synthesis, Enhanced Degradation System, and Rapid Magnetic Separation to Recycle. <i>Crystal Growth and Design</i> , 2014 , 14, 5506-5511	3.5	64
466	CeO nanowires self-inserted into porous CoO frameworks as high-performance "noble metal free" hetero-catalysts. <i>Chemical Science</i> , 2016 , 7, 1109-1114	9.4	63
465	An active-site-accessible porous metal-organic framework composed of triangular building units: preparation, catalytic activity and magnetic property. <i>Chemical Communications</i> , 2012 , 48, 11118-20	5.8	63
464	Synthesis, photophysical properties, and theoretical studies on pyrrole-containing bromo Re(I) complex. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 3742-3748	2.3	63
463	Achieving the Trade-Off between Selectivity and Activity in Semihydrogenation of Alkynes by Fabrication of (Asymmetrical Pd@Ag Core)@(CeO Shell) Nanocatalysts via Autoredox Reaction. <i>Advanced Materials</i> , 2017 , 29, 1605332	24	62
462	Confining the Nucleation of Pt to In Situ Form (Pt-Enriched Cage)@CeO Core@Shell Nanostructure as Excellent Catalysts for Hydrogenation Reactions. <i>Advanced Materials</i> , 2017 , 29, 1700495	24	61
461	A multifunctional proton-conducting and sensing pillar-layer framework based on [24-MC-6] heterometallic crown clusters. <i>Chemical Communications</i> , 2013 , 49, 8483-5	5.8	61
460	Direct hydrothermal synthesis of single-crystalline triangular Fe ₃ O ₄ nanoprisms. <i>CrystEngComm</i> , 2010 , 12, 2060	3.3	61
459	Improved size control of large palladium nanoparticles by a seeding growth method. <i>Journal of Materials Chemistry</i> , 2002 , 12, 156-158		61
458	ZnO-functionalized upconverting nanotheranostic agent: multi-modality imaging-guided chemotherapy with on-demand drug release triggered by pH. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 536-40	16.4	60
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