

# Shuyan Song

## List of Publications by Year in descending order

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397  
papers

40,698  
citations

2538

96  
h-index

2940

189  
g-index

408  
all docs

408  
docs citations

408  
times ranked

39296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic peroxidase-like activity of ferromagnetic nanoparticles. <i>Nature Nanotechnology</i> , 2007, 2, 577-583.	15.6	5,080
2	Noble metal-free hydrogen evolution catalysts for water splitting. <i>Chemical Society Reviews</i> , 2015, 44, 5148-5180.	18.7	4,776
3	Electrochemical Reduction of $N_2$ under Ambient Conditions for Artificial $N_2$ Fixation and Renewable Energy Storage Using $N_2/NH_3$ Cycle. <i>Advanced Materials</i> , 2017, 29, 1604799.	11.1	969
4	Folded Structured Graphene Paper for High Performance Electrode Materials. <i>Advanced Materials</i> , 2012, 24, 1089-1094.	11.1	619
5	Industrial carbon dioxide capture and utilization: state of the art and future challenges. <i>Chemical Society Reviews</i> , 2020, 49, 8584-8686.	18.7	610
6	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.	7.8	542
7	Formation of Onion-Like $NiCo_2S_4$ Particles via Sequential Ion-Exchange for Hybrid Supercapacitors. <i>Advanced Materials</i> , 2017, 29, 1605051.	11.1	539
8	Proton-conducting crystalline porous materials. <i>Chemical Society Reviews</i> , 2017, 46, 464-480.	18.7	530
9	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.	7.3	510
10	Macroscopic Foam-Like Holey Ultrathin $g-C_3N_4$ Nanosheets for Drastic Improvement of Visible-Light Photocatalytic Activity. <i>Advanced Energy Materials</i> , 2016, 6, 1601273.	10.2	466
11	Ultrafast Formation of Amorphous Bimetallic Hydroxide Films on 3D Conductive Sulfide Nanoarrays for Large-Current-Density Oxygen Evolution Electrocatalysis. <i>Advanced Materials</i> , 2017, 29, 1700404.	11.1	462
12	Protective Coating of Superparamagnetic Iron Oxide Nanoparticles. <i>Chemistry of Materials</i> , 2003, 15, 1617-1627.	3.2	450
13	Hydrothermal synthetic strategies of inorganic semiconducting nanostructures. <i>Chemical Society Reviews</i> , 2013, 42, 5714.	18.7	437
14	Structural design of graphene for use in electrochemical energy storage devices. <i>Chemical Society Reviews</i> , 2015, 44, 6230-6257.	18.7	389
15	Corrosion engineering towards efficient oxygen evolution electrodes with stable catalytic activity for over 6000 hours. <i>Nature Communications</i> , 2018, 9, 2609.	5.8	389
16	Metal-Organic Framework Hybrid-Assisted Formation of $Co_3O_4/CoFe$ Oxide Double-Shelled Nanoboxes for Enhanced Oxygen Evolution. <i>Advanced Materials</i> , 2018, 30, e1801211.	11.1	374
17	Multi-shelled metal oxides prepared via an anion-adsorption mechanism for lithium-ion batteries. <i>Nature Energy</i> , 2016, 1, .	19.8	352
18	Coupling Sub-Nanometric Copper Clusters with Quasi-Amorphous Cobalt Sulfide Yields Efficient and Robust Electrocatalysts for Water Splitting Reaction. <i>Advanced Materials</i> , 2017, 29, 1606200.	11.1	350

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19	Graphene oxide covalently grafted upconversion nanoparticles for combined NIR mediated imaging and photothermal/photodynamic cancer therapy. <i>Biomaterials</i> , 2013, 34, 7715-7724.	5.7	344
20	One-dimensional channel-structured Eu-MOF for sensing small organic molecules and Cu <sup>2+</sup> ion. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11043.	5.2	341
21	Homogeneous CoO on Graphene for Binder-Free and Ultralong-Life Lithium Ion Batteries. <i>Advanced Functional Materials</i> , 2013, 23, 4345-4353.	7.8	333
22	Pt@CeO <sub>2</sub> Multicore@Shell Self-Assembled Nanospheres: Clean Synthesis, Structure Optimization, and Catalytic Applications. <i>Journal of the American Chemical Society</i> , 2013, 135, 15864-15872.	6.6	323
23	One-Dimensional Fe <sub>2</sub> P Acts as a Fenton Agent in Response to NIR-III Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2407-2412.	7.2	315
24	Binary temporal upconversion codes of Mn <sup>2+</sup> -activated nanoparticles for multilevel anti-counterfeiting. <i>Nature Communications</i> , 2017, 8, 899.	5.8	290
25	Synthesis of 3D Hierarchical Fe <sub>3</sub> O <sub>4</sub> /Graphene Composites with High Lithium Storage Capacity and for Controlled Drug Delivery. <i>Journal of Physical Chemistry C</i> , 2011, 115, 21567-21573.	1.5	288
26	Highly efficient heterogeneous catalytic materials derived from metal-organic framework supports/precursors. <i>Coordination Chemistry Reviews</i> , 2017, 337, 80-96.	9.5	282
27	Ultrathin Porous NiFeV Ternary Layer Hydroxide Nanosheets as a Highly Efficient Bifunctional Electrocatalyst for Overall Water Splitting. <i>Small</i> , 2018, 14, 1703257.	5.2	279
28	Bismuthene for highly efficient carbon dioxide electroreduction reaction. <i>Nature Communications</i> , 2020, 11, 1088.	5.8	278
29	In Situ Generation of Bifunctional, Efficient Fe-Based Catalysts from Mackinawite Iron Sulfide for Water Splitting. <i>CheM</i> , 2018, 4, 1139-1152.	5.8	271
30	Prevention of dendrite growth and volume expansion to give high-performance aprotic bimetallic Li-Na alloy-O <sub>2</sub> batteries. <i>Nature Chemistry</i> , 2019, 11, 64-70.	6.6	265
31	Lanthanide Ion Codoped Emitters for Tailoring Emission Trajectory and Temperature Sensing. <i>Advanced Functional Materials</i> , 2015, 25, 1463-1469.	7.8	263
32	Studies on the magnetism of cobalt ferrite nanocrystals synthesized by hydrothermal method. <i>Journal of Solid State Chemistry</i> , 2008, 181, 245-252.	1.4	260
33	Cathode Surface-Induced, Solvation-Mediated, Micrometer-Sized Li <sub>2</sub> O <sub>2</sub> Cycling for Li-O <sub>2</sub> Batteries. <i>Advanced Materials</i> , 2016, 28, 9620-9628.	11.1	232
34	Surfactant-Free Aqueous Synthesis of Pure Single-Crystalline SnSe Nanosheet Clusters as Anode for High Energy and Power Density Sodium-Ion Batteries. <i>Advanced Materials</i> , 2017, 29, 1602469.	11.1	231
35	Rhodium-nickel nanoparticles grown on graphene as highly efficient catalyst for complete decomposition of hydrous hydrazine at room temperature for chemical hydrogen storage. <i>Energy and Environmental Science</i> , 2012, 5, 6885.	15.6	214
36	Synthesis, characterization and assembly of BiOCl nanostructure and their photocatalytic properties. <i>CrystEngComm</i> , 2009, 11, 1857.	1.3	210

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37	Remote manipulation of upconversion luminescence. <i>Chemical Society Reviews</i> , 2018, 47, 6473-6485.	18.7	210
38	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.	7.8	203
39	Facile Synthesis and Assemblies of Flowerlike SnS <sub>2</sub> and In <sup>3+</sup> -Doped SnS <sub>2</sub> : Hierarchical Structures and Their Enhanced Photocatalytic Property. <i>Journal of Physical Chemistry C</i> , 2009, 113, 1280-1285.	1.5	201
40	Crystallization design of MnO <sub>2</sub> towards better supercapacitance. <i>CrystEngComm</i> , 2012, 14, 5892.	1.3	187
41	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.	7.8	185
42	Bottom-up engineering of thermoelectric nanomaterials and devices from solution-processed nanoparticle building blocks. <i>Chemical Society Reviews</i> , 2017, 46, 3510-3528.	18.7	184
43	Alkali Metal Anodes for Rechargeable Batteries. <i>CheM</i> , 2019, 5, 313-338.	5.8	170
44	Room temperature, template-free synthesis of BiOI hierarchical structures: Visible-light photocatalytic and electrochemical hydrogen storage properties. <i>Dalton Transactions</i> , 2010, 39, 3273.	1.6	169
45	Preparation and enhanced visible light photocatalytic activity of novel g-C <sub>3</sub> N <sub>4</sub> nanosheets loaded with Ag <sub>2</sub> CO <sub>3</sub> nanoparticles. <i>Nanoscale</i> , 2015, 7, 758-764.	2.8	166
46	Hydrothermal Synthesis and Thermoelectric Transport Properties of Impurity-Free Antimony Telluride Hexagonal Nanoplates. <i>Advanced Materials</i> , 2008, 20, 1892-1897.	11.1	162
47	Flexible Electrodes for Sodium-Ion Batteries: Recent Progress and Perspectives. <i>Advanced Materials</i> , 2017, 29, 1703012.	11.1	156
48	Two Coordination Polymers of Ag(I) with 5-Sulfosalicylic Acid. <i>Crystal Growth and Design</i> , 2005, 5, 807-812.	1.4	155
49	A Metal-Organic Framework/DNA Hybrid System as a Novel Fluorescent Biosensor for Mercury(II) Ion Detection. <i>Chemistry - A European Journal</i> , 2016, 22, 477-480.	1.7	155
50	Morphology-Controlled Synthesis of Magnetites with Nanoporous Structures and Excellent Magnetic Properties. <i>Chemistry of Materials</i> , 2008, 20, 198-204.	3.2	152
51	Influence of Neutral Ligands on the Structures of Silver(I) Sulfonates. <i>Inorganic Chemistry</i> , 2005, 44, 9374-9383.	1.9	151
52	A europium(III) based metal-organic framework: bifunctional properties related to sensing and electronic conductivity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 237-244.	5.2	149
53	Pt/CeO <sub>2</sub> @MOF Core@Shell Nanoreactor for Selective Hydrogenation of Furfural via the Channel Screening Effect. <i>ACS Catalysis</i> , 2018, 8, 8506-8512.	5.5	145
54	Preparation of Carbon-Rich g-C <sub>3</sub> N <sub>4</sub> Nanosheets with Enhanced Visible Light Utilization for Efficient Photocatalytic Hydrogen Production. <i>Small</i> , 2017, 13, 1701552.	5.2	142

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55	A Flexible and Wearable Lithium-Oxygen Battery with Record Energy Density achieved by the Interlaced Architecture inspired by Bamboo Slips. <i>Advanced Materials</i> , 2016, 28, 8413-8418.	11.1	138
56	In Situ Formation of Co <sub>9</sub> S <sub>8</sub> Quantum Dots in MOF-Derived Ternary Metal Layered Double Hydroxide Nanoarrays for High-Performance Hybrid Supercapacitors. <i>Advanced Energy Materials</i> , 2020, 10, 1903193.	10.2	138
57	In situ loading of Ag <sub>2</sub> WO <sub>4</sub> on ultrathin g-C <sub>3</sub> N <sub>4</sub> nanosheets with highly enhanced photocatalytic performance. <i>Journal of Hazardous Materials</i> , 2016, 313, 219-228.	6.5	135
58	Two-dimensional NiCo <sub>2</sub> O <sub>4</sub> nanosheet-coated three-dimensional graphene networks for high-rate, long-cycle-life supercapacitors. <i>Nanoscale</i> , 2015, 7, 7035-7039.	2.8	134
59	Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> Nanoparticles Trigger Antitumor Immunotherapy through Reactive Oxygen Species Storm and Surge of Tumor Osmolarity. <i>Journal of the American Chemical Society</i> , 2020, 142, 21751-21757.	6.6	133
60	Green synthesis of Pt/CeO <sub>2</sub> /graphene hybrid nanomaterials with remarkably enhanced electrocatalytic properties. <i>Chemical Communications</i> , 2012, 48, 2885.	2.2	131
61	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, 536-540.	7.2	131
62	Controllable Synthesis of Mesoporous TiO <sub>2</sub> Polymorphs with Tunable Crystal Structure for Enhanced Photocatalytic H <sub>2</sub> Production. <i>Advanced Energy Materials</i> , 2019, 9, 1901634.	10.2	131
63	Syntheses, Structures, and Photoluminescent Properties of 12 New Metal-Organic Frameworks Constructed by a Flexible Dicarboxylate and Various N-Donor Ligands. <i>Crystal Growth and Design</i> , 2012, 12, 2397-2410.	1.4	129
64	Molecular Engineering of Monodisperse SnO <sub>2</sub> Nanocrystals Anchored on Doped Graphene with High-Performance Lithium/Sodium-Storage Properties in Half/Full Cells. <i>Advanced Energy Materials</i> , 2019, 9, 1802993.	10.2	129
65	Selectively Deposited Noble Metal Nanoparticles on Fe <sub>3</sub> O <sub>4</sub> /Graphene Composites: Stable, Recyclable, and Magnetically Separable Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 7601-7607.	1.7	126
66	Luminescent Anionic Metal-Organic Framework with Potential Nitrobenzene Sensing. <i>Crystal Growth and Design</i> , 2014, 14, 3174-3178.	1.4	126
67	Bi <sub>2</sub> Te <sub>3</sub> nanoplates and nanoflowers: Synthesized by hydrothermal process and their enhanced thermoelectric properties. <i>CrystEngComm</i> , 2012, 14, 2159.	1.3	125
68	Syntheses and Applications of Noble-Metal-free CeO <sub>2</sub> -Based Mixed-Oxide Nanocatalysts. <i>Chem</i> , 2019, 5, 1743-1774.	5.8	125
69	Defect modified zinc oxide with augmenting sonodynamic reactive oxygen species generation. <i>Biomaterials</i> , 2020, 251, 120075.	5.7	125
70	Encapsulation of Ln <sup>III</sup> Ions/Dyes within a Microporous Anionic MOF by Post-synthetic Ionic Exchange Serving as a Ln <sup>III</sup> Ion Probe and Two-Color Luminescent Sensors. <i>Chemistry - A European Journal</i> , 2015, 21, 9748-9752.	1.7	123
71	Formation of Septuple-Shelled (Co <sub>2/3</sub> Mn <sub>1/3</sub> )(Co <sub>5/6</sub> Mn <sub>1/6</sub> ) <sub>2</sub> O <sub>4</sub> Hollow Spheres as Electrode Material for Alkaline Rechargeable Battery. <i>Advanced Materials</i> , 2017, 29, 1700550.	11.1	122
72	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, 4284-4290.	3.7	121

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73	Multishelled Ni <sub>x</sub> Co <sub>3-x</sub> O <sub>4</sub> Hollow Microspheres Derived from Bimetal-Organic Frameworks as Anode Materials for High-Performance Lithium-Ion Batteries. <i>Small</i> , 2017, 13, 1604270.	5.2	120
74	A new type of double-chain based 3D lanthanide(iii) metal-organic framework demonstrating proton conduction and tunable emission. <i>Chemical Communications</i> , 2014, 50, 1912.	2.2	118
75	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.	3.7	116
76	Hydrothermal Synthesis and High Photocatalytic Activity of 3D Wurtzite ZnSe Hierarchical Nanostructures. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17095-17101.	1.5	115
77	Co <sub>9</sub> S <sub>8</sub> Nanoparticles Embedded N-Codoped Carbon Nanofibers Derived from Metal-Organic Framework-Wrapped CdS Nanowires for Efficient Oxygen Evolution Reaction. <i>Small</i> , 2018, 14, e1704035.	5.2	115
78	Er <sup>3+</sup> /Tm <sup>3+</sup> @NaYF <sub>4</sub> UCNPs as Band-Shape-Luminescent Nanothermometers over a Wide Temperature Range. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20813-20819.	4.0	114
79	Catalytic Mechanisms of Nanozymes and Their Applications in Biomedicine. <i>Bioconjugate Chemistry</i> , 2019, 30, 1273-1296.	1.8	113
80	Surface photovoltage characterization of a ZnO nanowire array/CdS quantum dot heterogeneous film and its application for photovoltaic devices. <i>Nanotechnology</i> , 2009, 20, 155707.	1.3	110
81	Smart Porous Core-Shell Cuprous Oxide Nanocatalyst with High Biocompatibility for Acid-Triggered Chemo/Chemodynamic Synergistic Therapy. <i>Small</i> , 2020, 16, e2001805.	5.2	109
82	Blood-Capillary-Inspired, Free-Standing, Flexible, and Low-Cost Super-Hydrophobic Na-CNTs@SS Cathodes for High-Capacity, High-Rate, and Stable Li-Air Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1702242.	10.2	108
83	Metal-organic framework-based materials for the recovery of uranium from aqueous solutions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1924-1937.	3.0	108
84	A Solid Dual-Cons 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.	11.1	107
85	Acid-Base-Triggered Structural Transformation of a Polyoxometalate Core Inside a Dodecahedrane-Like Silver Thiolate Shell. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3699-3703.	7.2	106
86	Preparation and enhanced photocatalytic performance of sulfur doped terminal-methylated g-C <sub>3</sub> N <sub>4</sub> nanosheets with extended visible-light response. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20640-20648.	5.2	105
87	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.	11.1	105
88	Synthesis of highly active Pt-CeO <sub>2</sub> hybrids with tunable secondary nanostructures for the catalytic hydrolysis of ammonia borane. <i>Chemical Communications</i> , 2012, 48, 10207.	2.2	104
89	3D Fe <sub>3</sub> S <sub>4</sub> 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.	1.6	102
90	Hydrothermal Synthesis, Structures, and Luminescent Properties of Seven d <sup>10</sup> Metal-Organic Frameworks Based on 9,9-Dipropylfluorene-2,7-Dicarboxylic Acid (H <sub>2</sub> DFDA). <i>Crystal Growth and Design</i> , 2009, 9, 1394-1401.	1.4	101

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91	In situ generated Fe <sub>3</sub> O <sub>4</sub> in homogeneous iron matrix toward high-performance cathode material for sodium-ion batteries. <i>Nano Energy</i> , 2014, 10, 295-304.	8.2	101
92	CeO <sub>2</sub> -encapsulated noble metal nanocatalysts: enhanced activity and stability for catalytic application. <i>NPG Asia Materials</i> , 2015, 7, e179-e179.	3.8	101
93	Lanthanide Anionic Metal-Organic Frameworks Containing Semirigid Tetracarboxylate Ligands: Structure, Photoluminescence, and Magnetism. <i>Crystal Growth and Design</i> , 2012, 12, 1808-1815.	1.4	100
94	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.	6.2	100
95	Syntheses, Structures, and Characterizations of Four New Silver(I) Sulfonate Coordination Polymers with Neutral Ligands. <i>Crystal Growth and Design</i> , 2006, 6, 209-215.	1.4	99
96	Microwave-assisted synthesis of BiOBr/graphene nanocomposites and their enhanced photocatalytic activity. <i>Dalton Transactions</i> , 2012, 41, 10472.	1.6	96
97	A tetranuclear copper cluster-based MOF with sulfonate-carboxylate ligands exhibiting high proton conduction properties. <i>Chemical Communications</i> , 2015, 51, 8150-8152.	2.2	96
98	Copper Salts Mediated Morphological Transformation of Cu <sub>2</sub> O from Cubes to Hierarchical Flower-like or Microspheres and Their Supercapacitors Performances. <i>Scientific Reports</i> , 2015, 5, 9672.	1.6	90
99	Rectangular AgIn(WO <sub>4</sub> ) <sub>2</sub> Nanotubes: A Promising Photoelectric Material. <i>Advanced Functional Materials</i> , 2008, 18, 2328-2334.	7.8	88
100	Vapor-phase crystallization route to oxidized Cu foils in air as anode materials for lithium-ion batteries. <i>CrystEngComm</i> , 2013, 15, 144-151.	1.3	87
101	Hollow Multishelled Structure of Heterogeneous Co <sub>3</sub> O <sub>4</sub> @CeO <sub>2</sub> Nanocomposite for CO Catalytic Oxidation. <i>Advanced Functional Materials</i> , 2019, 29, 1806588.	7.8	86
102	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.	1.4	84
103	A Temperature-Responsive Smart Europium Metal-Organic Framework Switch for Reversible Capture and Release of Intrinsic Eu <sup>3+</sup> Ions. <i>Advanced Science</i> , 2015, 2, 1500012.	5.6	83
104	Bimetallic NiCo <sub>2</sub> S <sub>4</sub> Nanoneedles Anchored on Mesocarbon Microbeads as Advanced Electrodes for Asymmetric Supercapacitors. <i>Nano-Micro Letters</i> , 2019, 11, 35.	14.4	83
105	Prussian Blue Analogs and Their Derived Nanomaterials for Electrochemical Energy Storage and Electrocatalysis. <i>Small Methods</i> , 2021, 5, e2001000.	4.6	81
106	Hierarchically structured Fe <sub>3</sub> O <sub>4</sub> microspheres: morphology control and their application in wastewater treatment. <i>CrystEngComm</i> , 2011, 13, 642-648.	1.3	80
107	Facile Synthesis and Properties of Hierarchical Double-Walled Copper Silicate Hollow Nanofibers Assembled by Nanotubes. <i>ACS Nano</i> , 2014, 8, 3664-3670.	7.3	80
108	Dual Defects Adjusted Crystal Field Splitting of LaCo <sub>1-x</sub> Ni <sub>x</sub> O <sub>3</sub> Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19691-19695.	7.2	80

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109	Novel Multifunctional Nanocomposites: Magnetic Mesoporous Silica Nanospheres Covalently Bonded with Near-Infrared Luminescent Lanthanide Complexes. <i>Langmuir</i> , 2010, 26, 3596-3600.	1.6	78
110	Yb <sup>3+</sup> /Er <sup>3+</sup> -Codoped Bi <sub>2</sub> O <sub>3</sub> Nanospheres: Probe for Upconversion Luminescence Imaging and Binary Contrast Agent for Computed Tomography Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 26346-26354.	4.0	78
111	A Bipolar and Self-Polymerized Phthalocyanine Complex for Fast and Tunable Energy Storage in Dual-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10204-10208.	7.2	78
112	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @TiO <sub>2</sub> @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.	1.4	77
113	Preparation and gas storage of high surface area microporous carbon derived from biomass source cornstalks. <i>Bioresource Technology</i> , 2008, 99, 4803-4808.	4.8	76
114	A stable, pillar-layer metal-organic framework containing uncoordinated carboxyl groups for separation of transition metal ions. <i>Chemical Communications</i> , 2014, 50, 6406-6408.	2.2	76
115	One-pot synthesis of flowerlike Ni <sub>7</sub> S <sub>6</sub> and its application in selective hydrogenation of chloronitrobenzene. <i>Journal of Materials Chemistry</i> , 2010, 20, 1078-1085.	6.7	75
116	Co <sub>3</sub> O <sub>4</sub> @CeO <sub>2</sub> Core@Shell Cubes: Designed Synthesis and Optimization of Catalytic Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 4469-4473.	1.7	75
117	Photothermal-Enhanced Inactivation of Glutathione Peroxidase for Ferroptosis Sensitized by an Autophagy Promotor. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42988-42997.	4.0	75
118	Copper doped ceria porous nanostructures towards a highly efficient bifunctional catalyst for carbon monoxide and nitric oxide elimination. <i>Chemical Science</i> , 2015, 6, 2495-2500.	3.7	74
119	CeO <sub>2</sub> nanowires self-inserted into porous Co <sub>3</sub> O <sub>4</sub> frameworks as high-performance noble metal free-hetero-catalysts. <i>Chemical Science</i> , 2016, 7, 1109-1114.	3.7	74
120	Achieving the Trade-Off between Selectivity and Activity in Semihydrogenation of Alkynes by Fabrication of (Asymmetrical Pd@Ag Core)@(CeO <sub>2</sub> Shell) Nanocatalysts via Auto-redox Reaction. <i>Advanced Materials</i> , 2017, 29, 1605332.	11.1	73
121	Optimization of Bi <sup>3+</sup> in Upconversion Nanoparticles Induced Simultaneous Enhancement of Near-Infrared Optical and X-ray Computed Tomography Imaging Capability. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 27490-27497.	4.0	72
122	High-Performance Integrated Self-Package Flexible Li-O <sub>2</sub> Battery Based on Stable Composite Anode and Flexible Gas Diffusion Layer. <i>Advanced Materials</i> , 2017, 29, 1700378.	11.1	72
123	Confining the Nucleation of Pt to In Situ Form (Pt-Enriched Cage)@CeO <sub>2</sub> Core@Shell Nanostructure as Excellent Catalysts for Hydrogenation Reactions. <i>Advanced Materials</i> , 2017, 29, 1700495.	11.1	72
124	Design strategies and applications of charged metal organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019, 398, 113007.	9.5	72
125	Surface Sulfurization of NiCo-Layered Double Hydroxide Nanosheets Enable Superior and Durable Oxygen Evolution Electrocatalysis. <i>ACS Applied Energy Materials</i> , 2018, 1, 4040-4049.	2.5	71
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