

# Shuyan Song

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

391  
papers

31,510  
citations

83  
h-index

166  
g-index

408  
ext. papers

36,132  
ext. citations

9.2  
avg, IF

7.76  
L-index

#	Paper	IF	Citations
391	Noble metal-free hydrogen evolution catalysts for water splitting. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 5148-80	58.5	3702
390	Intrinsic peroxidase-like activity of ferromagnetic nanoparticles. <i>Nature Nanotechnology</i> , <b>2007</b> , 2, 577-83	28.7	3616
389	Electrochemical Reduction of N under Ambient Conditions for Artificial N Fixation and Renewable Energy Storage Using N /NH Cycle. <i>Advanced Materials</i> , <b>2017</b> , 29, 1604799	24	762
388	Folded structured graphene paper for high performance electrode materials. <i>Advanced Materials</i> , <b>2012</b> , 24, 1089-94	24	576
387	Single-Crystal-to-Single-Crystal Transformation of a Europium(III) Metal-Organic Framework Producing a Multi-responsive Luminescent Sensor. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 4034-4041	15.6	488
386	Formation of Onion-Like NiCo S Particles via Sequential Ion-Exchange for Hybrid Supercapacitors. <i>Advanced Materials</i> , <b>2017</b> , 29, 1605051	24	453
385	Protective Coating of Superparamagnetic Iron Oxide Nanoparticles. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 1617-1627	9.6	414
384	Proton-conducting crystalline porous materials. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 464-480	58.5	394
383	Hydrothermal synthetic strategies of inorganic semiconducting nanostructures. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 5714-43	58.5	364
382	All-in-One Theranostic Nanoagent with Enhanced Reactive Oxygen Species Generation and Modulating Tumor Microenvironment Ability for Effective Tumor Eradication. <i>ACS Nano</i> , <b>2018</b> , 12, 4886-4893	16.7	355
381	Macroscopic Foam-Like Holey Ultrathin g-C <sub>3</sub> N <sub>4</sub> Nanosheets for Drastic Improvement of Visible-Light Photocatalytic Activity. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1601273	21.8	354
380	Structural design of graphene for use in electrochemical energy storage devices. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 6230-57	58.5	343
379	Ultrafast Formation of Amorphous Bimetallic Hydroxide Films on 3D Conductive Sulfide Nanoarrays for Large-Current-Density Oxygen Evolution Electrocatalysis. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700404	24	327
378	Homogeneous CoO on Graphene for Binder-Free and Ultralong-Life Lithium Ion Batteries. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 4345-4353	15.6	313
377	Multi-shelled metal oxides prepared via an anion-adsorption mechanism for lithium-ion batteries. <i>Nature Energy</i> , <b>2016</b> , 1,	62.3	304
376	One-dimensional channel-structured Eu-MOF for sensing small organic molecules and Cu <sup>2+</sup> ion. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 11043	13	304
375	Graphene oxide covalently grafted upconversion nanoparticles for combined NIR mediated imaging and photothermal/photodynamic cancer therapy. <i>Biomaterials</i> , <b>2013</b> , 34, 7715-24	15.6	302

374	Coupling Sub-Nanometric Copper Clusters with Quasi-Amorphous Cobalt Sulfide Yields Efficient and Robust Electrocatalysts for Water Splitting Reaction. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606200	24	290
373	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> , <b>2013</b> , 135, 15864-72	16.4	288
372	Metal-Organic Framework Hybrid-Assisted Formation of Co O /Co-Fe Oxide Double-Shelled Nanoboxes for Enhanced Oxygen Evolution. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801211	24	287
371	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> , <b>2011</b> , 115, 21567-21573	3.8	272
370	Corrosion engineering towards efficient oxygen evolution electrodes with stable catalytic activity for over 6000 hours. <i>Nature Communications</i> , <b>2018</b> , 9, 2609	17.4	244
369	Lanthanide Ion Codoped Emitters for Tailoring Emission Trajectory and Temperature Sensing. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1463-1469	15.6	226
368	Studies on the magnetism of cobalt ferrite nanocrystals synthesized by hydrothermal method. <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 245-252	3.3	226
367	Highly efficient heterogeneous catalytic materials derived from metal-organic framework supports/precursors. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 337, 80-96	23.2	225
366	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> , <b>2019</b> , 58, 2407-2412	16.4	222
365	Ultrathin Porous NiFeV Ternary Layer Hydroxide Nanosheets as a Highly Efficient Bifunctional Electrocatalyst for Overall Water Splitting. <i>Small</i> , <b>2018</b> , 14, 1703257	11	206
364	Binary temporal upconversion codes of Mn-activated nanoparticles for multilevel anti-counterfeiting. <i>Nature Communications</i> , <b>2017</b> , 8, 899	17.4	202
363	Prevention of dendrite growth and volume expansion to give high-performance aprotic bimetallic Li-Na alloy-O batteries. <i>Nature Chemistry</i> , <b>2019</b> , 11, 64-70	17.6	198
362	Cathode Surface-Induced, Solvation-Mediated, Micrometer-Sized Li O Cycling for Li-O Batteries. <i>Advanced Materials</i> , <b>2016</b> , 28, 9620-9628	24	192
361	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> , <b>2017</b> , 29, 1602469	24	192
360	Synthesis, characterization and assembly of BiOCl nanostructure and their photocatalytic properties. <i>CrystEngComm</i> , <b>2009</b> , 11, 1857	3.3	189
359	Rhodium-Rickel 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> , <b>2012</b> , 5, 6885	35.4	187
358	Industrial carbon dioxide capture and utilization: state of the art and future challenges. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 8584-8686	58.5	184
357	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> , <b>2009</b> , 113, 1280-1285	3.8	180

356	In Situ Generation of Bifunctional, Efficient Fe-Based Catalysts from Mackinawite Iron Sulfide for Water Splitting. <i>CheM</i> , <b>2018</b> , 4, 1139-1152	16.2	175
355	Crystallization design of MnO <sub>2</sub> towards better supercapacitance. <i>CrystEngComm</i> , <b>2012</b> , 14, 5892	3.3	165
354	Room temperature, template-free synthesis of BiOI hierarchical structures: visible-light photocatalytic and electrochemical hydrogen storage properties. <i>Dalton Transactions</i> , <b>2010</b> , 39, 3273-8	4.3	158
353	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> , <b>2017</b> , 27, 1702018	15.6	157
352	Hydrothermal Synthesis and Thermoelectric Transport Properties of Impurity-Free Antimony Telluride Hexagonal Nanoplates. <i>Advanced Materials</i> , <b>2008</b> , 20, 1892-1897	24	154
351	Two Coordination Polymers of Ag(I) with 5-Sulfosalicylic Acid. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 807-813	3.5	152
350	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> , <b>2015</b> , 7, 758-64	7.7	146
349	Influence of neutral ligands on the structures of silver(I) sulfonates. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 9374-83	3.1	143
348	Morphology-Controlled Synthesis of Magnetites with Nanoporous Structures and Excellent Magnetic Properties. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 198-204	9.6	141
347	Remote manipulation of upconversion luminescence. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 6473-6485	58.5	139
346	A Metal-Organic Framework/DNA Hybrid System as a Novel Fluorescent Biosensor for Mercury(II) Ion Detection. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 477-80	4.8	133
345	A europium(III) based metal-organic framework: bifunctional properties related to sensing and electronic conductivity. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 237-244	13	131
344	Bottom-up engineering of thermoelectric nanomaterials and devices from solution-processed nanoparticle building blocks. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 3510-3528	58.5	127
343	Flexible Electrodes for Sodium-Ion Batteries: Recent Progress and Perspectives. <i>Advanced Materials</i> , <b>2017</b> , 29, 1703012	24	126
342	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> , <b>2015</b> , 7, 7035-9	7.7	126
341	Bismuthene for highly efficient carbon dioxide electroreduction reaction. <i>Nature Communications</i> , <b>2020</b> , 11, 1088	17.4	125
340	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> , <b>2012</b> , 12, 2397-2410	3.5	123
339	Luminescent Anionic Metal-Organic Framework with Potential Nitrobenzene Sensing. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 3174-3178	3.5	120

338	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> , <b>2012</b> , 18, 7601-7	4.8	119
337	In situ loading of Ag <sub>2</sub> WO <sub>4</sub> on ultrathin g-C(3)N(4) nanosheets with highly enhanced photocatalytic performance. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 313, 219-28	12.8	119
336	Green synthesis of Pt/CeO <sub>2</sub> /graphene hybrid nanomaterials with remarkably enhanced electrocatalytic properties. <i>Chemical Communications</i> , <b>2012</b> , 48, 2885-7	5.8	114
335	A Flexible and Wearable Lithium-Oxygen Battery with Record Energy Density achieved by the Interlaced Architecture inspired by Bamboo Slips. <i>Advanced Materials</i> , <b>2016</b> , 28, 8413-8418	24	114
334	Nanoconfined nitrogen-doped carbon-coated MnO nanoparticles in graphene enabling high performance for lithium-ion batteries and oxygen reduction reaction. <i>Chemical Science</i> , <b>2016</b> , 7, 4284-4290	9.4	112
333	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> , <b>2015</b> , 21, 9748-52	4.8	111
332	A new type of double-chain based 3D lanthanide(III) metal-organic framework demonstrating proton conduction and tunable emission. <i>Chemical Communications</i> , <b>2014</b> , 50, 1912-4	5.8	108
331	Formation of Septuple-Shelled (Co Mn) <sub>2</sub> (Co Mn) <sub>2</sub> O Hollow Spheres as Electrode Material for Alkaline Rechargeable Battery. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700550	24	108
330	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> , <b>2019</b> , 29, 1904678	15.6	107
329	Surface photovoltage characterization of a ZnO nanowire array/CdS quantum dot heterogeneous film and its application for photovoltaic devices. <i>Nanotechnology</i> , <b>2009</b> , 20, 155707	3.4	106
328	Preparation of Carbon-Rich g-C N Nanosheets with Enhanced Visible Light Utilization for Efficient Photocatalytic Hydrogen Production. <i>Small</i> , <b>2017</b> , 13, 1701552	11	105
327	Alkali Metal Anodes for Rechargeable Batteries. <i>CheM</i> , <b>2019</b> , 5, 313-338	16.2	103
326	NaYb(Mn)F <sub>4</sub> :Er(3+)/Tm(3+)@NaYF <sub>4</sub> UCNPs as "Band-Shape" Luminescent Nanothermometers over a Wide Temperature Range. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 20813-9	9.5	100
325	Hydrothermal Synthesis and High Photocatalytic Activity of 3D Wurtzite ZnSe Hierarchical Nanostructures. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 17095-17101	3.8	100
324	Lanthanide Anionic Metal-Organic Frameworks Containing Semirigid Tetracarboxylate Ligands: Structure, Photoluminescence, and Magnetism. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 1808-1815	3.5	99
323	Bi <sub>2</sub> Te <sub>3</sub> nanoplates and nanoflowers: Synthesized by hydrothermal process and their enhanced thermoelectric properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 2159	3.3	98
322	Syntheses, Structures, and Characterizations of Four New Silver(I) Sulfonate Coordination Polymers with Neutral Ligands. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 209-215	3.5	98
321	Multishelled Ni Co O Hollow Microspheres Derived from Bimetal-Organic Frameworks as Anode Materials for High-Performance Lithium-Ion Batteries. <i>Small</i> , <b>2017</b> , 13, 1604270	11	95

320	Polydopamine coated manganese oxide nanoparticles with ultrahigh relaxivity as nanotheranostic agents for magnetic resonance imaging guided synergetic chemo-/photothermal therapy. <i>Chemical Science</i> , <b>2016</b> , 7, 6695-6700	9.4	95
319	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> , <b>2009</b> , 9, 1394-1401	3.5	92
318	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> , <b>2009</b> , 9246-52	4.3	92
317	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> , <b>2019</b> , 9, 1802993	21.8	92
316	Microwave-assisted synthesis of BiOBr/graphene nanocomposites and their enhanced photocatalytic activity. <i>Dalton Transactions</i> , <b>2012</b> , 41, 10472-6	4.3	91
315	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> , <b>2012</b> , 48, 10207-9	5.8	91
314	Acid-Base-Triggered Structural Transformation of a Polyoxometalate Core Inside a Dodecahedrane-like Silver Thiolate Shell. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3699-703	16.4	91
313	In situ generated FeF <sub>3</sub> in homogeneous iron matrix toward high-performance cathode material for sodium-ion batteries. <i>Nano Energy</i> , <b>2014</b> , 10, 295-304	17.1	90
312	Blood-Capillary-Inspired, Free-Standing, Flexible, and Low-Cost Super-Hydrophobic N-CNTs@SS Cathodes for High-Capacity, High-Rate, and Stable Li-Air Batteries. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1702242	21.8	88
311	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> , <b>2016</b> , 28, 10679-10683	24	88
310	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> , <b>2019</b> , 9, 1901634	21.8	88
309	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> , <b>2018</b> , 14, e1704035 <sup>11</sup>	11	85
308	Pt/CeO <sub>2</sub> @MOF [email protected] Nanoreactor for Selective Hydrogenation of Furfural via the Channel Screening Effect. <i>ACS Catalysis</i> , <b>2018</b> , 8, 8506-8512	13.1	83
307	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> , <b>2012</b> , 12, 253-263	3.5	83
306	CeO <sub>2</sub> -encapsulated noble metal nanocatalysts: enhanced activity and stability for catalytic application. <i>NPG Asia Materials</i> , <b>2015</b> , 7, e179-e179	10.3	82
305	Rectangular AgIn(WO <sub>4</sub> ) <sub>2</sub> Nanotubes: A Promising Photoelectric Material. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 2328-2334	15.6	82
304	Vapor-phase crystallization route to oxidized Cu foils in air as anode materials for lithium-ion batteries. <i>CrystEngComm</i> , <b>2013</b> , 15, 144-151	3.3	80
303	A tetranuclear copper cluster-based MOF with sulfonate-carboxylate ligands exhibiting high proton conduction properties. <i>Chemical Communications</i> , <b>2015</b> , 51, 8150-2	5.8	79

302	Facile synthesis and properties of hierarchical double-walled copper silicate hollow nanofibers assembled by nanotubes. <i>ACS Nano</i> , <b>2014</b> , 8, 3664-70	16.7	77
301	Hierarchically structured Fe <sub>3</sub> O <sub>4</sub> microspheres: morphology control and their application in wastewater treatment. <i>CrystEngComm</i> , <b>2011</b> , 13, 642-648	3.3	77
300	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> , <b>2015</b> , 5, 9672	4.9	76
299	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> , <b>2020</b> , 10, 1903193	21.8	74
298	Novel multifunctional nanocomposites: magnetic mesoporous silica nanospheres covalently bonded with near-infrared luminescent lanthanide complexes. <i>Langmuir</i> , <b>2010</b> , 26, 3596-600	4	72
297	A Temperature-Responsive Smart Europium Metal-Organic Framework Switch for Reversible Capture and Release of Intrinsic Eu Ions. <i>Advanced Science</i> , <b>2015</b> , 2, 1500012	13.6	71
296	Preparation and gas storage of high surface area microporous carbon derived from biomass source cornstalks. <i>Bioresource Technology</i> , <b>2008</b> , 99, 4803-8	11	69
295	A stable, pillar-layer metal-organic framework containing uncoordinated carboxyl groups for separation of transition metal ions. <i>Chemical Communications</i> , <b>2014</b> , 50, 6406-8	5.8	68
294	High-Performance Integrated Self-Package Flexible Li-O Battery Based on Stable Composite Anode and Flexible Gas Diffusion Layer. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700378	24	67
293	Catalytic Mechanisms of Nanozymes and Their Applications in Biomedicine. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 1273-1296	6.3	67
292	Co(3)O(4)@CeO(2) core@shell cubes: designed synthesis and optimization of catalytic properties. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 4469-73	4.8	66
291	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> , <b>2010</b> , 20, 1078-1085		66
290	Beyond graphene: materials chemistry toward high performance inorganic functional materials. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 2441-2453	13	65
289	Water-soluble inorganic salts with ultrahigh specific capacitance: crystallization transformation investigation of CuCl <sub>2</sub> electrodes. <i>CrystEngComm</i> , <b>2013</b> , 15, 10367	3.3	65
288	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> , <b>2015</b> , 7, 26346-54	9.5	65
287	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> , <b>2010</b> , 16, 1903-10	4.8	65
286	Stimuli-responsive nanotheranostics based on lanthanide-doped upconversion nanoparticles for cancer imaging and therapy: current advances and future challenges. <i>Nano Today</i> , <b>2019</b> , 25, 38-67	17.9	64
285	Plasmonic Pt Superstructures with Boosted Near-Infrared Absorption and Photothermal Conversion Efficiency in the Second Biowindow for Cancer Therapy. <i>Advanced Materials</i> , <b>2019</b> , 31, e1904336	24	64

284	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @TiO <sub>2</sub> @Pt Hierarchical CoreShell Microspheres: Controlled Synthesis, Enhanced Degradation System, and Rapid Magnetic Separation to Recycle. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 5506-5511	3.5	64
283	Highly transparent bulk PMMA/ZnO nanocomposites with bright visible luminescence and efficient UV-shielding capability. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 11971		64
282	CeO nanowires self-inserted into porous CoO frameworks as high-performance "noble metal free" hetero-catalysts. <i>Chemical Science</i> , <b>2016</b> , 7, 1109-1114	9.4	63
281	An active-site-accessible porous metal-organic framework composed of triangular building units: preparation, catalytic activity and magnetic property. <i>Chemical Communications</i> , <b>2012</b> , 48, 11118-20	5.8	63
280	Structural study of silver(I) sulfonate complexes with pyrazine derivatives. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7299-311	5.1	63
279	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> , <b>2017</b> , 29, 1605332	24	62
278	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> , <b>2017</b> , 29, 1700495	24	61
277	A multifunctional proton-conducting and sensing pillar-layer framework based on [24-MC-6] heterometallic crown clusters. <i>Chemical Communications</i> , <b>2013</b> , 49, 8483-5	5.8	61
276	Direct hydrothermal synthesis of single-crystalline triangular Fe <sub>3</sub> O <sub>4</sub> nanoprisms. <i>CrystEngComm</i> , <b>2010</b> , 12, 2060	3.3	61
275	ZnO-functionalized upconverting nanotheranostic agent: multi-modality imaging-guided chemotherapy with on-demand drug release triggered by pH. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 536-40	16.4	60
274	Syntheses and Applications of Noble-Metal-free CeO <sub>2</sub> -Based Mixed-Oxide Nanocatalysts. <i>Chem</i> , <b>2019</b> , 5, 1743-1774	16.2	59
273	Copper doped ceria porous nanostructures towards a highly efficient bifunctional catalyst for carbon monoxide and nitric oxide elimination. <i>Chemical Science</i> , <b>2015</b> , 6, 2495-2500	9.4	59
272	Optimization of Bi in Upconversion Nanoparticles Induced Simultaneous Enhancement of Near-Infrared Optical and X-ray Computed Tomography Imaging Capability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 27490-27497	9.5	59
271	A Porphyrin-Based Porous rhl Metal-Organic Framework as an Efficient Catalyst for the Cycloaddition of CO to Epoxides. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 16991-16997	4.8	59
270	Porous Co <sub>3</sub> O <sub>4</sub> microcubes: hydrothermal synthesis, catalytic and magnetic properties. <i>CrystEngComm</i> , <b>2011</b> , 13, 2123	3.3	58
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133	Luminescent Lanthanide Metal-Organic Frameworks. <i>Structure and Bonding</i> , <b>2014</b> , 109-144	0.9	17
132	Facile Synthesis of Hierarchical Magnesium Silicate Hollow Nanofibers Assembled by Nanosheets as an Efficient Adsorbent. <i>ChemPlusChem</i> , <b>2015</b> , 80, 544-548	2.8	17
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119	Guests inducing p-sulfonatocalix[4]arenes into nanocapsule and layer structure. <i>Journal of Solid State Chemistry</i> , <b>2010</b> , 183, 1457-1463	3.3	15
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114	Core-shell-shell heterostructures of $\text{NaLuF}_4\text{:Yb/Er@NaLuF}_4\text{:Yb@MF}_2$ (M = Ca, Sr, Ba) with remarkably enhanced upconversion luminescence. <i>Dalton Transactions</i> , <b>2016</b> , 45, 11129-36	4.3	14
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30	Layer-by-Layer Electrodeposition of FTO/TiO <sub>2</sub> /Cu <sub>2</sub> O/CeO <sub>2</sub> (1 Small Methods, <b>2021</b> , 5, e2100423	12.8	3
29	Cancer therapeutic strategies based on metal ions. <i>Chemical Science</i> , <b>2021</b> , 12, 12234-12247	9.4	3
28	Cascade-responsive nanobomb with domino effect for anti-tumor synergistic therapies.. <i>National Science Review</i> , <b>2022</b> , 9, nwab139	10.8	3
27	Optical fiber sensor based on upconversion nanoparticles for internal temperature monitoring of Li-ion batteries. <i>Journal of Materials Chemistry C</i> ,	7.1	3
26	[(UO <sub>2</sub> )(C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> ) <sub>2</sub> ][HPW <sub>12</sub> O <sub>40</sub> ]: The First Case of a Uranyl Coordination Network Containing a Keggin-Type Polyoxometalate. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 4577-4580	2.3	3
25	Superior Oxygen Evolution Reaction Performance of Co <sub>3</sub> O <sub>4</sub> /NiCo <sub>2</sub> O <sub>4</sub> /Ni Foam Composite with Hierarchical Structure. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> ,	8.3	2
24	Two new tetrazamacrocycle based Cu(II) complexes with 2D-3D single-crystal to single-crystal transformation. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 57, 26-28	3.1	2
23	Injection, transport, absorption and phosphorescence properties of a series of platinum (II) complexes with N-heterocyclic carbenes: a DFT and time-dependent DFT study. <i>Journal of Molecular Modeling</i> , <b>2014</b> , 20, 2437	2	2
22	Synthesis of monodispersed Au@S hybrid nanocrystals via a solid-liquid interfacial reaction. <i>CrystEngComm</i> , <b>2012</b> , 14, 7552	3.3	2
21	Carbon anode material formed from template molecules occluded in a magnesium-substituted aluminophosphate. <i>Materials Chemistry and Physics</i> , <b>2009</b> , 113, 309-313	4.4	2
20	Bimetallic nanozyme with cascade effect for synergistic therapy of cancer.. <i>ChemMedChem</i> , <b>2022</b> ,	3.7	2
19	Bimetallic catalyst derived from copper cobalt carbonate hydroxides mediated ZIF-67 composite for efficient hydrogenation of 4-nitrophenol. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 641, 128477	5.1	2
18	Boosting the Catalytic Performance of Cu <sub>2</sub> O in CO <sub>2</sub> Hydrogenation by Incorporating CeO <sub>2</sub> Promoters. <i>Advanced Sustainable Systems</i> , 2100439	5.9	2
17	Increased solar absorption and promoted photocarrier separation in atomically thin 2D carbon nitride sheets for enhanced visible-light photocatalysis. <i>Chemical Engineering Journal</i> , <b>2021</b> , 431, 133219 <sup>14-7</sup>	14.7	2
16	Robust Synthesis of Gold-Based Multishell Structures as Plasmonic Catalysts for Selective Hydrogenation of 4-Nitrostyrene. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1119-1123	3.6	2
15	Ultra-Small Noble Metal Ceria-Based Catalytic Materials: From Synthesis to Application. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 689-701	2.3	2

14	Dual-Site Single-Atom Catalysts with High Performance for Three-Way Catalysis.. <i>Advanced Materials</i> , <b>2022</b> , e2201859	24	2
13	Photophysical properties and theoretical calculations of Cu(I) dendrimers. <i>Journal of Luminescence</i> , <b>2014</b> , 148, 103-110	3.8	1
12	Green self-redox synthesis of Rh-PPy-RGO ternary nanocomposite with highly increased catalytic performances. <i>Main Group Chemistry</i> , <b>2017</b> , 16, 199-206	0.6	1
11	Poly[[diaqua-bis-(4-[6-(4-carboxyphenyl)-4,4bipyridin-2-yl]benzoato-(2)O:N(4))zinc] dimethyl-Formamide tetra-solvate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, m1413		1
10	Cobalt nanoparticle-carbon nanoplate as the solar absorber of a wood aerogel evaporator for continuously efficient desalination. <i>Environmental Science: Water Research and Technology</i> ,	4.2	1
9	CoO/CeO multi-shelled nanospheres derived from self-templated synthesis for efficient catalytic CO oxidation. <i>Dalton Transactions</i> , <b>2021</b> , 50, 9637-9642	4.3	1
8	Rapidly clearable MnCoO@PAA as novel nanotheranostic agents for T/T bimodal MRI imaging-guided photothermal therapy. <i>Nanoscale</i> , <b>2021</b> , 13, 16251-16257	7.7	1
7	Self-templated pseudomorphic transformation of ZIF into layered double hydroxides for improved supercapacitive performance.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 622, 309-318	9.3	1
6	Ball-Milling Induced Debonding of Surface Atoms from Metal Bulk for Construing High-Performance Dual-Site Single-Atom Catalysts. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 23338	3.6	0
5	Poly[[diaqua-(4,4bipyridine N,N'di-oxide-(2)O:O)(terephthalato-(2)O(1):O(4))cobalt(II)] 4,4bipyridine N,N'dioxide monosolvate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, m1307		
4	Formation of nanographite using GaPO4-LTA as template. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 22, 1399-1402		
3	Highly Active PdO/Mn3O4/CeO2 Nanocomposites Supported on One Dimensional Halloysite Nanotubes for Photoassisted Thermal Catalytic Methane Combustion. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18700-18704	3.6	
2	Innenstruktur: l-Arginine-Triggered Self-Assembly of CeO2 Nanosheaths on Palladium Nanoparticles in Water (Angew. Chem. 14/2016). <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4687-4687	3.6	
1	Self-Assembled Nanocomposites and Nanostructures for Environmental and Energy Applications. <i>Crystals</i> , <b>2022</b> , 12, 274	2.3	