

# Shuyan Song

## List of Publications by Year in Descending Order

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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	Bimetallic nanozyme with cascade effect for synergistic therapy of cancer.. <i>ChemMedChem</i> , <b>2022</b> ,	3.7	2
390	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
389	Cascade-responsive nanobomb with domino effect for anti-tumor synergistic therapies.. <i>National Science Review</i> , <b>2022</b> , 9, nwab139	10.8	3
388	Self-Assembled Nanocomposites and Nanostructures for Environmental and Energy Applications. <i>Crystals</i> , <b>2022</b> , 12, 274	2.3	
387	Dual-Site Single-Atom Catalysts with High Performance for Three-Way Catalysis.. <i>Advanced Materials</i> , <b>2022</b> , e2201859	24	2
386	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
385	Tumor Diagnosis and Therapy Mediated by Metal Phosphorus-Based Nanomaterials. <i>Advanced Materials</i> , <b>2021</b> , 33, e2103936	24	6
384	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	14.7	2
383	A Polymer-Assisted Spinodal Decomposition Strategy toward Interconnected Porous Sodium Super Ionic Conductor-Structured Polyanion-Type Materials and Their Application as a High-Power Sodium-Ion Battery Cathode. <i>Advanced Science</i> , <b>2021</b> , 8, e2004943	13.6	14
382	Conjugated Microporous Polymers with Bipolar and Double Redox-Active Centers for High-Performance Dual-Ion, Organic Symmetric Battery. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2100381	21.8	15
381	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
380	Highly Active PdO/Mn <sub>2</sub> O <sub>3</sub> /CeO <sub>2</sub> Nanocomposites Supported on One Dimensional Halloysite Nanotubes for Photoassisted Thermal Catalytic Methane Combustion. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18552-18556	16.4	10
379	Highly Active PdO/Mn <sub>3</sub> O <sub>4</sub> /CeO <sub>2</sub> 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	
378	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
377	Recent Advances in Graphitic Carbon Nitride Supported Single-Atom Catalysts for Energy Conversion. <i>ChemCatChem</i> , <b>2021</b> , 13, 1250-1270	5.2	17
376	Cancer therapeutic strategies based on metal ions. <i>Chemical Science</i> , <b>2021</b> , 12, 12234-12247	9.4	3
375	Unraveling the physical chemistry and materials science of CeO <sub>2</sub> -based nanostructures. <i>CheM</i> , <b>2021</b> , 7, 2022-2059	16.2	14

374	Rational design of active layer configuration with parallel graphene/polyaniline composite films for high-performance supercapacitor electrode. <i>Electrochimica Acta</i> , <b>2021</b> , 398, 139330	6.7	6
373	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
372	Ball-Milling Induced Debonding of Surface Atoms from Metal Bulk for Construing High-Performance Dual-Site Single-Atom Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 23154-23158	16.4	6
371	Salt-tolerant and low-cost flame-treated aerogel for continuously efficient solar steam generation. <i>Solar Energy</i> , <b>2021</b> , 227, 303-311	6.8	8
370	Insights into high CO-SCR performance of CuCoAlO catalysts derived from LDH/MOFs composites and study of H <sub>2</sub> O/SO <sub>2</sub> and alkali metal resistance. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 131873	14.7	7
369	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
368	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
367	Prussian Blue Analogs and Their Derived Nanomaterials for Electrochemical Energy Storage and Electrocatalysis.. <i>Small Methods</i> , <b>2021</b> , 5, e2001000	12.8	22
366	Hierarchical MoO <sub>4</sub> <sup>2-</sup> Intercalating [Co(OH) <sub>2</sub> ] Nanosheet Assemblies: Green Synthesis and Ultrafast Reconstruction for Boosting Electrochemical Oxygen Evolution. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 2775-2784	4.1	4
365	Dual-Defects Adjusted Crystal-Field Splitting of LaCoNiO Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 19691-19695	16.4	37
364	A Single-Atom Manipulation Approach for Synthesis of Atomically Mixed Nanoalloys as Efficient Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13568-13574	16.4	10
363	A Single-Atom Manipulation Approach for Synthesis of Atomically Mixed Nanoalloys as Efficient Catalysts. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13670-13676	3.6	6
362	In Situ Construction of Pt-Ni NF@Ni-MOF-74 for Selective Hydrogenation of p-Nitrostyrene by Ammonia Borane. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 12539-12543	4.8	6
361	Ligand-Assisted Coordinative Self-Assembly Method to Synthesize Mesoporous ZnCdS Nanospheres with Nano-Twin-Induced Phase Junction for Enhanced Photocatalytic H <sub>2</sub> Evolution. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5063-5071	5.1	8
360	A new perspective of lanthanide metal-organic frameworks: tailoring Dy-BTC nanospheres for rechargeable Li-O batteries. <i>Nanoscale</i> , <b>2020</b> , 12, 9524-9532	7.7	21
359	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</i> , <b>2020</b> , 132, 19859-19863	3.6	4
358	Bismuthene for highly efficient carbon dioxide electroreduction reaction. <i>Nature Communications</i> , <b>2020</b> , 11, 1088	17.4	125
357	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

356	One-step co-precipitation synthesis of novel BiOCl/CeO <sub>2</sub> composites with enhanced photodegradation of rhodamine B. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 1345-1361	6.8	26
355	Defect modified zinc oxide with augmenting sonodynamic reactive oxygen species generation. <i>Biomaterials</i> , <b>2020</b> , 251, 120075	15.6	56
354	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
353	A redox interaction-engaged strategy for multicomponent nanomaterials. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 736-764	58.5	15
352	Specific Core-Satellite Nanocarriers for Enhanced Intracellular ROS Generation and Synergistic Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 5403-5412	9.5	16
351	Catalytic activity boost of CeO <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> nanospheres derived from CeCo-glycolate via yolk-shell structural evolution. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 421-426	6.8	3
350	Smart Porous Core-Shell Cuprous Oxide Nanocatalyst with High Biocompatibility for Acid-Triggered Chemo/Chemodynamic Synergistic Therapy. <i>Small</i> , <b>2020</b> , 16, e2001805	11	42
349	Fabrication of a vanadium nitride/N-doped carbon hollow nanosphere composite as an efficient electrode material for asymmetric supercapacitors. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 3865-3871	5.1	10
348	Multistimuli-Responsive Polymeric Vesicles for Accelerated Drug Release in Chemo-photothermal Therapy. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 5012-5023	5.5	8
347	Boosting Chemodynamic Therapy by the Synergistic Effect of Co-Catalyze and Photothermal Effect Triggered by the Second Near-Infrared Light. <i>Nano-Micro Letters</i> , <b>2020</b> , 12, 180	19.5	24
346	NaSO Nanoparticles Trigger Antitumor Immunotherapy through Reactive Oxygen Species Storm and Surge of Tumor Osmolarity. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21751-21757	16.4	41
345	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
344	Robust Synthesis of Gold-Based Multishell Structures as Plasmonic Catalysts for Selective Hydrogenation of 4-Nitrostyrene. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1103-1107	16.4	17
343	[(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
342	CO Oxidation Catalyzed by Two-Dimensional Co <sub>3</sub> O <sub>4</sub> /CeO <sub>2</sub> Nanosheets. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 5769-5778	5.6	23
341	Clean synthesis of ZnCo <sub>2</sub> O <sub>4</sub> @ZnCo-LDHs yolk-shell nanospheres composed of ultra-thin nanosheets with enhanced electrocatalytic properties. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 220-225	6.8	10
340	A Polymer-Oriented Self-Assembly Strategy toward Mesoporous Metal Oxides with Ultrahigh Surface Areas. <i>Advanced Science</i> , <b>2019</b> , 6, 1801543	13.6	18
339	A ratiometric fluorescent sensor with dual response of Fe/Cu based on europium post-modified sulfone-metal-organic frameworks and its logical application. <i>Talanta</i> , <b>2019</b> , 197, 291-298	6.2	41

338	A Bipolar and Self-Polymerized Phthalocyanine Complex for Fast and Tunable Energy Storage in Dual-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10204-10208	16.4	41
337	A Bipolar and Self-Polymerized Phthalocyanine Complex for Fast and Tunable Energy Storage in Dual-Ion Batteries. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 10310-10314	3.6	12
336	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
335	Tunable bimetallic Au-Pd@CeO for semihydrogenation of phenylacetylene by ammonia borane. <i>Nanoscale</i> , <b>2019</b> , 11, 12932-12937	7.7	24
334	Metal-organic framework-based materials for the recovery of uranium from aqueous solutions. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 1924-1937	6.8	56
333	Bimetallic NiCoS Nanoneedles Anchored on Mesocarbon Microbeads as Advanced Electrodes for Asymmetric Supercapacitors. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 35	19.5	56
332	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
331	Construction of trace silver modified core@shell structured Pt-Ni nanoframe@CeO <sub>2</sub> for semihydrogenation of phenylacetylene. <i>Nano Research</i> , <b>2019</b> , 12, 869-875	10	18
330	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
329	High-Performance Ultrathin Co <sub>3</sub> O <sub>4</sub> Nanosheet Supported PdO/CeO <sub>2</sub> Catalysts for Methane Combustion. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1803583	21.8	33
328	Catalytic Mechanisms of Nanozymes and Their Applications in Biomedicine. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 1273-1296	6.3	67
327	Half-Encapsulated Au [email protected] Nanostructures for Near-Infrared Plasmon-Enhanced Catalysis. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 1516-1524	5.6	19
326	Constructing radially oriented macroporous spheres with central cavities as ultrastable lithium-ion battery anodes. <i>Energy Storage Materials</i> , <b>2019</b> , 17, 242-252	19.4	13
325	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> , <b>2019</b> , 7, 20640-20648	13.5	53
324	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
323	Design strategies and applications of charged metal organic frameworks. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 398, 113007	23.2	45
322	Double Switch Biodegradable Porous Hollow Trinickel Monophosphide Nanospheres for Multimodal Imaging Guided Photothermal Therapy. <i>Nano Letters</i> , <b>2019</b> , 19, 5093-5101	11.5	41
321	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

320	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, e1904836	24	64
319	CeO <sub>2</sub> -Encapsulated Hollow Ag-Au Nanocage Hybrid Nanostructures as High-Performance Catalysts for Cascade Reactions. <i>Small</i> , <b>2019</b> , 15, e1903182	11	14
318	Photothermal-Enhanced Inactivation of Glutathione Peroxidase for Ferroptosis Sensitized by an Autophagy Promotor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 42988-42997	9-5	43
317	CeO <sub>2</sub> supported low-loading Au as an enhanced catalyst for low temperature oxidation of carbon monoxide. <i>CrystEngComm</i> , <b>2019</b> , 21, 7108-7113	3-3	8
316	One-Dimensional Fe <sub>2</sub> P Acts as a Fenton Agent in Response to NIR II Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2429-2434	3-6	26
315	One-Dimensional Fe <sub>2</sub> 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
314	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
313	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
312	Synthesis of hierarchically double-walled Co <sub>3</sub> O <sub>4</sub> hollow nanofibers assembled by nanosheet building units supporting Pt nanoparticles for high-efficient CO oxidation. <i>Materials Letters</i> , <b>2019</b> , 237, 126-129	3-3	5
311	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> , <b>2019</b> , 29, 1806588	15-6	55
310	Four new water-stable metal-organic frameworks based on diverse metal clusters: Syntheses, structures, and luminescent sensing properties. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 269, 386-395	3-3	9
309	DFT and TD-DFT study of iridium complexes with low-color-temperature and low-efficiency roll-off properties. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4563	3-1	4
308	Alkali Metal Anodes for Rechargeable Batteries. <i>Chem</i> , <b>2019</b> , 5, 313-338	16-2	103
307	Thermally Responsive Materials for Bioimaging. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 67-75	4-5	7
306	A chelation-induced cooperative self-assembly methodology for the synthesis of mesoporous metal hydroxide and oxide nanospheres. <i>Nanoscale</i> , <b>2018</b> , 10, 5731-5737	7-7	14
305	Nanoporous Carbon-Coated Bimetallic Phosphides for Efficient Electrochemical Water Splitting. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 3404-3410	3-5	14
304	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	11	85
303	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



302	Investigating the Hybrid-Structure-Effect of CeO <sub>2</sub> -Encapsulated Au Nanostructures on the Transfer Coupling of Nitrobenzene. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704416	24	36
301	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
300	A New Co-P Nanocomposite with Ultrahigh Relaxivity for In Vivo Magnetic Resonance Imaging-Guided Tumor Eradication by Chemo/Photothermal Synergistic Therapy. <i>Small</i> , <b>2018</b> , 14, 1702431	11	27
299	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
298	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
297	Surface Sulfurization of NiCo-Layered Double Hydroxide Nanosheets Enable Superior and Durable Oxygen Evolution Electrocatalysis. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 4040-4049	6.1	45
296	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
295	A general one-pot strategy for the synthesis of Au@multi-oxide yolk@shell nanospheres with enhanced catalytic performance. <i>Chemical Science</i> , <b>2018</b> , 9, 7569-7574	9.4	28
294	Surfactant-Guided Synthesis of Porous Pt Shells with Ordered Tangential Channels, Coated on Pd Nanostructures, and Their Enhanced Catalytic Activities. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 15649-15655	4.8	5
293	Coral-like cobaltous sulfide/N,S-codoped carbon with hierarchical pores as highly efficient noble metal-free electrocatalyst for oxygen reduction reactions. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 769, 801-807	5.7	8
292	Reduced graphene oxide nanosheet modified NiMn-LDH nanoflake arrays for high-performance supercapacitors. <i>Chemical Communications</i> , <b>2018</b> , 54, 10172-10175	5.8	29
291	Remote manipulation of upconversion luminescence. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 6473-6485	58.5	139
290	Hierarchical Bi Te Nanostrings: Green Synthesis and Their Thermoelectric Properties. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9765-9768	4.8	5
289	A Controllable Surface Etching Strategy for Well-Defined Spiny Yolk@Shell CuO@CeO <sub>2</sub> Cubes and Their Catalytic Performance Boost. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802559	15.6	45
288	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
287	Multifunctional Cu-AgS nanoparticles with high photothermal conversion efficiency for photoacoustic imaging-guided photothermal therapy in vivo. <i>Nanoscale</i> , <b>2018</b> , 10, 825-831	7.7	49
286	Tin Diselenide Molecular Precursor for Solution-Processable Thermoelectric Materials. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17309-17314	3.6	7
285	Tin Diselenide Molecular Precursor for Solution-Processable Thermoelectric Materials. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17063-17068	16.4	12

284	Thermal Decomposition of CdS Nanowires Assisted by ZIF-67 to Induce the Formation of Co <sub>9</sub> S <sub>8</sub> -Based Carbon Nanomaterials with High Lithium-Storage Abilities. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 6242-6249	6.1	7
283	A bimetallic oxide FeMoO electrocatalyst with highly efficient hydrogen evolution reaction activity in alkaline and acidic media. <i>Chemical Science</i> , <b>2018</b> , 9, 5640-5645	9.4	30
282	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
281	Metal organic framework derived CoFe@N-doped carbon/reduced graphene sheets for enhanced oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 1962-1966	6.8	29
280	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
279	Self-supported Co <sub>3</sub> O <sub>4</sub> wire-penetrated-cage hybrid arrays with enhanced supercapacitance properties. <i>CrystEngComm</i> , <b>2017</b> , 19, 1459-1463	3.3	9
278	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
277	Syntheses, structures, and magnetic properties of cobalt(II) and nickel(II) coordination polymers based on a V-shaped ligand. <i>Journal of Solid State Chemistry</i> , <b>2017</b> , 250, 6-13	3.3	3
276	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
275	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
274	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
273	Proton-conducting crystalline porous materials. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 464-480	58.5	394
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153	Chemical reaction controlled synthesis of Cu <sub>2</sub> O hollow octahedra and core-shell structures. <i>CrystEngComm</i> , <b>2013</b> , 15, 10028	3.3	43
152	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
151	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
150	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
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147	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
146	Facile synthesis and thermoelectric properties of self-assembled Bi <sub>2</sub> Te <sub>3</sub> one-dimensional nanorod bundles. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 2889-94	4.8	26
145	Size-dependent catalytic properties of Au nanoparticles supported on hierarchical nickel silicate nanostructures. <i>Dalton Transactions</i> , <b>2013</b> , 42, 7888-93	4.3	31
144	Synthesis of flower-like nickel oxide/nickel silicate nanocomposites and their enhanced electrochemical performance as anode materials for lithium batteries. <i>Materials Letters</i> , <b>2013</b> , 93, 5-8	3.3	23
143	Template-free solvothermal synthesis and enhanced thermoelectric performance of Sb <sub>2</sub> Te <sub>3</sub> nanosheets. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 558, 6-10	5.7	23
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139	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
138	Two high-connected metal-organic frameworks based on d10-metal clusters: syntheses, structural topologies and luminescent properties. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8183-7	4.3	30
137	Graphene oxide induced formation of Pt-CeO <sub>2</sub> hybrid nanoflowers with tunable CeO <sub>2</sub> thickness for catalytic hydrolysis of ammonia borane. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 8082-6	4.8	44
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29	Synthesis, structures and photoluminescence of two Er(III) coordination polymers. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 945-955	1.6	12
28	Synthesis and characterization of 1D Co/CoFe(2)O(4) composites with tunable morphologies. <i>Chemical Communications</i> , <b>2008</b> , 3570-2	5.8	12
27	Hydrothermal synthesis and photoluminescent properties of stacked indium sulfide superstructures. <i>Chemical Communications</i> , <b>2008</b> , 1476-8	5.8	49
26	Facile Synthesis and Optical Property of Porous Tin Oxide and Europium-Doped Tin Oxide Nanorods through Thermal Decomposition of the Organotin. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 19939-19944	3.8	14
25	Self-Assembly of p-Sulfonatocalix[4]arene and a Ag <sup>+</sup> mt Coordination Polymer into a Porous Structure. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1756-1759	2.3	19
24	Erbium-Complex-Doped Near-Infrared Luminescent and Magnetic Macroporous Materials. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 5513-5518	2.3	12
23	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
22	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
21	Design and synthesis of near-IR luminescent mesoporous materials covalently linked with tris(8-hydroxyquinolate)lanthanide(III) complexes. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 115, 535-540	5.3	26
20	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
19	Ternary lanthanide (Er <sup>3+</sup> , Nd <sup>3+</sup> , Yb <sup>3+</sup> , Sm <sup>3+</sup> , Pr <sup>3+</sup> ) complex-functionalized mesoporous SBA-15 materials that emit in the near-infrared range. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2008</b> , 199, 57-63	4.7	24
18	Syntheses, crystal structures, visible and near-IR luminescent properties of ternary lanthanide (Dy <sup>3+</sup> , Tm <sup>3+</sup> ) complexes containing 4,4,4-trifluoro-1-phenyl-1,3-butanedione and 1,10-phenanthroline. <i>Journal of Luminescence</i> , <b>2008</b> , 128, 1957-1964	3.8	51
17	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
16	Syntheses, crystal structures and near-infrared luminescent properties of holmium (Ho) and praseodymium (Pr) ternary complexes. <i>Inorganic Chemistry Communication</i> , <b>2008</b> , 11, 531-534	3.1	32
15	Structural study of silver(I) sulfonate complexes with pyrazine derivatives. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7299-311	5.1	63

14	Effect of silver nanoparticles on luminescent properties of europium complex in di-ureasil hybrid materials. <i>Journal of Luminescence</i> , <b>2007</b> , 122-123, 892-895	3.8	3
13	Intrinsic peroxidase-like activity of ferromagnetic nanoparticles. <i>Nature Nanotechnology</i> , <b>2007</b> , 2, 577-8328.7	3.7	3616
12	Microporous carbon derived from pinecone hull as anode material for lithium secondary batteries. <i>Materials Letters</i> , <b>2007</b> , 61, 5209-5212	3.3	39
11	Hydrothermal Synthesis and Characterization of Alkaline-Earth Metal Phenylphosphonate Nanostructures. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 895-899	3.5	17
10	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
9	Systematic synthesis and characterization of single-crystal lanthanide phenylphosphonate nanorods. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1201-7	5.1	34
8	Selected-control synthesis of metal phosphonate nanoparticles and nanorods. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 2140-2	5.1	45
7	Influence of neutral ligands on the structures of silver(I) sulfonates. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 9374-83	5.1	143
6	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
5	Protective Coating of Superparamagnetic Iron Oxide Nanoparticles. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 1617-1627	9.6	414
4	Boosting the Catalytic Performance of CuO x in CO 2 Hydrogenation by Incorporating CeO 2 Promoters. <i>Advanced Sustainable Systems</i> , 2100439	5.9	2
3	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
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1	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