

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	Cascade-responsive nanobomb with domino effect for anti-tumor synergistic therapies. National Science Review, 2022, 9, nwab139.	4.6	29
2	MOF/PCP-based Electrocatalysts for the Oxygen Reduction Reaction. Electrochemical Energy Reviews, 2022, 5, 32-81.	13.1	47
3	Increased solar absorption and promoted photocarrier separation in atomically thin 2D carbon nitride sheets for enhanced visible-light photocatalysis. Chemical Engineering Journal, 2022, 431, 133219.	6.6	7
4	A Bimetallic Nanozyme with Cascade Effect for Synergistic Therapy of Cancer. ChemMedChem, 2022, 17, .	1.6	10
5	Bimetallic catalyst derived from copper cobalt carbonate hydroxides mediated ZIF-67 composite for efficient hydrogenation of 4-nitrophenol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 641, 128477.	2.3	8
6	Boosting the Catalytic Performance of CuO _x in CO ₂ Hydrogenation by Incorporating CeO ₂ Promoters. Advanced Sustainable Systems, 2022, 6, .	2.7	6
7	Self-Assembled Nanocomposites and Nanostructures for Environmental and Energy Applications. Crystals, 2022, 12, 274.	1.0	0
8	Dual-Site Single-Atom Catalysts with High Performance for Three-Way Catalysis. Advanced Materials, 2022, 34, e2201859.	11.1	39
9	Modulation of the Host-Guest Interactions in a Metal-Organic Framework for Multiple Anticounterfeiting Applications. Inorganic Chemistry, 2022, 61, 456-463.	1.9	14
10	Self-templated pseudomorphic transformation of ZIF into layered double hydroxides for improved supercapacitive performance. Journal of Colloid and Interface Science, 2022, 622, 309-318.	5.0	14
11	Metal-Organic Frameworks-derived Indium Clusters/Carbon Nanocomposites for Efficient CO ₂ Electroreduction. Chemical Research in Chinese Universities, 2022, 38, 1287-1291.	1.3	5
12	Dye-Encapsulated Lanthanide-Based Metal-Organic Frameworks as a Dual-Emission Sensitization Platform for Alachlor Sensing. Inorganic Chemistry, 2022, 61, 9801-9807.	1.9	9
13	Photothermal-Driven High-Performance Selective Hydrogenation System Enabled by Delicately Designed IrCo Nanocages. Small, 2022, 18, .	5.2	2
14	Prussian blue and its analogues for aqueous energy storage: From fundamentals to advanced devices. Energy Storage Materials, 2022, 50, 618-640.	9.5	34
15	Ultra-Small Noble Metal Ceria-Based Catalytic Materials: From Synthesis to Application. European Journal of Inorganic Chemistry, 2021, 2021, 689-701.	1.0	6
16	Recent Advances in Graphitic Carbon Nitride Supported Single-Atom Catalysts for Energy Conversion. ChemCatChem, 2021, 13, 1250-1270.	1.8	46
17	Cancer therapeutic strategies based on metal ions. Chemical Science, 2021, 12, 12234-12247.	3.7	33
18	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. Advanced Science, 2021, 8, e2004943.	5.6	29

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19	Conjugated Microporous Polymers with Bipolar and Double Redox-Active Centers for High-Performance Dual-Ion, Organic Symmetric Battery. <i>Advanced Energy Materials</i> , 2021, 11, 2100381.	10.2	41
20	Layer-by-Layer Electrodeposition of FTO/TiO ₂ /Cu _x O/CeO ₂ (1 < x < 2) Photocatalysts with High Peroxidase-Like Activity by Greatly Enhanced Singlet Oxygen Generation. <i>Small Methods</i> , 2021, 5, 2100423.	4.6	11
21	Highly Active PdO/Mn ₃ O ₄ /CeO ₂ Nanocomposites Supported on One Dimensional Halloysite Nanotubes for Photoassisted Thermal Catalytic Methane Combustion. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18552-18556.	7.2	46
22	Highly Active PdO/Mn ₃ O ₄ /CeO ₂ Nanocomposites Supported on One Dimensional Halloysite Nanotubes for Photoassisted Thermal Catalytic Methane Combustion. <i>Angewandte Chemie</i> , 2021, 133, 18700-18704.	1.6	2
23	Unraveling the physical chemistry and materials science of CeO ₂ -based nanostructures. <i>CheM</i> , 2021, 7, 2022-2059.	5.8	64
24	Rational design of active layer configuration with parallel graphene/polyaniline composite films for high-performance supercapacitor electrode. <i>Electrochimica Acta</i> , 2021, 398, 139330.	2.6	17
25	Ball-Milling Induced Debonding of Surface Atoms from Metal Bulk for Construing High-Performance Dual-Site Single-Atom Catalysts. <i>Angewandte Chemie</i> , 2021, 133, 23338-23342.	1.6	27
26	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> , 2021, 60, 23154-23158.	7.2	48
27	Salt-tolerant and low-cost flame-treated aerogel for continuously efficient solar steam generation. <i>Solar Energy</i> , 2021, 227, 303-311.	2.9	29
28	Insights into high CO-SCR performance of CuCoAlO catalysts derived from LDH/MOFs composites and study of H ₂ O/SO ₂ and alkali metal resistance. <i>Chemical Engineering Journal</i> , 2021, 426, 131873.	6.6	50
29	Co ₃ O ₄ /CeO ₂ multi-shelled nanospheres derived from self-templated synthesis for efficient catalytic CO oxidation. <i>Dalton Transactions</i> , 2021, 50, 9637-9642.	1.6	6
30	Rapidly clearable MnCo ₂ O ₄ @PAA as novel nanotheranostic agents for T ₁ /T ₂ bimodal MRI imaging-guided photothermal therapy. <i>Nanoscale</i> , 2021, 13, 16251-16257.	2.8	8
31	Prussian Blue Analogs and Their Derived Nanomaterials for Electrochemical Energy Storage and Electrocatalysis. <i>Small Methods</i> , 2021, 5, e2001000.	4.6	81
32	Hierarchical MoO ₄ ²⁻ Intercalating \pm -Co(OH) ₂ Nanosheet Assemblies: Green Synthesis and Ultrafast Reconstruction for Boosting Electrochemical Oxygen Evolution. <i>Energy & Fuels</i> , 2021, 35, 2775-2784.	2.5	13
33	Optical fiber sensor based on upconversion nanoparticles for internal temperature monitoring of Li-ion batteries. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14757-14765.	2.7	20
34	Tumor Diagnosis and Therapy Mediated by Metal Phosphorus-Based Nanomaterials. <i>Advanced Materials</i> , 2021, 33, e2103936.	11.1	31
35	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> , 2021, 8, 151-161.	1.2	14
36	Robust Synthesis of Gold-Based Multishell Structures as Plasmonic Catalysts for Selective Hydrogenation of α -Nitrostyrene. <i>Angewandte Chemie</i> , 2020, 132, 1119-1123.	1.6	3

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37	Robust Synthesis of Gold-Based Multishell Structures as Plasmonic Catalysts for Selective Hydrogenation of 4-Nitrostyrene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1103-1107.	7.2	29
38	A redox interaction-engaged strategy for multicomponent nanomaterials. <i>Chemical Society Reviews</i> , 2020, 49, 736-764.	18.7	32
39	Specific Core-Satellite Nanocarriers for Enhanced Intracellular ROS Generation and Synergistic Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5403-5412.	4.0	23
40	Catalytic activity boost of CeO ₂ /Co ₃ O ₄ nanospheres derived from CeCo-glycolate yolk-shell structural evolution. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 421-426.	3.0	3
41	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
42	Fabrication of a vanadium nitride/N-doped carbon hollow nanosphere composite as an efficient electrode material for asymmetric supercapacitors. <i>Nanoscale Advances</i> , 2020, 2, 3865-3871.	2.2	27
43	Multistimuli-Responsive Polymeric Vesicles for Accelerated Drug Release in Chemo-photothermal Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5012-5023.	2.6	20
44	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> , 2020, 12, 180.	14.4	49
45	Na ₂ S ₂ O ₈ 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
46	Dual-Defects Adjusted Crystal-Field Splitting of LaCo _{1-x} Ni _x O ₃ Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19691-19695.	7.2	80
47	A Single-Atom Manipulation Approach for Synthesis of Atomically Mixed Nanoalloys as Efficient Catalysts. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13568-13574.	7.2	23
48	A Single-Atom Manipulation Approach for Synthesis of Atomically Mixed Nanoalloys as Efficient Catalysts. <i>Angewandte Chemie</i> , 2020, 132, 13670-13676.	1.6	8
49	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> , 2020, 26, 12539-12543.	1.7	9
50	Ligand-Assisted Coordinative Self-Assembly Method to Synthesize Mesoporous Zn _x Cd _{1-x} S Nanospheres with Nano-Twin-Induced Phase Junction for Enhanced Photocatalytic H ₂ Evolution. <i>Inorganic Chemistry</i> , 2020, 59, 5063-5071.	1.9	19
51	A new perspective of lanthanide metal-organic frameworks: tailoring Dy-BTC nanospheres for rechargeable Li-O ₂ batteries. <i>Nanoscale</i> , 2020, 12, 9524-9532.	2.8	29
52	Dual-Defects Adjusted Crystal-Field Splitting of LaCo _{1-x} Ni _x O ₃ Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , 2020, 132, 19859-19863.	1.6	5
53	Bismuthene for highly efficient carbon dioxide electroreduction reaction. <i>Nature Communications</i> , 2020, 11, 1088.	5.8	278
54	In Situ Formation of Co ₉ S ₈ 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

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55	One-step co-precipitation synthesis of novel BiOCl/CeO ₂ composites with enhanced photodegradation of rhodamine B. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1345-1361.	3.0	42
56	Defect modified zinc oxide with augmenting sonodynamic reactive oxygen species generation. <i>Biomaterials</i> , 2020, 251, 120075.	5.7	125
57	[(UO ₂)(C ₁₀ H ₈ N ₂ O ₂) ₂][HPW ₁₂ O ₄₀]: The First Case of a Uranyl Coordination Network Containing a Keggin-Type Polyoxometalate. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4577-4580.	1.0	3
58	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
59	Constructing radially oriented macroporous spheres with central cavities as ultrastable lithium-ion battery anodes. <i>Energy Storage Materials</i> , 2019, 17, 242-252.	9.5	23
60	Preparation and enhanced photocatalytic performance of sulfur doped terminal-methylated g-C ₃ N ₄ nanosheets with extended visible-light response. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20640-20648.	5.2	105
61	Controllable Synthesis of Mesoporous TiO ₂ Polymorphs with Tunable Crystal Structure for Enhanced Photocatalytic H ₂ Production. <i>Advanced Energy Materials</i> , 2019, 9, 1901634.	10.2	131
62	Design strategies and applications of charged metal organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019, 398, 113007.	9.5	72
63	Double Switch Biodegradable Porous Hollow Trinickel Monophosphide Nanospheres for Multimodal Imaging Guided Photothermal Therapy. <i>Nano Letters</i> , 2019, 19, 5093-5101.	4.5	64
64	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
65	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
66	CeO ₂ -Encapsulated Hollow Ag-Au Nanocage Hybrid Nanostructures as High-Performance Catalysts for Cascade Reactions. <i>Small</i> , 2019, 15, e1903182.	5.2	33
67	Photothermal-Enhanced Inactivation of Glutathione Peroxidase for Ferroptosis Sensitized by an Autophagy Promotor. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42988-42997.	4.0	75
68	CO Oxidation Catalyzed by Two-Dimensional Co ₃ O ₄ /CeO ₂ Nanosheets. <i>ACS Applied Nano Materials</i> , 2019, 2, 5769-5778.	2.4	45
69	Clean synthesis of ZnCo ₂ O ₄ @ZnCo-LDHs yolk-shell nanospheres composed of ultra-thin nanosheets with enhanced electrocatalytic properties. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 220-225.	3.0	17
70	A Polymer-Oriented Self-Assembly Strategy toward Mesoporous Metal Oxides with Ultrahigh Surface Areas. <i>Advanced Science</i> , 2019, 6, 1801543.	5.6	25
71	A ratiometric fluorescent sensor with dual response of Fe ³⁺ /Cu ²⁺ based on europium post-modified sulfone-metal-organic frameworks and its logical application. <i>Talanta</i> , 2019, 197, 291-298.	2.9	57
72	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

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73	A Bipolar and Self-Polymerized Phthalocyanine Complex for Fast and Tunable Energy Storage in Dual-Ion Batteries. <i>Angewandte Chemie</i> , 2019, 131, 10310-10314.	1.6	24
74	Tunable bimetallic Au@Pd@CeO ₂ for semihydrogenation of phenylacetylene by ammonia borane. <i>Nanoscale</i> , 2019, 11, 12932-12937.	2.8	32
75	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
76	Bimetallic NiCo ₂ S ₄ Nanoneedles Anchored on Mesocarbon Microbeads as Advanced Electrodes for Asymmetric Supercapacitors. <i>Nano-Micro Letters</i> , 2019, 11, 35.	14.4	83
77	Syntheses and Applications of Noble-Metal-free CeO ₂ -Based Mixed-Oxide Nanocatalysts. <i>Chem</i> , 2019, 5, 1743-1774.	5.8	125
78	Construction of trace silver modified core@shell structured Pt-Ni nanoframe@CeO ₂ for semihydrogenation of phenylacetylene. <i>Nano Research</i> , 2019, 12, 869-875.	5.8	27
79	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
80	High-Performance Ultrathin Co ₃ O ₄ Nanosheet Supported PdO/CeO ₂ Catalysts for Methane Combustion. <i>Advanced Energy Materials</i> , 2019, 9, 1803583.	10.2	57
81	Catalytic Mechanisms of Nanozymes and Their Applications in Biomedicine. <i>Bioconjugate Chemistry</i> , 2019, 30, 1273-1296.	1.8	113
82	Half-Encapsulated Au Nanorods@CeO ₂ Core@Shell Nanostructures for Near-Infrared Plasmon-Enhanced Catalysis. <i>ACS Applied Nano Materials</i> , 2019, 2, 1516-1524.	2.4	34
83	CeO ₂ supported low-loading Au as an enhanced catalyst for low temperature oxidation of carbon monoxide. <i>CrystEngComm</i> , 2019, 21, 7108-7113.	1.3	12
84	One-Dimensional Fe ₂ P Acts as a Fenton Agent in Response to NIR...II Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie</i> , 2019, 131, 2429-2434.	1.6	44
85	One-Dimensional Fe ₂ 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.	7.2	315
86	Molecular Engineering of Monodisperse SnO ₂ 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
87	Prevention of dendrite growth and volume expansion to give high-performance aprotic bimetallic Li-Na alloy@O ₂ batteries. <i>Nature Chemistry</i> , 2019, 11, 64-70.	6.6	265
88	Synthesis of hierarchically double-walled Co ₃ O ₄ hollow nanofibers assembled by nanosheet building units supporting Pt nanoparticles for high-efficient CO oxidation. <i>Materials Letters</i> , 2019, 237, 126-129.	1.3	7
89	Hollow Multishelled Structure of Heterogeneous Co ₃ O ₄ @CeO ₂ Nanocomposite for CO Catalytic Oxidation. <i>Advanced Functional Materials</i> , 2019, 29, 1806588.	7.8	86
90	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> , 2019, 269, 386-395.	1.4	10

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91	DFT and TD-DFT study of iridium complexes with low-temperature and low-efficiency roll-off properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4563.	1.7	5
92	Alkali Metal Anodes for Rechargeable Batteries. <i>CheM</i> , 2019, 5, 313-338.	5.8	170
93	Thermally Responsive Materials for Bioimaging. <i>Chemistry - an Asian Journal</i> , 2019, 14, 67-75.	1.7	11
94	A chelation-induced cooperative self-assembly methodology for the synthesis of mesoporous metal hydroxide and oxide nanospheres. <i>Nanoscale</i> , 2018, 10, 5731-5737.	2.8	21
95	Nanoporous Carbon-Coated Bimetallic Phosphides for Efficient Electrochemical Water Splitting. <i>Crystal Growth and Design</i> , 2018, 18, 3404-3410.	1.4	19
96	Co ₉ S ₈ 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
97	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
98	Investigating the Hybrid Structure Effect of CeO ₂ -Encapsulated Au Nanostructures on the Transfer Coupling of Nitrobenzene. <i>Advanced Materials</i> , 2018, 30, 1704416.	11.1	57
99	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> , 2018, 8, 1702242.	10.2	108
100	A New Co-PP Nanocomposite with Ultrahigh Relaxivity for In Vivo Magnetic Resonance Imaging-Guided Tumor Eradication by Chemo/Photothermal Synergistic Therapy. <i>Small</i> , 2018, 14, 1702431.	5.2	29
101	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
102	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
103	Multifunctional Cu-Ag ₂ S nanoparticles with high photothermal conversion efficiency for photoacoustic imaging-guided photothermal therapy <i>in vivo</i> . <i>Nanoscale</i> , 2018, 10, 825-831.	2.8	68
104	Tin Diselenide Molecular Precursor for Solution-Processable Thermoelectric Materials. <i>Angewandte Chemie</i> , 2018, 130, 17309-17314.	1.6	9
105	Tin Diselenide Molecular Precursor for Solution-Processable Thermoelectric Materials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17063-17068.	7.2	23
106	Thermal Decomposition of CdS Nanowires Assisted by ZIF-67 to Induce the Formation of Co ₉ S ₈ -Based Carbon Nanomaterials with High Lithium-Storage Abilities. <i>ACS Applied Energy Materials</i> , 2018, 1, 6242-6249.	2.5	8
107	A bimetallic oxide Fe _{1.89} Mo _{4.11} O ₇ electrocatalyst with highly efficient hydrogen evolution reaction activity in alkaline and acidic media. <i>Chemical Science</i> , 2018, 9, 5640-5645.	3.7	38
108	Metal-Organic Framework Hybrid-Assisted Formation of Co ₃ O ₄ /Co-Fe Oxide Double-Shelled Nanoboxes for Enhanced Oxygen Evolution. <i>Advanced Materials</i> , 2018, 30, e1801211.	11.1	374

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109	Metal organic framework derived CoFe@N-doped carbon/reduced graphene sheets for enhanced oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1962-1966.	3.0	34
110	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
111	Pt/CeO ₂ @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
112	A general one-pot strategy for the synthesis of Au@multi-oxide yolk@shell nanospheres with enhanced catalytic performance. <i>Chemical Science</i> , 2018, 9, 7569-7574.	3.7	35
113	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> , 2018, 24, 15649-15655.	1.7	7
114	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> , 2018, 769, 801-807.	2.8	10
115	Reduced graphene oxide nanosheet modified NiMn-LDH nanoflake arrays for high-performance supercapacitors. <i>Chemical Communications</i> , 2018, 54, 10172-10175.	2.2	46
116	Remote manipulation of upconversion luminescence. <i>Chemical Society Reviews</i> , 2018, 47, 6473-6485.	18.7	210
117	Hierarchical Bi ₂ Te ₃ Nanostrings: Green Synthesis and Their Thermoelectric Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 9765-9768.	1.7	9
118	A Controllable Surface Etching Strategy for Well-Defined Spiny Yolk@Shell CuO@CeO ₂ Cubes and Their Catalytic Performance Boost. <i>Advanced Functional Materials</i> , 2018, 28, 1802559.	7.8	60
119	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
120	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
121	Self-supported Co ₃ O ₄ wire-penetrated-cage hybrid arrays with enhanced supercapacitance properties. <i>CrystEngComm</i> , 2017, 19, 1459-1463.	1.3	11
122	Multishelled Ni _x Co _{3-x} O ₄ 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
123	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> , 2017, 250, 6-13.	1.4	3
124	Highly efficient heterogeneous catalytic materials derived from metal-organic framework supports/precursors. <i>Coordination Chemistry Reviews</i> , 2017, 337, 80-96.	9.5	282
125	High-Performance Integrated Self-Package Flexible Li-O ₂ Battery Based on Stable Composite Anode and Flexible Gas Diffusion Layer. <i>Advanced Materials</i> , 2017, 29, 1700378.	11.1	72
126	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

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127	Proton-conducting crystalline porous materials. <i>Chemical Society Reviews</i> , 2017, 46, 464-480.	18.7	530
128	A Simple Strategy for the Controlled Synthesis of Ultrasmall Hexagonal α -Phase NaYF_4 :Yb,Er Upconversion Nanocrystals. <i>ChemPhotoChem</i> , 2017, 1, 369-375.	1.5	18
129	PEGylated GdF_3 :Fe Nanoparticles as Multimodal ^{19}F -Weighted MRI and X-ray CT Imaging Contrast Agents. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20426-20434.	4.0	45
130	Multifunctional core/satellite polydopamine@ Nd^{3+} -sensitized upconversion nanocomposite: A single 808 nm near-infrared light-triggered theranostic platform for in vivo imaging-guided photothermal therapy. <i>Nano Research</i> , 2017, 10, 3434-3446.	5.8	69
131	Self-Assembled $\text{Pd@CeO}_2/\text{Al}_2\text{O}_3$ Catalysts with Enhanced Activity for Catalytic Methane Combustion. <i>Small</i> , 2017, 13, 1700941.	5.2	40
132	S,N co-doped carbon nanotubes decorated with ultrathin molybdenum disulfide nanosheets with highly electrochemical performance. <i>Nanoscale</i> , 2017, 9, 6346-6352.	2.8	20
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