

# Shouhua Feng

## List of Publications by Year in descending order

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274  
papers

10,022  
citations

34016

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56606

83  
g-index

280  
all docs

280  
docs citations

280  
times ranked

12730  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination of Atomic Coâ€“Pt Coupling Species at Carbon Defects as Active Sites for Oxygen Reduction Reaction. Journal of the American Chemical Society, 2018, 140, 10757-10763.	6.6	464
2	A Graphene-like Oxygenated Carbon Nitride Material for Improved Cycle-Life Lithium/Sulfur Batteries. Nano Letters, 2015, 15, 5137-5142.	4.5	358
3	A dual functional MOF as a luminescent sensor for quantitatively detecting the concentration of nitrobenzene and temperature. Chemical Communications, 2013, 49, 8964.	2.2	335
4	3D Hierarchical ZnIn <sub>2</sub> S <sub>4</sub> Nanosheets with Rich Zn Vacancies Boosting Photocatalytic CO <sub>2</sub> Reduction. Advanced Functional Materials, 2019, 29, 1905153.	7.8	308
5	A facile route for nitrogen-doped hollow graphitic carbon spheres with superior performance in supercapacitors. Journal of Materials Chemistry, 2012, 22, 13464.	6.7	202
6	Bifunctional MOF heterogeneous catalysts based on the synergy of dual functional sites for efficient conversion of CO <sub>2</sub> under mild and co-catalyst free conditions. Journal of Materials Chemistry A, 2015, 3, 23136-23142.	5.2	175
7	The multiferroic perovskite YFeO <sub>3</sub> . Applied Physics Letters, 2013, 102, .	1.5	156
8	Three-dimensional nitrogen-doped reduced graphene oxide aerogel decorated with Ni nanoparticles with tunable and unique microwave absorption. Carbon, 2019, 152, 575-586.	5.4	156
9	Rational Design and Functionalization of a Zinc Metalâ€“Organic Framework for Highly Selective Detection of 2,4,6-Trinitrophenol. ACS Applied Materials & Interfaces, 2017, 9, 23828-23835.	4.0	154
10	Atomicâ€“Scale Insights into Surface Lattice Oxygen Activation at the Spinel/Perovskite interface of Co <sub>3</sub> O <sub>4</sub> /La <sub>0.3</sub> Sr <sub>0.7</sub> CoO <sub>3</sub> . Angewandte Chemie - International Edition, 2019, 58, 11720-11725.	7.2	140
11	Controlling the Particle Size of Calcined SnO <sub>2</sub> Nanocrystals. Nano Letters, 2001, 1, 723-726.	4.5	135
12	(EMIm) <sup>+</sup> (PF <sub>6</sub> ) <sup>-</sup> Ionic Liquid Unlocks Optimum Energy/Power Density for Architecture of Nanocarbonâ€“Based Dualâ€“Ion Battery. Advanced Energy Materials, 2016, 6, 1601378.	10.2	116
13	Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport. Advanced Materials, 2020, 32, e2002556.	11.1	116
14	Snâ€“Ni <sub>3</sub> S <sub>2</sub> Ultrathin Nanosheets as Efficient Bifunctional Water-Splitting Catalysts with a Large Current Density and Low Overpotential. ACS Applied Materials & Interfaces, 2018, 10, 40568-40576.	4.0	113
15	Carbon Nitride Supramolecular Hybrid Material Enabled High-Efficiency Photocatalytic Water Treatments. Nano Letters, 2016, 16, 6568-6575.	4.5	108
16	Tumor-Associated-Macrophage-Membrane-Coated Nanoparticles for Improved Photodynamic Immunotherapy. Nano Letters, 2021, 21, 5522-5531.	4.5	106
17	Cobalt Nanoparticles/Black Phosphorus Nanosheets: An Efficient Catalyst for Electrochemical Oxygen Evolution. Advanced Science, 2018, 5, 1800575.	5.6	102
18	Hollow Multiâ€“Shelled Structure with Metalâ€“Organicâ€“Frameworkâ€“Derived Coatings for Enhanced Lithium Storage. Angewandte Chemie - International Edition, 2019, 58, 5266-5271.	7.2	102

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19	Hollow-Structured Metal Oxides as Oxygen-Related Catalysts. <i>Advanced Materials</i> , 2019, 31, e1801430.	11.1	99
20	Effect of Side-Group-Regulated Dipolar Passivating Molecules on CsPbBr <sub>3</sub> Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2021, 6, 2336-2342.	8.8	91
21	Rational design of NiFe LDH@Ni <sub>3</sub> N nano/microsheet arrays as a bifunctional electrocatalyst for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17202-17211.	5.2	89
22	Bortezomib-Encapsulated CuS/Carbon Dot Nanocomposites for Enhanced Photothermal Therapy via Stabilization of Polyubiquitinated Substrates in the Proteasomal Degradation Pathway. <i>ACS Nano</i> , 2020, 14, 10688-10703.	7.3	88
23	Charge Polarization from Atomic Metals on Adjacent Graphitic Layers for Enhancing the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9404-9408.	7.2	87
24	Black Phosphorus-Modified Co <sub>3</sub> O <sub>4</sub> through Tuning the Electronic Structure for Enhanced Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17459-17466.	4.0	87
25	Engineering the surface of perovskite La <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> for catalytic activity of CO oxidation. <i>Chemical Communications</i> , 2014, 50, 9200-9203.	2.2	84
26	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
27	Hydrothermal synthesis and crystal structure of a layered vanadium oxide with an interlayer metal co-ordination complex: Cd[C <sub>3</sub> N <sub>2</sub> H <sub>11</sub> ] <sub>2</sub> [V <sub>8</sub> O <sub>20</sub> ]. <i>Dalton Transactions RSC</i> , 2000, , 275-278.	2.3	79
28	Crystal facet tailoring arts in perovskite oxides. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 965-981.	3.0	78
29	Multifunctional Luminescent Porous Organic Polymer for Selectively Detecting Iron Ions and 1,4-Dioxane via Luminescent Turn-off and Turn-on Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 24097-24103.	4.0	78
30	A K <sub>2</sub> Fe <sub>4</sub> O <sub>7</sub> superionic conductor for all-solid-state potassium metal batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8413-8418.	5.2	75
31	3d-4f Metal-Organic Framework with Dual Luminescent Centers That Efficiently Discriminates the Isomer and Homologues of Small Organic Molecules. <i>Inorganic Chemistry</i> , 2016, 55, 1089-1095.	1.9	72
32	The Uncommon Channel-Based Ln-MOFs for Highly Selective Fe <sup>3+</sup> Detection and Superior Rhodamine...B Adsorption. <i>Chemistry - A European Journal</i> , 2016, 22, 16230-16235.	1.7	70
33	Stimuli-Responsive Luminescent Properties of Tetraphenylethene-Based Strontium and Cobalt Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19716-19721.	7.2	70
34	Activation of Surface Oxygen Sites in a Cobalt-Based Perovskite Model Catalyst for CO Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4146-4154.	2.1	67
35	Unfolding Bi <sub>2</sub> O <sub>3</sub> Bonds for an Enhanced ORR Performance in ABO <sub>3</sub> -Type Perovskites. <i>Small</i> , 2019, 15, e1803513.	5.2	67
36	Phase-Reconfiguration-Induced NiS/NiFe <sub>2</sub> O <sub>4</sub> Composite for Performance-Enhanced Zinc-Air Batteries. <i>Advanced Materials</i> , 2022, 34, e2110172.	11.1	67

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37	A non-luminescent Eu-MOF-based "turn-on" sensor towards an anthrax biomarker through single-crystal to single-crystal phase transition. <i>Chemical Communications</i> , 2019, 55, 14918-14921.	2.2	64
38	Magnetic properties of Re-substituted Ni-Mn ferrite nanocrystallites. <i>Journal of Materials Science</i> , 2007, 42, 686-691.	1.7	61
39	Simple basic zirconium carbonate: low temperature catalysis for hydrogen transfer of biomass-derived carboxides. <i>Green Chemistry</i> , 2019, 21, 5969-5979.	4.6	61
40	High-performance gas sensing achieved by mesoporous tungsten oxide mesocrystals with increased oxygen vacancies. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8653.	5.2	60
41	A facile template-free approach for the solid-phase synthesis of CoS <sub>2</sub> nanocrystals and their enhanced storage energy in supercapacitors. <i>RSC Advances</i> , 2014, 4, 50220-50225.	1.7	60
42	γ-MnO <sub>2</sub> -Mn <sub>3</sub> O <sub>4</sub> Nanocomposite for Photochemical Water Oxidation: Active Structure Stabilized in the Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 27825-27831.	4.0	60
43	Preparation, characterization and photochemical properties of ordered macroporous hybrid silica materials based on monovacant Keggin-type polyoxometalates. <i>Journal of Materials Chemistry</i> , 2002, 12, 3046-3052.	6.7	59
44	Electrochemical dopamine sensor based on superionic conducting potassium ferrite. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112045.	5.3	59
45	Novel Coordination Polymers with Mixed Ligands and Orientated Enantiomers. <i>Inorganic Chemistry</i> , 2001, 40, 5312-5313.	1.9	58
46	In-situ Growth of CoP Nanoparticles Anchored on Black Phosphorus Nanosheets for Enhanced Photocatalytic Hydrogen Production. <i>ChemCatChem</i> , 2018, 10, 2179-2183.	1.8	58
47	Integrating Catalysis of Methane Decomposition and Electrocatalytic Hydrogen Evolution with Ni/CeO <sub>2</sub> for Improved Hydrogen Production Efficiency. <i>ChemSusChem</i> , 2019, 12, 1000-1010.	3.6	58
48	Solid Solubility and Transport Properties of Nanocrystalline(CeO <sub>2</sub> ) <sub>1-x</sub> (BiO <sub>1.5</sub> ) <sub>x</sub> by Hydrothermal Conditions. <i>Chemistry of Materials</i> , 1999, 11, 1259-1266.	3.2	57
49	Reduced graphene oxide modified mesoporous FeNi alloy/carbon microspheres for enhanced broadband electromagnetic wave absorbers. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1786-1794.	3.2	56
50	Facile Synthesis of Highly Water-Soluble Lanthanide-Doped LaVO <sub>4</sub> NPs for Antifake Ink and Latent Fingerprint Detection. <i>Small</i> , 2017, 13, 1702305.	5.2	56
51	Drawing a Pencil-Trace Cathode for a High-Performance Polymer-Based Li-CO <sub>2</sub> Battery with Redox Mediator. <i>Advanced Functional Materials</i> , 2019, 29, 1806863.	7.8	56
52	Dual Functionalized Cages in Metal-Organic Frameworks via Stepwise Postsynthetic Modification. <i>Chemistry of Materials</i> , 2016, 28, 4781-4786.	3.2	55
53	Ni <sub>x</sub> Fe <sub>y</sub> N@C microsheet arrays on Ni foam as an efficient and durable electrocatalyst for electrolytic splitting of alkaline seawater. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13562-13569.	5.2	54
54	Quantitative Evaluation of Carrier Dynamics in Full-Spectrum Responsive Metallic ZnIn <sub>2</sub> S <sub>4</sub> with Indium Vacancies for Boosting Photocatalytic CO <sub>2</sub> Reduction. <i>Nano Letters</i> , 2022, 22, 4970-4978.	4.5	54

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55	Design and Construction of Coordination Polymers by 4-Amino-3,5-bis(4-pyridyl)-1,2,4-triazole (n = 2, 3, 4) Isomers in a Copper(I) Halide System: Diverse Structures Tuned by Isomeric and Anion Effects. <i>Crystal Growth and Design</i> , 2010, 10, 2192-2201.	1.4	53
56	Evidence for Ferroelectricity of All-Inorganic Perovskite CsPbBr <sub>3</sub> Quantum Dots. <i>Journal of the American Chemical Society</i> , 2020, 142, 3316-3320.	6.6	53
57	Porous Pt Nanotubes with High Methanol Oxidation Electrocatalytic Activity Based on Original Bamboo-Shaped Te Nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 16147-16153.	4.0	52
58	Saccharomyces-derived carbon dots for biosensing pH and vitamin B 12. <i>Talanta</i> , 2019, 195, 117-126.	2.9	52
59	Hydrothermal Synthesis of Tetragonal Barium Titanate from Barium Hydroxide and Titanium Dioxide under Moderate Conditions. <i>Journal of the American Ceramic Society</i> , 1999, 82, 3254-3256.	1.9	51
60	A coordination polymer of copper(I) iodide with 654 topology constructed from Cu <sub>4</sub> (DABCO) <sub>4</sub> . <i>CrystEngComm</i> , 2007, 9, 984.	1.3	51
61	Coordination polymers constructed by 1,3-bis(4-pyridyl)propane with four different conformations and 2,2-dinitro-4,4'-biphenyldicarboxylate ligands: the effects of metal ions. <i>CrystEngComm</i> , 2011, 13, 1291-1298.	1.3	51
62	Photothermal therapy mediated by gold nanocages composed of anti-PDL1 and galunisertib for improved synergistic immunotherapy in colorectal cancer. <i>Acta Biomaterialia</i> , 2021, 134, 621-632.	4.1	50
63	A stable nanoscaled Zr-MOF for the detection of toxic mycotoxin through a pH-modulated ratiometric luminescent switch. <i>Chemical Communications</i> , 2020, 56, 5389-5392.	2.2	49
64	Solvothermal Synthesis and Structural Characterisation of Metal-Organic Frameworks with Paddlewheel Zinc Carboxylate Clusters and Mixed Ligands. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2712-2719.	1.0	48
65	Highly Efficient B-Site Exsolution Assisted by Co Doping in Lanthanum Ferrite toward High-Performance Electrocatalysts for Oxygen Evolution and Oxygen Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 302-310.	3.2	48
66	Cation-Exchange-Induced Metal and Alloy Dual-Exsolution in Perovskite Ferrite Oxides Boosting the Performance of Li <sub>2</sub> Battery. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23380-23387.	7.2	47
67	Hydrothermal synthesis and characterization of metal-organic networks with helical units in a mixed ligand system. <i>CrystEngComm</i> , 2008, 10, 888.	1.3	46
68	High adsorption capacity for dye removal by CuZn hydroxyl double salts. <i>Environmental Science: Nano</i> , 2014, 1, 172-180.	2.2	46
69	Crystal Shape Tailoring in Perovskite Structure Rare-Earth Ferrites REFeO <sub>3</sub> (RE = La, Pr, Sm,) <i>Tj ETQq1 1 0.784314 rgBT / Qv</i> Design, 2016, 16, 6522-6530.	1.4	46
70	Molten Salt Flux Synthesis, Crystal Facet Design, Characterization, Electronic Structure, and Catalytic Properties of Perovskite Cobaltite. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 28219-28231.	4.0	46
71	Silver-Intermediated Perovskite La <sub>0.9</sub> FeO <sub>3</sub> toward High-Performance Cathode Catalysts for Nonaqueous Lithium-Oxygen Batteries. <i>ACS Catalysis</i> , 2019, 9, 11743-11752.	5.5	46
72	Glutathione-Bioimprinted Nanoparticles Targeting of N <sup>6</sup> -methyladenosine FTO Demethylase as a Strategy against Leukemic Stem Cells. <i>Small</i> , 2022, 18, e2106558.	5.2	45

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73	Tuning $W_{18}O_{49}/Cu_2O\{111\}$ Interfaces for the Highly Selective $CO_2$ Photocatalytic Conversion to $CH_4$ . ACS Applied Materials & Interfaces, 2020, 12, 35113-35119.	4.0	44
74	A simple solution-phase approach to synthesize high quality ternary AgInSe <sub>2</sub> and band gap tunable quaternary AgIn(S <sub>1-x</sub> Se <sub>x</sub> ) <sub>2</sub> nanocrystals. Nanoscale, 2014, 6, 6782.	2.8	42
75	Catalytic behavior of electrospinning synthesized La <sub>0.75</sub> Sr <sub>0.25</sub> MnO <sub>3</sub> nanofibers in the oxidation of CO and CH <sub>4</sub> . Chemical Engineering Journal, 2014, 244, 27-32.	6.6	42
76	Interfacial electric field enhanced charge density for robust triboelectric nanogenerators by tailoring metal/perovskite Schottky junction. Nano Energy, 2020, 73, 104747.	8.2	42
77	Flexible Electrocatalytic Nanofiber Membrane Reactor for Lithium/Sulfur Conversion Chemistry. Advanced Functional Materials, 2020, 30, 1910533.	7.8	41
78	Design and construction of coordination polymers based on 2,2'-dinitro-4,4'-biphenyldicarboxylate and imidazole-based ligands: The effect of ligand length and metal ions. CrystEngComm, 2011, 13, 4592.	1.3	40
79	Metal-ionic-conductor potassium ferrite nanocrystals with intrinsic superhydrophilic surfaces for electrocatalytic water splitting at ultrahigh current densities. Journal of Materials Chemistry A, 2021, 9, 7586-7593.	5.2	40
80	Hydrothermal synthesis and magnetic properties of REFe <sub>0.5</sub> Cr <sub>0.5</sub> O <sub>3</sub> (RE = La, Tb, Ho, Er, Yb, Lu and Y) perovskite. New Journal of Chemistry, 2014, 38, 1168.	1.4	39
81	Enhanced CO catalytic oxidation by Sr reconstruction on the surface of La <sub>x</sub> Sr <sub>1-x</sub> CoO <sub>3</sub> . Science Bulletin, 2017, 62, 658-664.	4.3	38
82	Highly Active PdNi/RGO/Polyoxometalate Nanocomposite Electrocatalyst for Alcohol Oxidation. Langmuir, 2018, 34, 2685-2691.	1.6	38
83	Hydrothermal synthesis and characterization of nanocrystalline pyrochlore oxides M <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> (M = La, Tj). ETQq1 1 0,784314 rgBT /Overl 6.7 37	6.7	37
84	Hydrothermal Synthesis of a CaNb <sub>2</sub> O <sub>6</sub> Hierarchical Micro/Nanostructure and Its Enhanced Photocatalytic Activity. European Journal of Inorganic Chemistry, 2010, 2010, 1275-1282.	1.0	37
85	Synthesis, structures and luminescent properties of cadmium(ii) metal organic frameworks based on 3-pyrid-4-ylbenzoic acid, 4-pyrid-4-ylbenzoic acid ligands. CrystEngComm, 2012, 14, 4664.	1.3	37
86	Defect Engineering, Electronic Structure, and Catalytic Properties of Perovskite Oxide La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> . Chemistry - A European Journal, 2017, 23, 1093-1100.	1.7	37
87	Economical synthesis of composites of FeNi alloy nanoparticles evenly dispersed in two-dimensional reduced graphene oxide as thin and effective electromagnetic wave absorbers. RSC Advances, 2018, 8, 8393-8401.	1.7	37
88	Gold Nanorods Exhibit Intrinsic Therapeutic Activity via Controlling 6-Methyladenosine-Based Epitranscriptomics in Acute Myeloid Leukemia. ACS Nano, 2021, 15, 17689-17704.	7.3	36
89	Luminescent covalent organic framework as a recyclable turn-off fluorescent sensor for cations and anions in aqueous solution. Journal of Materials Chemistry C, 2019, 7, 11919-11925.	2.7	35
90	Modulating Ti <sub>2g</sub> Orbital Occupancy in a Cu/TiO <sub>2</sub> Composite for Selective Photocatalytic $CO_2$ Reduction to CO. Angewandte Chemie - International Edition, 2022, 61, .	7.2	35

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91	Hydrothermal Synthesis of Complex Fluorides NaHoF <sub>4</sub> and NaEuF <sub>4</sub> with Fluorite Structures under Mild Conditions. <i>Chemistry of Materials</i> , 1997, 9, 2966-2968.	3.2	34
92	Mild hydrothermal synthesis and ferrimagnetism of Pr <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> and Nd <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> garnets. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1048-1053.	1.4	34
93	Enhanced Ferroelectric and Visible-Light Photoelectric Properties in Multiferroic KBiFe <sub>2</sub> O <sub>5</sub> via Pressure-Induced Phase Transition. <i>Advanced Electronic Materials</i> , 2017, 3, 1600498.	2.6	34
94	Multivariate Synergistic Flexible Metal-Organic Frameworks with Superproton Conductivity for Direct Methanol Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26577-26581.	7.2	34
95	Glycyrrhetic acid nanoparticles combined with ferrotherapy for improved cancer immunotherapy. <i>Acta Biomaterialia</i> , 2022, 144, 109-120.	4.1	34
96	Mild hydrothermal synthesis and physical property of perovskite Sr doped LaCrO <sub>3</sub> . <i>Materials Letters</i> , 2013, 101, 86-89.	1.3	33
97	Selective Acetylene Adsorption within an Imino-Functionalized Nanocage-Based Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 5999-6006.	4.0	33
98	Visible-Light-Responsive UiO-66(Zr) with Defects Efficiently Promoting Photocatalytic CO <sub>2</sub> Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 28977-28984.	4.0	33
99	Hydrothermal Syntheses and Structural Phase Transitions of AgNbO <sub>3</sub> . <i>Journal of the American Ceramic Society</i> , 2012, 95, 3673-3677.	1.9	32
100	Structure, optical spectroscopy properties and thermochromism of Sm <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> garnets. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10529-10537.	2.7	32
101	Cation Segregation of A-Site Deficiency Perovskite La <sub>0.85</sub> FeO <sub>3</sub> Nanoparticles toward High-Performance Cathode Catalysts for Rechargeable Li-O <sub>2</sub> Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25465-25472.	4.0	31
102	A cage-based covalent organic framework for drug delivery. <i>New Journal of Chemistry</i> , 2021, 45, 3343-3348.	1.4	31
103	Facile preparation of BiVO <sub>4</sub> /FeVO <sub>4</sub> heterostructure for efficient water-splitting applications. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23046-23053.	3.8	30
104	Synthesis of Cu-Sb-S nanocrystals: insight into the mechanism of composition and crystal phase selection. <i>CrystEngComm</i> , 2016, 18, 3703-3710.	1.3	29
105	Mercaptopropionic Acid-Capped Wurtzite Cu <sub>9</sub> Sn <sub>2</sub> Se <sub>9</sub> Nanocrystals as High-Performance Anode Materials for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 1810-1818.	4.0	29
106	Optimized Co <sup>2+</sup> (Td)â€‘Oâ€‘Fe <sup>3+</sup> (Oh) electronic states in a spinel electrocatalyst for highly efficient oxygen evolution reaction performance. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3295-3301.	3.0	29
107	Optimizing the surface state of cobalt-iron bimetallic phosphide <i>via</i> regulating phosphorus vacancies. <i>Chemical Communications</i> , 2020, 56, 2602-2605.	2.2	29
108	Design and construction of coordination polymers by 2,2'-dinitro-4,4'-biphenyldicarboxylate and imidazole-based ligands: diverse structures based on different metal ions. <i>CrystEngComm</i> , 2011, 13, 2457.	1.3	26

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109	Heterostructural MnO <sub>2</sub> @NiS <sub>2</sub> /Ni(OH) <sub>2</sub> materials for high-performance pseudocapacitor electrodes. RSC Advances, 2017, 7, 44289-44295.	1.7	26
110	Integration of Open Metal Sites and Lewis Basic Sites for Construction of a Cu MOF with a Rare Chiral <i>h</i> -type cage for high performance in methane purification. Chemistry - A European Journal, 2018, 24, 13181-13187.	1.7	26
111	Atomic-scale Insights into Surface Lattice Oxygen Activation at the Spinel/Perovskite interface of Co <sub>3</sub> O <sub>4</sub> /La <sub>0.3</sub> Sr <sub>0.7</sub> CoO <sub>3</sub> . Angewandte Chemie, 2019, 131, 11846-11851.	1.6	26
112	Jahn-Teller Disproportionation Induced Exfoliation of Unit-cell Scale $\mu$ -MnO <sub>2</sub> . Angewandte Chemie - International Edition, 2020, 59, 22659-22666.	7.2	26
113	Constructed Interfacial Oxygen-bridge Chemical Bonding in Core-shell Transition Metal Phosphides/Carbon Hybrid Boosting Oxygen Evolution Reaction. ChemSusChem, 2021, 14, 2188-2197.	3.6	26
114	A rapid chemical route to niobates: hydrothermal synthesis and transport properties of ultrafine Ba <sub>5</sub> Nb <sub>4</sub> O <sub>15</sub> . Journal of Materials Chemistry, 2000, 10, 965-968.	6.7	25
115	First coordination complex-linked vanadium selenite, [Cu(phen)] <sub>2</sub> V <sub>2</sub> Se <sub>2</sub> O <sub>11</sub> : hydrothermal synthesis and crystal structure. Dalton Transactions RSC, 2002, , 1873-1874.	2.3	25
116	Study of preparation and magnetic properties of silica-coated cobalt ferrite nanocomposites. Journal of Materials Science, 2007, 42, 4110-4114.	1.7	25
117	Crystal facet control of LaFeO <sub>3</sub> , LaCrO <sub>3</sub> , and La <sub>0.75</sub> Sr <sub>0.25</sub> MnO <sub>3</sub> . CrystEngComm, 2014, 16, 2874.	1.3	25
118	Hydrothermal syntheses and photoluminescence properties of rare-earth tungstate as near ultraviolet type red phosphors. New Journal of Chemistry, 2014, 38, 1441.	1.4	25
119	Sub-10 nm Sr <sub>2</sub> LuF <sub>7</sub> :Yb/Er@Sr <sub>2</sub> GdF <sub>7</sub> @SrF <sub>2</sub> Up-Conversion Nanocrystals for Up-Conversion Luminescence Computed Tomography Trimodal Bioimaging. ACS Applied Materials & Interfaces, 2017, 9, 5748-5756.	4.0	25
120	1T-2H Cr <sub>x</sub> -MoS <sub>2</sub> Ultrathin Nanosheets for Durable and Enhanced Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 7227-7232.	3.2	25
121	Optimizing the electronic spin state and delocalized electron of NiCo <sub>2</sub> (OH)/MXene composite by interface engineering and plasma boosting oxygen evolution reaction. Journal of Energy Chemistry, 2022, 71, 129-140.	7.1	25
122	Preparation of Cu <sub>2</sub> O Hollow Nanospheres under Reflux Conditions. European Journal of Inorganic Chemistry, 2007, 2007, 3841-3844.	1.0	24
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