

Gen Chen

List of Publications by Year in descending order

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129
papers

6,910
citations

81743

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131
all docs

131
docs citations

131
times ranked

8481
citing authors

#	ARTICLE	IF	CITATIONS
1	Manipulating the ion-transfer kinetics and interface stability for high-performance zinc metal anodes. <i>Energy and Environmental Science</i> , 2020, 13, 503-510.	15.6	828
2	Pseudocapacitive Sodium Storage in Mesoporous Single-Crystal-like TiO ₂ â€“Graphene Nanocomposite Enables High-Performance Sodium-Ion Capacitors. <i>ACS Nano</i> , 2017, 11, 2952-2960.	7.3	542
3	Effective regeneration of LiCoO ₂ from spent lithium-ion batteries: a direct approach towards high-performance active particles. <i>Green Chemistry</i> , 2018, 20, 851-862.	4.6	273
4	Resolving the Compositional and Structural Defects of Degraded LiNi _x Co _y Mn _z O ₂ Particles to Directly Regenerate High-Performance Lithium-Ion Battery Cathodes. <i>ACS Energy Letters</i> , 2018, 3, 1683-1692.	8.8	263
5	Nanoscale Engineering of Heterostructured Anode Materials for Boosting Lithium-Ion Storage. <i>Advanced Materials</i> , 2016, 28, 7580-7602.	11.1	224
6	Reduced Graphene Oxide Wrapped FeS Nanocomposite for Lithium-Ion Battery Anode with Improved Performance. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5330-5335.	4.0	199
7	Anionâ€“Sorbent Composite Separators for High-Rate Lithium-Ion Batteries. <i>Advanced Materials</i> , 2019, 31, e1808338.	11.1	178
8	Recent advances in nanostructured Nb-based oxides for electrochemical energy storage. <i>Nanoscale</i> , 2016, 8, 8443-8465.	2.8	172
9	Facile synthesis, magnetic and microwave absorption properties of Fe ₃ O ₄ /polypyrrole core/shell nanocomposite. <i>Journal of Alloys and Compounds</i> , 2011, 509, 4104-4107.	2.8	159
10	Graphene Caging Silicon Particles for High-Performance Lithium-Ion Batteries. <i>Small</i> , 2018, 14, e1800635.	5.2	146
11	Constructing Conductive Interfaces between Nickel Oxide Nanocrystals and Polymer Carbon Nitride for Efficient Electrocatalytic Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2019, 29, 1904020.	7.8	140
12	Metalâ€“Organic Framework Hexagonal Nanoplates: Bottom-up Synthesis, Topotactic Transformation, and Efficient Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 7317-7321.	6.6	140
13	Dual redox mediators accelerate the electrochemical kinetics of lithium-sulfur batteries. <i>Nature Communications</i> , 2020, 11, 5215.	5.8	113
14	Phase-Transfer Ligand Exchange of Lead Chalcogenide Quantum Dots for Direct Deposition of Thick, Highly Conductive Films. <i>Journal of the American Chemical Society</i> , 2017, 139, 6644-6653.	6.6	112
15	Ultrafine Nb ₂ O ₅ Nanocrystal Coating on Reduced Graphene Oxide as Anode Material for High Performance Sodium Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22213-22219.	4.0	108
16	Microwave-assisted synthesis of hybrid Co _x Ni _{1-x} (OH) ₂ nanosheets: Tuning the composition for high performance supercapacitor. <i>Journal of Power Sources</i> , 2014, 251, 338-343.	4.0	101
17	Engineering of carbon and other protective coating layers for stabilizing silicon anode materials. , 2019, 1, 219-245.		94
18	Oxygen Production of Modified Coreâ€“Shell CuO@ZrO ₂ Nanocomposites by Microwave Radiation to Alleviate Cancer Hypoxia for Enhanced Chemo-Microwave Thermal Therapy. <i>ACS Nano</i> , 2018, 12, 12721-12732.	7.3	92

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19	Layered Metal Hydroxides and Their Derivatives: Controllable Synthesis, Chemical Exfoliation, and Electrocatalytic Applications. <i>Advanced Energy Materials</i> , 2020, 10, 1902535.	10.2	90
20	2D Free-standing Nitrogen-doped Ni ₃ S ₂ @Carbon Nanoplates Derived from Metal-Organic Frameworks for Enhanced Oxygen Evolution Reaction. <i>Small</i> , 2019, 15, e1900348.	5.2	88
21	A-site Excessive (La _{0.8} Sr _{0.2}) _{1-x} MnO ₃ Perovskite Oxides for Bifunctional Oxygen Catalyst in Alkaline Media. <i>ACS Catalysis</i> , 2019, 9, 5074-5083.	5.5	84
22	Novel rose-like ZnO nanoflowers synthesized by chemical vapor deposition. <i>Materials Letters</i> , 2009, 63, 496-499.	1.3	77
23	Facile synthesis of hierarchical MoS ₂ -carbon microspheres as a robust anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9653-9660.	5.2	73
24	Well-dispersed phosphorus nanocrystals within carbon via high-energy mechanical milling for high performance lithium storage. <i>Nano Energy</i> , 2019, 59, 464-471.	8.2	70
25	Post Iron Decoration of Mesoporous Nitrogen-doped Carbon Spheres for Efficient Electrochemical Oxygen Reduction. <i>Advanced Energy Materials</i> , 2017, 7, 1701154.	10.2	65
26	Edge-sited Fe-N ₄ atomic species improve oxygen reduction activity via boosting O ₂ dissociation. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118593.	10.8	63
27	Machine Learning in Screening High Performance Electrocatalysts for CO ₂ Reduction. <i>Small Methods</i> , 2021, 5, e2100987.	4.6	60
28	Instant gelation synthesis of 3D porous MoS ₂ @C nanocomposites for lithium ion batteries. <i>Nanoscale</i> , 2014, 6, 3664-3669.	2.8	58
29	Solvothermal route based in situ carbonization to Fe ₃ O ₄ @C as anode material for lithium ion battery. <i>Nano Energy</i> , 2014, 8, 126-132.	8.2	57
30	Shape-controlled synthesis and characterization of cobalt oxides hollow spheres and octahedra. <i>Dalton Transactions</i> , 2012, 41, 5981.	1.6	54
31	Interfacial engineering of Mo ₂ C@Mo ₃ C ₂ heteronanowires for high performance hydrogen evolution reactions. <i>Nanoscale</i> , 2019, 11, 23318-23329.	2.8	54
32	Ni ₂ P ₂ O ₇ Nanoarrays with Decorated C ₃ N ₄ Nanosheets as Efficient Electrode for Supercapacitors. <i>ACS Applied Energy Materials</i> , 2018, 1, 2016-2023.	2.5	50
33	Porous TiO ₂ Conformal Coating on Carbon Nanotubes as Energy Storage Materials. <i>Electrochimica Acta</i> , 2015, 169, 73-81.	2.6	49
34	Microcrystallization and lattice contraction of NiFe LDHs for enhancing water electrocatalytic oxidation. , 2022, 4, 901-913.		49
35	Advanced Electrocatalytic Performance of Ni-Based Materials for Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 341-349.	3.2	43
36	Large scale preparation of 20 cm × 20 cm graphene modified carbon felt for high performance vanadium redox flow battery. <i>Nano Research</i> , 2021, 14, 3538-3544.	5.8	43

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37	Hollow spherical rare-earth-doped yttrium oxysulfate: A novel structure for upconversion. <i>Nano Research</i> , 2014, 7, 1093-1102.	5.8	42
38	Shape-Controlled Narrow-Gap SnTe Nanostructures: From Nanocubes to Nanorods and Nanowires. <i>Journal of the American Chemical Society</i> , 2015, 137, 15074-15077.	6.6	42
39	Encapsulation of SnO ₂ nanocrystals into hierarchically porous carbon by melt infiltration for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18706-18710.	5.2	42
40	A facile microwave-assisted route to Co(OH) ₂ and Co ₃ O ₄ nanosheet for Li-ion battery. <i>Journal of Alloys and Compounds</i> , 2013, 578, 349-354.	2.8	41
41	Hybrid Nanostructures of Bimetallic NiCo Nitride/N-Doped Reduced Graphene Oxide as Efficient Bifunctional Electrocatalysts for Rechargeable Zn-Air Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19612-19620.	3.2	41
42	Insights into the critical dual-effect of acid treatment on Zn _x Cd _{1-x} S for enhanced photocatalytic production of syngas under visible light. <i>Applied Catalysis B: Environmental</i> , 2021, 288, 119976.	10.8	41
43	A Ternary Molten Salt Approach for Direct Regeneration of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ Cathode. <i>Small</i> , 2022, 18, e2106719.	5.2	41
44	Post-synthesis isomorphous substitution of layered Co-Mn hydroxide nanocones with graphene oxide as high-performance supercapacitor electrodes. <i>Nanoscale</i> , 2019, 11, 6165-6173.	2.8	39
45	Stabilizing CuGaS ₂ by crystalline CdS through an interfacial Z-scheme charge transfer for enhanced photocatalytic CO ₂ reduction under visible light. <i>Nanoscale</i> , 2020, 12, 8693-8700.	2.8	39
46	Particulate Anion Sorbents as Electrolyte Additives for Lithium Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2003055.	7.8	38
47	MOF-derived multifractal porous carbon with ultrahigh lithium-ion storage performance. <i>Scientific Reports</i> , 2017, 7, 40574.	1.6	36
48	β-cyclodextrin as Lithium-ion Diffusion Channel with Enhanced Kinetics for Stable Silicon Anode. <i>Energy and Environmental Materials</i> , 2021, 4, 72-80.	7.3	36
49	Titanium Oxynitride Nanoparticles Anchored on Carbon Nanotubes as Energy Storage Materials. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24212-24217.	4.0	35
50	Activating Hematite Nanoplates via Partial Reduction for Electrocatalytic Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11841-11849.	3.2	35
51	Bio-inspired synthesis of nanomaterials and smart structures for electrochemical energy storage and conversion. <i>Nano Materials Science</i> , 2020, 2, 264-280.	3.9	35
52	Nickel substituted LiMn ₂ O ₄ cathode with durable high-rate capability for Li-ion batteries. <i>RSC Advances</i> , 2013, 3, 18441.	1.7	33
53	A facile hydrothermal route to iron(III) oxide with conductive additives as composite anode for lithium ion batteries. <i>Journal of Power Sources</i> , 2014, 259, 227-232.	4.0	33
54	All-in-one surface engineering strategy on nickel phosphide arrays towards a robust electrocatalyst for hydrogen evolution reaction. <i>Journal of Power Sources</i> , 2019, 429, 46-54.	4.0	33

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55	Facile synthesis of porous FeCo ₂ O ₄ nanowire arrays on flexible carbon cloth with superior lithium storage properties. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 122, 261-267.	1.9	32
56	Anticorrosive Copper Current Collector Passivated by Self-Assembled Porous Membrane for Highly Stable Lithium Metal Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2104930.	7.8	32
57	A novel solvent-free thermal reaction of ferrocene and sulfur for one-step synthesis of iron sulfide and carbon nanocomposites and their electrochemical performance. <i>Journal of Power Sources</i> , 2014, 265, 1-5.	4.0	31
58	Two-dimensional NiSe ₂ nanosheets on carbon fiber cloth for high-performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 821, 153218.	2.8	30
59	Tuning Interfacial Active Sites over Porous Mo ₂ N-Supported Cobalt Sulfides for Efficient Hydrogen Evolution Reactions in Acid and Alkaline Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41573-41583.	4.0	30
60	Interconnected silicon nanoparticles originated from halloysite nanotubes through the magnesiothermic reduction: A high-performance anode material for lithium-ion batteries. <i>Applied Clay Science</i> , 2018, 162, 499-506.	2.6	29
61	Self-Supported Fe-Doped CoP Nanowire Arrays Grown on Carbon Cloth with Enhanced Properties in Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 406-412.	2.5	29
62	3D Network Binder via In Situ Cross-Linking on Silicon Anodes with Improved Stability for Lithium-Ion Batteries. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900414.	1.1	29
63	Molecular-Scale Manipulation of Layer Sequence in Heteroassembled Nanosheet Films toward Oxygen Evolution Electrocatalysts. <i>ACS Nano</i> , 2022, 16, 4028-4040.	7.3	29
64	Use of regenerated cellulose to direct hetero-assembly of nanoparticles with carbon nanotubes for producing flexible battery anodes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13944-13949.	5.2	28
65	Three-dimensionally interconnected Si frameworks derived from natural halloysite clay: a high-capacity anode material for lithium-ion batteries. <i>Dalton Transactions</i> , 2018, 47, 7522-7527.	1.6	28
66	Serpentine Co _x Ni _{3-x} Ge ₂ O ₅ (OH) ₄ nanosheets with tuned electronic energy bands for highly efficient oxygen evolution reaction in alkaline and neutral electrolytes. <i>Applied Catalysis B: Environmental</i> , 2020, 260, 118184.	10.8	28
67	High-Concentration Additive and Triiodide/Iodide Redox Couple Stabilize Lithium Metal Anode and Rejuvenate the Inactive Lithium in Carbonate-Based Electrolyte. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	28
68	A robust and lithiophilic three-dimension framework of CoO nanorod arrays on carbon cloth for cycling-stable lithium metal anodes. <i>Materials Today Energy</i> , 2020, 18, 100520.	2.5	27
69	Synthesis of Co(II)-Fe(III) Hydroxide Nanocones with Mixed Octahedral/Tetrahedral Coordination toward Efficient Electrocatalysis. <i>Chemistry of Materials</i> , 2020, 32, 4232-4240.	3.2	26
70	Iron-decorated nitrogen-rich carbons as efficient oxygen reduction electrocatalysts for Zn-air batteries. <i>Nanoscale</i> , 2018, 10, 16996-17001.	2.8	25
71	Serpentine Ni ₃ Ge ₂ O ₅ (OH) ₄ Nanosheets with Tailored Layers and Size for Efficient Oxygen Evolution Reactions. <i>Small</i> , 2018, 14, e1803015.	5.2	24
72	Microwave-assisted synthesis and electrochemical properties of urchin-like CuO micro-crystals. <i>Solid State Sciences</i> , 2011, 13, 2137-2141.	1.5	23

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73	Evaluation of the Catalytic Activity and Cytotoxicity of Palladium Nanocubes: The Role of Oxygen. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9364-9371.	4.0	23
74	Quick Optical Identification of the Defect Formation in Monolayer WSe ₂ for Growth Optimization. <i>Nanoscale Research Letters</i> , 2019, 14, 274.	3.1	23
75	Cobalt iron phosphide nanoparticles embedded within a carbon matrix as highly efficient electrocatalysts for the oxygen evolution reaction. <i>Chemical Communications</i> , 2019, 55, 9212-9215.	2.2	23
76	Synthesis of silicon nanosheets from kaolinite as a high-performance anode material for lithium-ion batteries. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 137, 109227.	1.9	23
77	Synergistic integration of metal nanoclusters and biomolecules as hybrid systems for therapeutic applications. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1175-1199.	5.7	23
78	Flower-like CuCoMoOx nanosheets decorated with CoCu nanoparticles as bifunctional electrocatalysts for hydrogen evolution reaction and water splitting. <i>Electrochimica Acta</i> , 2022, 404, 139748.	2.6	23
79	Controllable Fabrication and Optical Properties of Uniform Gadolinium Oxysulfate Hollow Spheres. <i>Scientific Reports</i> , 2016, 5, 17934.	1.6	22
80	Engineering Molybdenum Diselenide and Its Reduced Graphene Oxide Hybrids for Efficient Electrocatalytic Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 2018, 1, 2143-2152.	2.4	22
81	Lithium doped nickel oxide nanocrystals with a tuned electronic structure for oxygen evolution reaction. <i>Chemical Communications</i> , 2021, 57, 6070-6073.	2.2	22
82	Carbon Nanotube Supported Amorphous MoS ₂ via Microwave Heating Synthesis for Enhanced Performance of Hydrogen Evolution Reaction. <i>Energy Material Advances</i> , 2021, 2021, .	4.7	20
83	Thermally Robust Porous Bimetallic (Ni _x Pt _{1-x}) Alloy Mesocrystals within Carbon Framework: High-Performance Catalysts for Oxygen Reduction and Hydrogenation Reactions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21435-21444.	4.0	18
84	Covalently Bonded Si-Polymer Nanocomposites Enabled by Mechanochemical Synthesis as Durable Anode Materials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39127-39134.	4.0	18
85	Facile synthesis and characterization of halloysite@W18O ₄₉ nanocomposite with enhanced photocatalytic properties. <i>Applied Clay Science</i> , 2019, 183, 105319.	2.6	16
86	Improved Sorption-Enhanced Steam Methane Reforming via Calcium Oxide-Based Sorbents with Targeted Morphology. <i>Energy Technology</i> , 2019, 7, 1800807.	1.8	16
87	Composition Tuning of Ultrafine Cobalt-Based Spinel Nanoparticles for Efficient Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5534-5543.	3.2	16
88	A Facile Solvothermal Synthesis and Magnetic Properties of MnFe ₂ O ₄ Spheres with Tunable Sizes. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3569-3576.	1.9	15
89	Shape evolution and electrochemical properties of cobalt sulfide via a biomolecule-assisted solvothermal route. <i>Solid State Sciences</i> , 2013, 17, 102-106.	1.5	15
90	Layered rare-earth hydroxide nanocones with facile host composition modification and anion-exchange feature: topotactic transformation into oxide nanocones for upconversion. <i>Nanoscale</i> , 2017, 9, 8185-8191.	2.8	15

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91	Double Confined MoO ₂ /Sn/NC@NC Nanotubes: Solid-Liquid Synthesis, Conformal Transformation, and Excellent Lithium-Ion Storage. ACS Applied Materials & Interfaces, 2021, 13, 19836-19845.	4.0	15
92	Electrolyte Modulators toward Polarization-Mitigated Lithium-Ion Batteries for Sustainable Electric Transportation. Advanced Materials, 2022, 34, e2107787.	11.1	15
93	Electroplating CuO nanoneedle arrays on Ni foam as superior 3D scaffold for dendrite-free and stable Li metal anode. Applied Surface Science, 2022, 599, 153955.	3.1	15
94	Shape-controlled synthesis and properties of dandelion-like manganese sulfide hollow spheres. Materials Research Bulletin, 2012, 47, 2182-2187.	2.7	14
95	Controlled fabrication and optical properties of uniform CeO ₂ hollow spheres. RSC Advances, 2013, 3, 3544.	1.7	14
96	Upconversion luminescence of ytterbium and erbium co-doped gadolinium oxysulfate hollow nanoparticles. Applied Materials Today, 2018, 13, 381-386.	2.3	14
97	Ag _{1.69} Sb _{2.27} O _{6.25} coupled carbon nitride photocatalyst with high redox potential for efficient multifunctional environmental applications. Applied Surface Science, 2019, 487, 82-90.	3.1	14
98	Montmorillonite: A structural evolution from bulk through unilaminar nanolayers to nanotubes. Applied Clay Science, 2020, 194, 105695.	2.6	14
99	Anchoring Active Sites by Pt ₂ FeNi Alloy Nanoparticles on NiFe Layered Double Hydroxides for Efficient Electrocatalytic Oxygen Evolution Reaction. Energy and Environmental Materials, 2022, 5, 270-277.	7.3	14
100	3D multicore-shell CoSn nanoboxes encapsulated in porous carbon as anode for lithium-ion batteries. Chinese Chemical Letters, 2022, 33, 3925-3930.	4.8	14
101	Carbon coated Nb ₂ O ₅ nanosheets via dopamine-induced phase transition for high-rate lithium-ion battery. Journal of Power Sources, 2022, 530, 231274.	4.0	14
102	Ruthenium composited NiCo ₂ O ₄ spinel nanocones with oxygen vacancies as a high-efficient bifunctional catalyst for overall water splitting. Chemical Engineering Journal, 2022, 446, 137037.	6.6	14
103	Direct growth of mesoporous anatase TiO ₂ on nickel foam by soft template method as binder-free anode for lithium-ion batteries. RSC Advances, 2014, 4, 48938-48942.	1.7	13
104	Binder-Free Co ₄ N Nanoarray on Carbon Cloth as Flexible High-Performance Anode for Lithium-Ion Batteries. ACS Applied Energy Materials, 2018, 1, 4432-4439.	2.5	13
105	Oxygen-deficient Niobium Oxide in Carbon Matrix as Anode for Lithium-Ion Battery. ECS Transactions, 2015, 66, 277-283.	0.3	12
106	Ultrathin Nanosheet-Assembled Co-Fe Hydroxide Nanotubes: Sacrificial Template Synthesis, Topotactic Transformation, and Their Application as Electrocatalysts for Efficient Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2020, 12, 46578-46587.	4.0	12
107	Photo-irradiation tunes highly active sites over ² Ni(OH) ₂ nanosheets for the electrocatalytic oxygen evolution reaction. Chemical Communications, 2021, 57, 9060-9063.	2.2	12
108	Selective fabrication of porous iron oxides hollow spheres and nanofibers by electrospinning for photocatalytic water purification. Solid State Sciences, 2018, 82, 24-28.	1.5	11

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109	Activity enhancement of layered cobalt hydroxide nanocones by tuning interlayer spacing and phosphidation for electrocatalytic water oxidation in neutral solutions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1744-1752.	3.0	11
110	Hydrothermal synthesis of three-dimensional core-shell hollow N-doped carbon encapsulating SnO ₂ @CoO nanospheres for high-performance lithium-ion batteries. <i>Materials Today Energy</i> , 2019, 14, 100354.	2.5	10
111	Luminescent Yttrium Oxide Nanosheets for Temperature Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 12316-12324.	2.4	10
112	N-doped bimetallic sulfides hollow spheres derived from metal-organic frameworks toward cost-efficient and high performance oxygen evolution reaction. <i>Applied Surface Science</i> , 2022, 591, 153173.	3.1	10
113	Superlattice-Like Co-Doped Mn Oxide and NiFe Hydroxide Nanosheets toward an Energetic Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	9
114	Rare-earth-doped yttrium oxide nanoplatelets and nanotubes: controllable fabrication, topotactic transformation and upconversion luminescence. <i>CrystEngComm</i> , 2018, 20, 5025-5032.	1.3	7
115	Biomolecule-assisted hydrothermal synthesis and properties of manganese sulfide hollow microspheres. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 1385-1389.	1.9	6
116	Scalable Synthesis of Uniform Nanosized Microporous Carbon Particles from Rigid Polymers for Rapid Ion and Molecule Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25429-25437.	4.0	6
117	Alternate Restacking of 2D CoNi Hydroxide and Graphene Oxide Nanosheets for Energetic Oxygen Evolution. <i>ChemSusChem</i> , 2019, 12, 5274-5281.	3.6	6
118	Heterostructured NiFe oxide/phosphide nanoflakes for efficient water oxidation. <i>Dalton Transactions</i> , 2019, 48, 8442-8448.	1.6	6
119	Multi-shelled cobalt-nickel oxide/phosphide hollow spheres for an efficient oxygen evolution reaction. <i>Dalton Transactions</i> , 2020, 49, 10918-10927.	1.6	6
120	Cross-Linked Polymer Binder via Phthalic Acid for Stabilizing SiO _x Anodes. <i>Macromolecular Chemistry and Physics</i> , 0, , 2200068.	1.1	6
121	Electronic configuration modulation of tin dioxide by phosphorus dopant for pathway change in electrocatalytic water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2021, 9, 83-89.	3.0	5
122	Serpentine Ni ₃ Ge ₂ O ₅ (OH) ₄ Nanosheets Grow on Porous Mo ₂ N for an Efficient Oxygen Evolution Reaction. <i>Energy & Fuels</i> , 2022, 36, 11467-11476.	2.5	4
123	Silicon nanosheets derived from silicate minerals: controllable synthesis and energy storage application. <i>Nanoscale</i> , 2021, 13, 18410-18420.	2.8	3
124	Hierarchical NiFeV hydroxide nanotubes: synthesis, topotactic transformation and electrocatalysis towards the oxygen evolution reaction. <i>Dalton Transactions</i> , 2022, 51, 11098-11107.	1.6	3
125	Quasi Solid-Estate Electrolytes of Li ₂ Sn ₂ (bdc) ₃ (H ₂ O) _x Metal-Organic Frameworks for Lithium Metal Battery. <i>Electroanalysis</i> , 2022, 34, 1667-1672.	1.5	2
126	Tb ³⁺ /Sm ³⁺ co-doped double perovskite: synthesis, exfoliation and luminescence properties. <i>Chemical Communications</i> , 2022, 58, 6626-6629.	2.2	2

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127	The 2015 Edward G. Weston Summer Research Fellowship -- Summary Report: FeOOH (Goethite) Nanorods with Carbon Nanotube Network as Energy Storage Materials. <i>Electrochemical Society Interface</i> , 2015, 24, 68-69.	0.3	0
128	Editorial: Deep Eutectic Solvents/Complex Salts-Based Electrolyte for Next Generation Rechargeable Batteries. <i>Frontiers in Chemistry</i> , 2020, 8, 613353.	1.8	0
129	Luminescent properties of Gd(CO ₃)OH spherical particles with the prospect for CL microscopic analysis and multi-color displays. <i>Materials Chemistry Frontiers</i> , 0, , .	3.2	0