

# Gen Chen

## List of Publications by Citations

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116  
papers

4,359  
citations

33  
h-index

63  
g-index

131  
ext. papers

5,665  
ext. citations

9.2  
avg, IF

5.92  
L-index

#	Paper	IF	Citations
116	Pseudocapacitive Sodium Storage in Mesoporous Single-Crystal-like TiO-Graphene Nanocomposite Enables High-Performance Sodium-Ion Capacitors. <i>ACS Nano</i> , <b>2017</b> , 11, 2952-2960	16.7	443
115	Manipulating the ion-transfer kinetics and interface stability for high-performance zinc metal anodes. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 503-510	35.4	378
114	Effective regeneration of LiCoO <sub>2</sub> from spent lithium-ion batteries: a direct approach towards high-performance active particles. <i>Green Chemistry</i> , <b>2018</b> , 20, 851-862	10	178
113	Nanoscale Engineering of Heterostructured Anode Materials for Boosting Lithium-Ion Storage. <i>Advanced Materials</i> , <b>2016</b> , 28, 7580-602	24	177
112	Reduced graphene oxide wrapped FeS nanocomposite for lithium-ion battery anode with improved performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 5330-5	9.5	170
111	Facile synthesis, magnetic and microwave absorption properties of Fe <sub>3</sub> O <sub>4</sub> /polypyrrole core/shell nanocomposite. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 4104-4107	5.7	146
110	Recent advances in nanostructured Nb-based oxides for electrochemical energy storage. <i>Nanoscale</i> , <b>2016</b> , 8, 8443-65	7.7	145
109	Resolving the Compositional and Structural Defects of Degraded LiNi <sub>x</sub> Co <sub>y</sub> Mn <sub>z</sub> O <sub>2</sub> Particles to Directly Regenerate High-Performance Lithium-Ion Battery Cathodes. <i>ACS Energy Letters</i> , <b>2018</b> , 3, 1683-1692	20.1	136
108	Graphene Caging Silicon Particles for High-Performance Lithium-Ion Batteries. <i>Small</i> , <b>2018</b> , 14, e1800635	11	104
107	Anion-Sorbent Composite Separators for High-Rate Lithium-Ion Batteries. <i>Advanced Materials</i> , <b>2019</b> , 31, e1808338	24	103
106	Microwave-assisted synthesis of hybrid Co <sub>x</sub> Ni <sub>1-x</sub> (OH) <sub>2</sub> nanosheets: Tuning the composition for high performance supercapacitor. <i>Journal of Power Sources</i> , <b>2014</b> , 251, 338-343	8.9	90
105	Ultrafine Nb <sub>2</sub> O <sub>5</sub> Nanocrystal Coating on Reduced Graphene Oxide as Anode Material for High Performance Sodium Ion Battery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 22213-9	9.5	85
104	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> , <b>2017</b> , 139, 6644-6653	16.4	83
103	Metal-Organic Framework Hexagonal Nanoplates: Bottom-up Synthesis, Topotactic Transformation, and Efficient Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 7317-7321	16.4	75
102	Constructing Conductive Interfaces between Nickel Oxide Nanocrystals and Polymer Carbon Nitride for Efficient Electrocatalytic Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1904020	15.6	70
101	Facile synthesis of hierarchical MoS <sub>2</sub> /Carbon microspheres as a robust anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 9653-9660	13	68
100	Novel rose-like ZnO nanoflowers synthesized by chemical vapor deposition. <i>Materials Letters</i> , <b>2009</b> , 63, 496-499	3.3	67

99	2D Free-Standing Nitrogen-Doped Ni-Ni S @Carbon Nanoplates Derived from Metal-Organic Frameworks for Enhanced Oxygen Evolution Reaction. <i>Small</i> , <b>2019</b> , 15, e1900348	11	62
98	Post Iron Decoration of Mesoporous Nitrogen-Doped Carbon Spheres for Efficient Electrochemical Oxygen Reduction. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1701154	21.8	57
97	Oxygen Production of Modified Core-Shell CuO@ZrO Nanocomposites by Microwave Radiation to Alleviate Cancer Hypoxia for Enhanced Chemo-Microwave Thermal Therapy. <i>ACS Nano</i> , <b>2018</b> , 12, 12721-12732	16.7	57
96	Instant gelation synthesis of 3D porous MoS <sub>2</sub> @C nanocomposites for lithium ion batteries. <i>Nanoscale</i> , <b>2014</b> , 6, 3664-9	7.7	56
95	Solvothermal route based in situ carbonization to Fe <sub>3</sub> O <sub>4</sub> @C as anode material for lithium ion battery. <i>Nano Energy</i> , <b>2014</b> , 8, 126-132	17.1	50
94	Well-dispersed phosphorus nanocrystals within carbon via high-energy mechanical milling for high performance lithium storage. <i>Nano Energy</i> , <b>2019</b> , 59, 464-471	17.1	49
93	Layered Metal Hydroxides and Their Derivatives: Controllable Synthesis, Chemical Exfoliation, and Electrocatalytic Applications. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1902535	21.8	48
92	A-site Excessive (La <sub>0.8</sub> Sr <sub>0.2</sub> ) <sub>1+x</sub> MnO <sub>3</sub> Perovskite Oxides for Bifunctional Oxygen Catalyst in Alkaline Media. <i>ACS Catalysis</i> , <b>2019</b> , 9, 5074-5083	13.1	47
91	Dual redox mediators accelerate the electrochemical kinetics of lithium-sulfur batteries. <i>Nature Communications</i> , <b>2020</b> , 11, 5215	17.4	47
90	Engineering of carbon and other protective coating layers for stabilizing silicon anode materials <b>2019</b> , 1, 219-245		43
89	Shape-controlled synthesis and characterization of cobalt oxides hollow spheres and octahedra. <i>Dalton Transactions</i> , <b>2012</b> , 41, 5981-7	4.3	42
88	Porous TiO <sub>2</sub> Conformal Coating on Carbon Nanotubes as Energy Storage Materials. <i>Electrochimica Acta</i> , <b>2015</b> , 169, 73-81	6.7	40
87	Encapsulation of SnO <sub>2</sub> nanocrystals into hierarchically porous carbon by melt infiltration for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 18706-18710	13	38
86	Hollow spherical rare-earth-doped yttrium oxysulfate: A novel structure for upconversion. <i>Nano Research</i> , <b>2014</b> , 7, 1093-1102	10	38
85	A facile microwave-assisted route to Co(OH) <sub>2</sub> and Co <sub>3</sub> O <sub>4</sub> nanosheet for Li-ion battery. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 578, 349-354	5.7	36
84	Shape-Controlled Narrow-Gap SnTe Nanostructures: From Nanocubes to Nanorods and Nanowires. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15074-7	16.4	36
83	Edge-sited Fe-N <sub>4</sub> atomic species improve oxygen reduction activity via boosting O <sub>2</sub> dissociation. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 265, 118593	21.8	33
82	Interfacial engineering of MoC-MoC heteronanowires for high performance hydrogen evolution reactions. <i>Nanoscale</i> , <b>2019</b> , 11, 23318-23329	7.7	33

81	A facile hydrothermal route to iron(III) oxide with conductive additives as composite anode for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 259, 227-232	8.9	32
80	Post-synthesis isomorphous substitution of layered Co-Mn hydroxide nanocones with graphene oxide as high-performance supercapacitor electrodes. <i>Nanoscale</i> , <b>2019</b> , 11, 6165-6173	7.7	31
79	MOF-derived multifractal porous carbon with ultrahigh lithium-ion storage performance. <i>Scientific Reports</i> , <b>2017</b> , 7, 40574	4.9	30
78	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> , <b>2014</b> , 265, 1-5	8.9	29
77	Nickel substituted LiMn2O4 cathode with durable high-rate capability for Li-ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 18441	3.7	28
76	Advanced Electrocatalytic Performance of Ni-Based Materials for Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 341-349	8.3	27
75	Titanium Oxynitride Nanoparticles Anchored on Carbon Nanotubes as Energy Storage Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 24212-7	9.5	26
74	Ni2P2O7 Nanoarrays with Decorated C3N4 Nanosheets as Efficient Electrode for Supercapacitors. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 2016-2023	6.1	26
73	Facile synthesis of porous FeCo2O4 nanowire arrays on flexible carbon cloth with superior lithium storage properties. <i>Journal of Physics and Chemistry of Solids</i> , <b>2018</b> , 122, 261-267	3.9	26
72	All-in-one surface engineering strategy on nickel phosphide arrays towards a robust electrocatalyst for hydrogen evolution reaction. <i>Journal of Power Sources</i> , <b>2019</b> , 429, 46-54	8.9	25
71	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> , <b>2017</b> , 5, 13944-13949	13	25
70	Stabilizing CuGaS by crystalline CdS through an interfacial Z-scheme charge transfer for enhanced photocatalytic CO reduction under visible light. <i>Nanoscale</i> , <b>2020</b> , 12, 8693-8700	7.7	24
69	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> , <b>2019</b> , 7, 19612-19620	8.3	24
68	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> , <b>2018</b> , 162, 499-506	5.2	22
67	Iron-decorated nitrogen-rich carbons as efficient oxygen reduction electrocatalysts for Zn-air batteries. <i>Nanoscale</i> , <b>2018</b> , 10, 16996-17001	7.7	21
66	Controllable Fabrication and Optical Properties of Uniform Gadolinium Oxysulfate Hollow Spheres. <i>Scientific Reports</i> , <b>2015</b> , 5, 17934	4.9	21
65	Three-dimensionally interconnected Si frameworks derived from natural halloysite clay: a high-capacity anode material for lithium-ion batteries. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7522-7527	4.3	21
64	Evaluation of the catalytic activity and cytotoxicity of palladium nanocubes: the role of oxygen. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 9364-71	9.5	20

63	Microwave-assisted synthesis and electrochemical properties of urchin-like CuO micro-crystals. <i>Solid State Sciences</i> , <b>2011</b> , 13, 2137-2141	3.4	20
62	Self-Supported Fe-Doped CoP Nanowire Arrays Grown on Carbon Cloth with Enhanced Properties in Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 406-412	6.1	20
61	3D Network Binder via In Situ Cross-Linking on Silicon Anodes with Improved Stability for Lithium-Ion Batteries. <i>Macromolecular Chemistry and Physics</i> , <b>2020</b> , 221, 1900414	2.6	19
60	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> , <b>2020</b> , 137, 109227	3.9	19
59	Activating Hematite Nanoplates via Partial Reduction for Electrocatalytic Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 11841-11849	8.3	18
58	Particulate Anion Sorbents as Electrolyte Additives for Lithium Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2003055	15.6	18
57	Synthesis of Co(II)-Fe(III) Hydroxide Nanocones with Mixed Octahedral/Tetrahedral Coordination toward Efficient Electrocatalysis. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 4232-4240	9.6	17
56	Cobalt iron phosphide nanoparticles embedded within a carbon matrix as highly efficient electrocatalysts for the oxygen evolution reaction. <i>Chemical Communications</i> , <b>2019</b> , 55, 9212-9215	5.8	17
55	Serpentine $\text{Co}_x\text{Ni}_{3-x}\text{Ge}_2\text{O}_5(\text{OH})_4$ nanosheets with tuned electronic energy bands for highly efficient oxygen evolution reaction in alkaline and neutral electrolytes. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 260, 118184	21.8	17
54	Quick Optical Identification of the Defect Formation in Monolayer WSe for Growth Optimization. <i>Nanoscale Research Letters</i> , <b>2019</b> , 14, 274	5	16
53	Two-dimensional NiSe <sub>2</sub> nanosheets on carbon fiber cloth for high-performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 821, 153218	5.7	15
52	Insights into the critical dual-effect of acid treatment on $\text{Zn}_x\text{Cd}_{1-x}\text{S}$ for enhanced photocatalytic production of syngas under visible light. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 288, 119976	21.8	15
51	Serpentine Ni Ge O (OH) Nanosheets with Tailored Layers and Size for Efficient Oxygen Evolution Reactions. <i>Small</i> , <b>2018</b> , 14, e1803015	11	15
50	Bio-inspired synthesis of nanomaterials and smart structures for electrochemical energy storage and conversion. <i>Nano Materials Science</i> , <b>2020</b> , 2, 264-280	10.2	14
49	Montmorillonite: A structural evolution from bulk through unilaminar nanolayers to nanotubes. <i>Applied Clay Science</i> , <b>2020</b> , 194, 105695	5.2	13
48	Engineering Molybdenum Diselenide and Its Reduced Graphene Oxide Hybrids for Efficient Electrocatalytic Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 2143-2152	5.6	13
47	Shape evolution and electrochemical properties of cobalt sulfide via a biomolecule-assisted solvothermal route. <i>Solid State Sciences</i> , <b>2013</b> , 17, 102-106	3.4	13
46	Controlled fabrication and optical properties of uniform CeO <sub>2</sub> hollow spheres. <i>RSC Advances</i> , <b>2013</b> , 3, 3544	3.7	13

45	A Facile Solvothermal Synthesis and Magnetic Properties of MnFe <sub>2</sub> O <sub>4</sub> Spheres with Tunable Sizes. <i>Journal of the American Ceramic Society</i> , <b>2012</b> , 95, 3569-3576	3.8	13
44	Shape-controlled synthesis and properties of dandelion-like manganese sulfide hollow spheres. <i>Materials Research Bulletin</i> , <b>2012</b> , 47, 2182-2187	5.1	13
43	Direct growth of mesoporous anatase TiO <sub>2</sub> on nickel foam by soft template method as binder-free anode for lithium-ion batteries. <i>RSC Advances</i> , <b>2014</b> , 4, 48938-48942	3.7	12
42	Binder-Free Co <sub>4</sub> N Nanoarray on Carbon Cloth as Flexible High-Performance Anode for Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 4432-4439	6.1	11
41	Layered rare-earth hydroxide nanocones with facile host composition modification and anion-exchange feature: topotactic transformation into oxide nanocones for upconversion. <i>Nanoscale</i> , <b>2017</b> , 9, 8185-8191	7.7	10
40	Oxygen-deficient Niobium Oxide in Carbon Matrix as Anode for Lithium-Ion Battery. <i>ECS Transactions</i> , <b>2015</b> , 66, 277-283	1	10
39	Thermally Robust Porous Bimetallic (Ni Pt) Alloy Mesocrystals within Carbon Framework: High-Performance Catalysts for Oxygen Reduction and Hydrogenation Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 21435-21444	9.5	9
38	Large scale preparation of 20 cm $\times$ 20 cm graphene modified carbon felt for high performance vanadium redox flow battery. <i>Nano Research</i> , <b>2021</b> , 14, 3538-3544	10	9
37	Selective fabrication of porous iron oxides hollow spheres and nanofibers by electrospinning for photocatalytic water purification. <i>Solid State Sciences</i> , <b>2018</b> , 82, 24-28	3.4	9
36	Ag <sub>1.69</sub> Sb <sub>2.27</sub> O <sub>6.25</sub> coupled carbon nitride photocatalyst with high redox potential for efficient multifunctional environmental applications. <i>Applied Surface Science</i> , <b>2019</b> , 487, 82-90	6.7	8
35	Machine Learning in Screening High Performance Electrocatalysts for CO Reduction.. <i>Small Methods</i> , <b>2021</b> , 5, e2100987	12.8	8
34	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> , <b>2020</b> , 18, 100520	7	8
33	Anticorrosive Copper Current Collector Passivated by Self-Assembled Porous Membrane for Highly Stable Lithium Metal Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2104930	15.6	8
32	$\beta$ -cyclodextrin as Lithium-ion Diffusion Channel with Enhanced Kinetics for Stable Silicon Anode. <i>Energy and Environmental Materials</i> , <b>2021</b> , 4, 72-80	13	8
31	Synergistic integration of metal nanoclusters and biomolecules as hybrid systems for therapeutic applications. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 1175-1199	15.5	7
30	Facile synthesis and characterization of halloysite@W18O <sub>49</sub> nanocomposite with enhanced photocatalytic properties. <i>Applied Clay Science</i> , <b>2019</b> , 183, 105319	5.2	7
29	Improved Sorption-Enhanced Steam Methane Reforming via Calcium Oxide-Based Sorbents with Targeted Morphology. <i>Energy Technology</i> , <b>2019</b> , 7, 1800807	3.5	7
28	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> , <b>2019</b> , 6, 1744-1752	6.8	6



27	Multi-shelled cobalt-nickel oxide/phosphide hollow spheres for an efficient oxygen evolution reaction. <i>Dalton Transactions</i> , <b>2020</b> , 49, 10918-10927	4.3	6
26	Rare-earth-doped yttrium oxide nanoplatelets and nanotubes: controllable fabrication, topotactic transformation and upconversion luminescence. <i>CrystEngComm</i> , <b>2018</b> , 20, 5025-5032	3.3	6
25	Hydrothermal synthesis of three-dimensional core-shell hollow N-doped carbon encapsulating SnO <sub>2</sub> @CoO nanospheres for high-performance lithium-ion batteries. <i>Materials Today Energy</i> , <b>2019</b> , 14, 100354	7	6
24	Biomolecule-assisted hydrothermal synthesis and properties of manganese sulfide hollow microspheres. <i>Journal of Physics and Chemistry of Solids</i> , <b>2012</b> , 73, 1385-1389	3.9	6
23	Heterostructured NiFe oxide/phosphide nanoflakes for efficient water oxidation. <i>Dalton Transactions</i> , <b>2019</b> , 48, 8442-8448	4.3	5
22	Scalable Synthesis of Uniform Nanosized Microporous Carbon Particles from Rigid Polymers for Rapid Ion and Molecule Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 25429-25437	9.5	5
21	Alternate Restacking of 2 D CoNi Hydroxide and Graphene Oxide Nanosheets for Energetic Oxygen Evolution. <i>ChemSusChem</i> , <b>2019</b> , 12, 5274	8.3	5
20	Flower-like CuCoMoOx nanosheets decorated with CoCu nanoparticles as bifunctional electrocatalysts for hydrogen evolution reaction and water splitting. <i>Electrochimica Acta</i> , <b>2022</b> , 404, 139748	6.7	5
19	Ultrathin Nanosheet-Assembled Co-Fe Hydroxide Nanotubes: Sacrificial Template Synthesis, Topotactic Transformation, and Their Application as Electrocatalysts for Efficient Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 46578-46587	9.5	5
18	Double Confined MoO/Sn/NC@NC Nanotubes: Solid-Liquid Synthesis, Conformal Transformation, and Excellent Lithium-Ion Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 19836-19845	9.5	5
17	Upconversion luminescence of ytterbium and erbium co-doped gadolinium oxysulfate hollow nanoparticles. <i>Applied Materials Today</i> , <b>2018</b> , 13, 381-386	6.6	5
16	Tuning Interfacial Active Sites over Porous MoN-Supported Cobalt Sulfides for Efficient Hydrogen Evolution Reactions in Acid and Alkaline Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 41573-41583	9.5	5
15	Lithium doped nickel oxide nanocrystals with a tuned electronic structure for oxygen evolution reaction. <i>Chemical Communications</i> , <b>2021</b> , 57, 6070-6073	5.8	5
14	Ruthenium composited NiCo <sub>2</sub> O <sub>4</sub> spinel nanocones with oxygen vacancies as a high-efficient bifunctional catalyst for overall water splitting. <i>Chemical Engineering Journal</i> , <b>2022</b> , 137037	14.7	5
13	Composition Tuning of Ultrafine Cobalt-Based Spinel Nanoparticles for Efficient Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 5534-5543	8.3	4
12	Covalently Bonded Si-Polymer Nanocomposites Enabled by Mechanochemical Synthesis as Durable Anode Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 39127-39134	9.5	4
11	Carbon Nanotube Supported Amorphous MoS <sub>2</sub> via Microwave Heating Synthesis for Enhanced Performance of Hydrogen Evolution Reaction. <i>Energy Material Advances</i> , <b>2021</b> , 2021, 1-8	1	4
10	A Ternary Molten Salt Approach for Direct Regeneration of LiNi Co Mn O Cathode.. <i>Small</i> , <b>2022</b> , e2106719	19	3

9	3D multicore-shell CoSn nanoboxes encapsulated in porous carbon as anode for lithium-ion batteries. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	2
8	Photo-irradiation tunes highly active sites over Ni(OH) <sub>2</sub> nanosheets for the electrocatalytic oxygen evolution reaction. <i>Chemical Communications</i> , <b>2021</b> , 57, 9060-9063	5.8	2
7	Carbon coated Nb <sub>2</sub> O <sub>5</sub> nanosheets via dopamine-induced phase transition for high-rate lithium-ion battery. <i>Journal of Power Sources</i> , <b>2022</b> , 530, 231274	8.9	2
6	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> , <b>2022</b> , 591, 153173	6.7	2
5	Cross-Linked Polymer Binder via Phthalic Acid for Stabilizing SiO <sub>2</sub> Anodes. <i>Macromolecular Chemistry and Physics</i> , 2200068	2.6	2
4	Electrolyte Modulators towards Polarization Mitigated Lithium-Ion Batteries for Sustainable Electric Transportation. <i>Advanced Materials</i> , <b>2021</b> , e2107787	2.4	1
3	Silicon nanosheets derived from silicate minerals: controllable synthesis and energy storage application. <i>Nanoscale</i> , <b>2021</b> , 13, 18410-18420	7.7	1
2	Anchoring Active Sites by Pt <sub>2</sub> FeNi Alloy Nanoparticles on NiFe Layered Double Hydroxides for Efficient Electrocatalytic Oxygen Evolution Reaction. <i>Energy and Environmental Materials</i> ,	13	1
1	Quasi Solid-State Electrolytes of Li <sub>2</sub> Sn <sub>2</sub> (bdc) <sub>3</sub> (H <sub>2</sub> O) <sub>x</sub> Metal-Organic Frameworks for Lithium Metal Battery. <i>Electroanalysis</i> ,	3	0