

# Genqiang Zhang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117 papers	8,282 citations	43 h-index	90 g-index
133 ext. papers	9,603 ext. citations	12 avg, IF	6.69 L-index

#	Paper	IF	Citations
117	General solution growth of mesoporous NiCo <sub>2</sub> O <sub>4</sub> nanosheets on various conductive substrates as high-performance electrodes for supercapacitors. <i>Advanced Materials</i> , <b>2013</b> , 25, 976-9	24	884
116	Single-crystalline NiCo <sub>2</sub> O <sub>4</sub> nanoneedle arrays grown on conductive substrates as binder-free electrodes for high-performance supercapacitors. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 9453	35.4	709
115	Hierarchical NiCo <sub>2</sub> O <sub>4</sub> @MnO <sub>2</sub> core-shell heterostructured nanowire arrays on Ni foam as high-performance supercapacitor electrodes. <i>Chemical Communications</i> , <b>2013</b> , 49, 137-9	5.8	581
114	Formation of ZnMn <sub>2</sub> O <sub>4</sub> ball-in-ball hollow microspheres as a high-performance anode for lithium-ion batteries. <i>Advanced Materials</i> , <b>2012</b> , 24, 4609-13	24	557
113	Controlled growth of NiCo <sub>2</sub> O <sub>4</sub> nanorods and ultrathin nanosheets on carbon nanofibers for high-performance supercapacitors. <i>Scientific Reports</i> , <b>2013</b> , 3, 1470	4.9	393
112	Hierarchical tubular structures constructed by carbon-coated SnO(2) nanoplates for highly reversible lithium storage. <i>Advanced Materials</i> , <b>2013</b> , 25, 2589-93	24	286
111	Strongly coupled NiCo(2)O(4)-rGO hybrid nanosheets as a methanol-tolerant electrocatalyst for the oxygen reduction reaction. <i>Advanced Materials</i> , <b>2014</b> , 26, 2408-12	24	257
110	Controlled synthesis of hierarchical Co <sub>x</sub> Mn <sub>3-x</sub> O <sub>4</sub> array micro-/nanostructures with tunable morphology and composition as integrated electrodes for lithium-ion batteries. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 2664-2671	35.4	249
109	Rational synthesis of ultrathin n-type Bi <sub>2</sub> Te <sub>3</sub> nanowires with enhanced thermoelectric properties. <i>Nano Letters</i> , <b>2012</b> , 12, 56-60	11.5	245
108	Ambient Fast Synthesis and Active Sites Deciphering of Hierarchical Foam-Like Trimetal-Organic Framework Nanostructures as a Platform for Highly Efficient Oxygen Evolution Electrocatalysis. <i>Advanced Materials</i> , <b>2019</b> , 31, e1901139	24	239
107	General synthesis of multi-shelled mixed metal oxide hollow spheres with superior lithium storage properties. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 9041-4	16.4	204
106	Nontoxic and abundant copper zinc tin sulfide nanocrystals for potential high-temperature thermoelectric energy harvesting. <i>Nano Letters</i> , <b>2012</b> , 12, 540-5	11.5	192
105	General formation of complex tubular nanostructures of metal oxides for the oxygen reduction reaction and lithium-ion batteries. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 8643-7	16.4	179
104	Synthesis of one-dimensional hierarchical NiO hollow nanostructures with enhanced supercapacitive performance. <i>Nanoscale</i> , <b>2013</b> , 5, 877-81	7.7	160
103	Strongly coupled carbon nanofiber/metal oxide coaxial nanocables with enhanced lithium storage properties. <i>Energy and Environmental Science</i> , <b>2014</b> , 7, 302-305	35.4	135
102	One-dimensional metal oxide-carbon hybrid nanostructures for electrochemical energy storage. <i>Nanoscale Horizons</i> , <b>2016</b> , 1, 27-40	10.8	102
101	Enhanced Thermoelectric Properties of Core/Shell Heterostructure Nanowire Composites. <i>Advanced Materials</i> , <b>2008</b> , 20, 3654-3656	24	101

100	Design principle of telluride-based nanowire heterostructures for potential thermoelectric applications. <i>Nano Letters</i> , <b>2012</b> , 12, 3627-33	11.5	99
99	Solvothermal Synthesis of VVI Binary and Ternary Hexagonal Platelets: The Oriented Attachment Mechanism. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 145-150	3.5	96
98	Manipulating dehydrogenation kinetics through dual-doping CoN electrode enables highly efficient hydrazine oxidation assisting self-powered H <sub>2</sub> production. <i>Nature Communications</i> , <b>2020</b> , 11, 1853	17.4	94
97	Nanostructures for thermoelectric applications: synthesis, growth mechanism, and property studies. <i>Advanced Materials</i> , <b>2010</b> , 22, 1959-62	24	92
96	Negatively Charged Nanosheets Significantly Enhance the Energy-Storage Capability of Polymer-Based Nanocomposites. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907227	24	87
95	Performance enhancement of hybrid solar cells through chemical vapor annealing. <i>Nano Letters</i> , <b>2010</b> , 10, 1628-31	11.5	80
94	TiO <sub>2</sub> hollow spheres composed of highly crystalline nanocrystals exhibit superior lithium storage properties. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 12590-3	16.4	77
93	Rational Design of Hierarchical Nanotubes through Encapsulating CoSe Nanoparticles into MoSe <sub>2</sub> /C Composite Shells with Enhanced Lithium and Sodium Storage Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 20635-20642	9.5	77
92	General Synthesis of Multi-Shelled Mixed Metal Oxide Hollow Spheres with Superior Lithium Storage Properties. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 9187-9190	3.6	72
91	Artificial Heterointerfaces Achieve Delicate Reaction Kinetics towards Hydrogen Evolution and Hydrazine Oxidation Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5984-5993	16.4	72
90	Bi <sub>2</sub> Te <sub>3</sub> /Te multiple heterostructure nanowire arrays formed by confined precipitation. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 6702-3	16.4	71
89	Large-area Sb <sub>2</sub> Te <sub>3</sub> nanowire arrays. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 1430-2	3.4	71
88	Semiconductor nanostructure-based photovoltaic solar cells. <i>Nanoscale</i> , <b>2011</b> , 3, 2430-43	7.7	69
87	Sb nanoparticles uniformly dispersed in 1-D N-doped porous carbon as anodes for Li-ion and Na-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 12144-12148	13	68
86	Facile One-Pot Synthesis of PbSe and NiSe <sub>2</sub> Hollow Spheres: Kirkendall-Effect-Induced Growth and Related Properties. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 969-974	9.6	66
85	Partially exposed RuP surface in hybrid structure endows its bifunctionality for hydrazine oxidation and hydrogen evolution catalysis. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	66
84	Enabling High-Voltage Lithium Metal Batteries by Manipulating Solvation Structure in Ester Electrolyte. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3505-3510	16.4	63
83	Controlled Synthesis of 3D and 1D Nickel Nanostructures Using an External Magnetic Field Assisted Solution-Phase Approach. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 12663-12668	3.8	58

82	Designed Formation of Hybrid Nanobox Composed of Carbon Sheathed CoSe Anchored on Nitrogen-Doped Carbon Skeleton as Ultrastable Anode for Sodium-Ion Batteries. <i>Small</i> , <b>2019</b> , 15, e1902881	11.1	57
81	Nanostructure-based thermoelectric conversion: an insight into the feasibility and sustainability for large-scale deployment. <i>Nanoscale</i> , <b>2011</b> , 3, 3555-62	7.7	57
80	Large scale highly crystalline Bi <sub>2</sub> Te <sub>3</sub> nanotubes through solution phase nanoscale Kirkendall effect fabrication. <i>Chemical Communications</i> , <b>2009</b> , 2317-9	5.8	55
79	Facile Synthesis of a Hierarchical PbTe Flower-like Nanostructure and Its Shape Evolution Process Guided by a Kinetically Controlled Regime. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 5207-5209	9.6	51
78	Hierarchical 3D macrosheets composed of interconnected in situ cobalt catalyzed nitrogen doped carbon nanotubes as superior bifunctional oxygen electrocatalysts for rechargeable Zn  air batteries. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 15523-15529	13	50
77	General Formation of Complex Tubular Nanostructures of Metal Oxides for the Oxygen Reduction Reaction and Lithium-Ion Batteries. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 8805-8809	3.6	48
76	Manipulating Growth of Thermoelectric Bi <sub>2</sub> Te <sub>3</sub> /Sb Multilayered Nanowire Arrays. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 15190-15194	3.8	48
75	Enabling Stable Lithium Metal Anode through Electrochemical Kinetics Manipulation. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1904629	15.6	45
74	Modulating charge transfer dynamics for g-C <sub>3</sub> N <sub>4</sub> through a dimension and interface engineered transition metal phosphide co-catalyst for efficient visible-light photocatalytic hydrogen generation. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 6939-6945	13	42
73	Structure and thermoelectric properties of spark plasma sintered ultrathin PbTe nanowires. <i>Nano Letters</i> , <b>2014</b> , 14, 3466-73	11.5	41
72	TiO <sub>2</sub> Hollow Spheres Composed of Highly Crystalline Nanocrystals Exhibit Superior Lithium Storage Properties. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 12798-12801	3.6	41
71	Supramolecular assisted one-pot synthesis of donut-shaped CoP@PNC hybrid nanostructures as multifunctional electrocatalysts for rechargeable Zn-air batteries and self-powered hydrogen production. <i>Energy Storage Materials</i> , <b>2020</b> , 28, 27-36	19.4	37
70	The dual-function sacrificing template directed formation of MoS <sub>2</sub> /C hybrid nanotubes enabling highly stable and ultrafast sodium storage. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 18828-18834	13	36
69	Stable Sodium Metal Batteries via Manipulation of Electrolyte Solvation Structure. <i>Small Methods</i> , <b>2020</b> , 4, 1900856	12.8	34
68	General anion-exchange reaction derived amorphous mixed-metal oxides hollow nanoprisms for highly efficient water oxidation electrocatalysis. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 266, 118642	21.8	34
67	High energy K-ion batteries based on P3-Type K <sub>0.5</sub> MnO <sub>2</sub> hollow submicrosphere cathode. <i>Journal of Power Sources</i> , <b>2019</b> , 437, 226913	8.9	34
66	Realizing synergistic effect of electronic modulation and nanostructure engineering over graphitic carbon nitride for highly efficient visible-light H <sub>2</sub> production coupled with benzyl alcohol oxidation. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 269, 118772	21.8	32
65	Dual-Manipulation on P2-Na <sub>0.67</sub> Ni <sub>0.33</sub> Mn <sub>0.67</sub> O <sub>2</sub> Layered Cathode toward Sodium-Ion Full Cell with Record Operating Voltage Beyond 3.5 V. <i>Energy Storage Materials</i> , <b>2021</b> , 35, 620-629	19.4	30

64	Ternary molybdenum sulfoselenide based hybrid nanotubes boost potassium-ion diffusion kinetics for high energy/power hybrid capacitors. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 13946-13954	13	29
63	Hollow CuS Nanoboxes as Li-Free Cathode for High-Rate and Long-Life Lithium Metal Batteries. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1903401	21.8	27
62	Electrolyte Solvation Manipulation Enables Unprecedented Room-Temperature Calcium-Metal Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12689-12693	16.4	27
61	Wet chemical synthesis and thermoelectric properties of V-VI one- and two-dimensional nanostructures. <i>Dalton Transactions</i> , <b>2010</b> , 39, 993-1004	4.3	26
60	Self-templated synthesis and thermal conductivity investigation for ultrathin perovskite oxide nanowires. <i>Nanoscale</i> , <b>2011</b> , 3, 4078-81	7.7	26
59	Microstructure and superconductivity of highly ordered YBa(2)Cu(3)O(7- $\delta$ ) nanowire arrays. <i>Nanotechnology</i> , <b>2006</b> , 17, 4252-6	3.4	26
58	The general construction of asymmetric bowl-like hollow nanostructures by grafting carbon-sheathed ultrasmall iron-based compounds onto carbon surfaces for use as superior anodes for sodium-ion hybrid capacitors. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 24199-24204	13	26
57	Dual-Functional Template-Directed Synthesis of MoSe/Carbon Hybrid Nanotubes with Highly Disordered Layer Structures as Efficient Alkali-Ion Storage Anodes beyond Lithium. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 2390-2399	9.5	24
56	Phosphorus-doping-induced kinetics modulation for nitrogen-doped carbon mesoporous nanotubes as superior alkali metal anode beyond lithium for high-energy potassium-ion hybrid capacitors. <i>Nanoscale</i> , <b>2021</b> , 13, 692-699	7.7	22
55	General One-Pot Synthesis of Transition-Metal Phosphide/Nitrogen-Doped Carbon Hybrid Nanosheets as Ultrastable Anodes for Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1253-1258	4.8	22
54	Realizing the Synergy of Interface Engineering and Chemical Substitution for Ni <sub>3</sub> N Enables its Bifunctionality Toward Hydrazine Oxidation Assisted Energy-Saving Hydrogen Production. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2103673	15.6	21
53	Realizing the synergy of Sn cluster incorporation and nitrogen doping for a carbonaceous hierarchical nanosheet-assembly enables superior universal alkali metal ion storage performance with multiple active sites. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 24774-24781	13	20
52	Facile self-templated synthesis of P2-type Na <sub>0.7</sub> CoO <sub>2</sub> microsheets as a long-term cathode for high-energy sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 13922-13927	13	19
51	Fabrication and Magnetic Properties of Multiferroic BiFeO <sub>3</sub> Nanotube Arrays. <i>Chemistry Letters</i> , <b>2007</b> , 36, 112-113	1.7	18
50	An Implantable Artificial Protective Layer Enables Stable Sodium Metal Anodes. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 8688-8694	6.1	17
49	Enabling High-Voltage Lithium Metal Batteries by Manipulating Solvation Structure in Ester Electrolyte. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3533-3538	3.6	16
48	Stable cycling of Na metal anodes in a carbonate electrolyte. <i>Chemical Communications</i> , <b>2019</b> , 55, 14375-14378	5.1	15
47	Dual-doped carbon hollow nanospheres achieve boosted pseudocapacitive energy storage for aqueous zinc ion hybrid capacitors. <i>Energy Storage Materials</i> , <b>2021</b> , 42, 705-714	19.4	14

46	Electrochemical Performance Optimization of Layered P2-Type Na <sub>0.67</sub> MnO <sub>2</sub> through Simultaneous Mn-Site Doping and Nanostructure Engineering. <i>Batteries and Supercaps</i> , <b>2020</b> , 3, 147-154 <sup>5.6</sup>	13
45	Dual-Functional Template-Induced Polymerization Process Enables the Hierarchical Carbonaceous Nanotubes with Simultaneous Sn Cluster Incorporation and Nitrogen-Doping for Superior Potassium-Ion Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 13139-13148	9.5 13
44	Amorphous Metal Oxide Nanosheets Featuring Reversible Structure Transformations as Sodium-Ion Battery Anodes. <i>Cell Reports Physical Science</i> , <b>2020</b> , 1, 100118	6.1 11
43	Vanadium Substitution Steering Reaction Kinetics Acceleration for NiN Nanosheets Endows Exceptionally Energy-Saving Hydrogen Evolution Coupled with Hydrazine Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 3881-3890	9.5 11
42	Deciphering pitting behavior of lithium metal anodes in lithium sulfur batteries. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 49, 257-261	12 9
41	General Solution Growth of Mesoporous NiCo <sub>2</sub> O <sub>4</sub> Nanosheets on Various Conductive Substrates as High-Performance Electrodes for Supercapacitors (Adv. Mater. 7/2013). <i>Advanced Materials</i> , <b>2013</b> , 25, 975-975	24 9
40	Unusual Site-Selective Doping in Layered Cathode Strengthens Electrostatic Cohesion of Alkali-Metal Layer for Practicable Sodium-ion Full Cell. <i>Advanced Materials</i> , <b>2021</b> , e2103210	24 9
39	Superhydrophilic Ni-based Multicomponent Nanorod-Confined-Nanoflake Array Electrode Achieves Waste-Battery-Driven Hydrogen Evolution and Hydrazine Oxidation. <i>Small</i> , <b>2021</b> , 17, e2008148	11 9
38	Hierarchical multi-component nanosheet array electrode with abundant NiCo/MoNi <sub>4</sub> heterostructure interfaces enables superior bifunctionality towards hydrazine oxidation assisted energy-saving hydrogen generation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 414, 128818	14.7 9
37	Artificial Heterointerfaces Achieve Delicate Reaction Kinetics towards Hydrogen Evolution and Hydrazine Oxidation Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 6049-6058	3.6 9
36	Single tungsten atom steered band-gap engineering for graphitic carbon nitride ultrathin nanosheets boosts visible-light photocatalytic H <sub>2</sub> evolution. <i>Chemical Engineering Journal</i> , <b>2021</b> , 424, 130004	14.7 9
35	Self-supporting N-rich Cu <sub>2</sub> Se/C nanowires for highly reversible, long-life potassium-ion storage. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 2453-2461	5.8 8
34	Natural Soft/Rigid Superlattices as Anodes for High-Performance Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17494-17498	16.4 8
33	Designed One-Pot Strategy for Dual-Carbon-Protected Na V (PO) <sub>4</sub> Hybrid Structure as High-Rate and Ultrastable Cathode for Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13094-13098 <sup>4.8</sup>	8
32	Giant Dielectric Response with an Electric Field in Charge-Ordered La <sub>1-x</sub> CaxMnO <sub>3</sub> Compounds. <i>Journal of the American Ceramic Society</i> , <b>2009</b> , 92, 1366-1369	3.8 8
31	Nest-like TiO <sub>2</sub> -nitrogen-doped-carbon hybrid nanostructures as superior host for potassium-ion hybrid capacitors. <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 127977	14.7 8
30	Welding of Semiconductor Nanowires by Coupling Laser-Induced Peening and Localized Heating. <i>Scientific Reports</i> , <b>2015</b> , 5, 16052	4.9 7
29	Superconducting and oxidation-resistant coaxial lead-polymer nanocables. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 5772-4	16.4 7



28	Dual-Activity Controlled Asymmetric Synthesis of Superconducting Lead Hemispheres**. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 2198-2202	15.6	6
27	Dual Nanoislands on Ni/C Hybrid Nanosheet Activate Superior Hydrazine Oxidation-Assisted High-Efficiency H <sub>2</sub> Production. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	6
26	Oxygen vacancy engineered unsaturated coordination in cobalt carbonate hydroxide nanowires enables highly selective photocatalytic CO <sub>2</sub> reduction. <i>Energy and Environmental Science</i> ,	35.4	6
25	Sodium-Ion Batteries: Designed Formation of Hybrid Nanobox Composed of Carbon Sheathed CoSe <sub>2</sub> Anchored on Nitrogen-Doped Carbon Skeleton as Ultrastable Anode for Sodium-Ion Batteries (Small 42/2019). <i>Small</i> , <b>2019</b> , 15, 1970227	11	5
24	Effects of rapid thermal processing and pulse-laser sintering on CdTe nanofilms for photovoltaic applications <b>2012</b> ,		5
23	nnConcurrent manipulation of anion and cation adsorption kinetics in pancake-like carbon achieves ultrastable potassium ion hybrid capacitors. <i>Energy Storage Materials</i> , <b>2022</b> , 46, 10-19	19.4	5
22	General surface grafting strategy-derived carbon-modified graphitic carbon nitride with largely enhanced visible light photocatalytic H <sub>2</sub> evolution coupled with benzyl alcohol oxidation. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 7143-7149	13	5
21	Hollow Microspheres: Formation of ZnMn <sub>2</sub> O <sub>4</sub> Ball-in-Ball Hollow Microspheres as a High-Performance Anode for Lithium-Ion Batteries (Adv. Mater. 34/2012). <i>Advanced Materials</i> , <b>2012</b> , 24, 4590-4590	24	4
20	Spontaneous Multiple Heterostructure Formation in CadmiumTellurium Nanowire Arrays and Its Optical Properties. <i>Chemistry Letters</i> , <b>2008</b> , 37, 848-849	1.7	4
19	Shape-Induced Kinetics Enhancement in Layered P <sub>2</sub> -Na <sub>0.67</sub> Ni <sub>0.33</sub> Mn <sub>0.67</sub> O <sub>2</sub> Porous Microcuboids Enables High Energy/Power Sodium-Ion Full Battery. <i>Batteries and Supercaps</i> , <b>2021</b> , 4, 456-463	5.6	4
18	Modulating Lithium Nucleation Behavior through Ultrathin Interfacial Layer for Superior Lithium Metal Batteries. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 6692-6699	6.1	3
17	High performance sodium-ion full battery based on one-dimensional nanostructures: the case of Na <sub>0.44</sub> MnO <sub>2</sub> cathode and MoS <sub>2</sub> anode. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 014001	3	3
16	Sacrificial Nanowire Catalyzed Polymerization Process Generates Hierarchical MoSe <sub>2</sub> Grafted Carbonaceous Nanotubes for Superior Potassium Ion Storage. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 6757-6767	6.1	3
15	Structural evolution induced by Au atom diffusion in AgS. <i>Chemical Communications</i> , <b>2019</b> , 55, 13176-13178	15.78	3
14	Beyond traditional water splitting for energy-efficient waste-to-hydrogen conversion with an inorganicCarbon hybrid nanosheet electrocatalyst. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 5364-5373	13	3
13	Constructing layer/tunnel biphasic Na <sub>0.6</sub> Fe <sub>0.04</sub> Mn <sub>0.96</sub> O <sub>2</sub> enables simultaneous kinetics enhancement and phase transition suppression for high power/energy density sodium-ion full cell. <i>Energy Storage Materials</i> , <b>2021</b> , 40, 320-328	19.4	3
12	Phase-Selective Synthesis of Ruthenium Phosphide in Hybrid Structure Enables Efficient Hybrid Water Electrolysis Under pH-Universal Conditions.. <i>Small</i> , <b>2022</b> , e2200242	11	3
11	Electrolyte Solvation Manipulation Enables Unprecedented Room-Temperature Calcium-Metal Batteries. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12789-12793	3.6	2

10	Sulfur incorporation modulated absorption kinetics and electron transfer behavior for nitrogen rich porous carbon nanotubes endow superior aqueous zinc ion storage capability. <i>Journal of Materials Chemistry A</i> ,	13	2
9	Rational Design of Unique MoSe-Carbon Nanobowl Particles Endows Superior Alkali Metal-Ion Storage Beyond Lithium.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 61116-61128	9.5	2
8	Rektitlebild: General Formation of Complex Tubular Nanostructures of Metal Oxides for the Oxygen Reduction Reaction and Lithium-Ion Batteries (Angew. Chem. 33/2013). <i>Angewandte Chemie</i> , <b>2013</b> , 125, 8916-8916	3.6	1
7	A trifecta of g-CN: enhanced visible-spectrum absorption, increased structural distortion and boosted electronic-transfer dynamics. <i>Chemical Communications</i> , <b>2021</b> , 57, 927-930	5.8	1
6	Natural Soft/Rigid Superlattices as Anodes for High-Performance Lithium-Ion Batteries. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17647-17651	3.6	0
5	Hierarchical Bismuth-Carbon Microfoam Hybrid Structure Achieves Superior Sodium-Ion Storage. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 8285-8293	6.1	0
4	Mesoporous single-crystal lithium titanate enabling fast-charging Li-ion batteries.. <i>Advanced Materials</i> , <b>2022</b> , e2109356	24	0
3	Superconducting and Oxidation-Resistant Coaxial Lead-Polymer Nanocables. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 5874-5876	3.6	
2	Hierarchical Carbon Nanosheet Assembly with SiO <sub>x</sub> Incorporation and Nitrogen Doping Achieves Enhanced Lithium Ion Storage Performance. <i>Advanced Energy and Sustainability Research</i> , <b>2021</b> , 2, 2100028	16	
1	Shape-Induced Kinetics Enhancement in Layered P2-Na <sub>0.67</sub> Ni <sub>0.33</sub> Mn <sub>0.67</sub> O <sub>2</sub> Porous Microcuboids Enables High Energy/Power Sodium-Ion Full Battery. <i>Batteries and Supercaps</i> , <b>2021</b> , 4, 388-388	5.6	