

Xianluo Hu

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

24,277
citations

8159

76
h-index

7333

152
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211
docs citations

211
times ranked

23948
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal-triggered fire-extinguishing separators by phase change materials for high-safety lithium-ion batteries. <i>Energy Storage Materials</i> , 2022, 47, 445-452.	9.5	41
2	Ionogel-Based Membranes for Safe Lithium/Sodium Batteries. <i>Advanced Materials</i> , 2022, 34, e2200945.	11.1	41
3	Bi-functional Janus all-nanomat separators for acid scavenging and manganese ions trapping in LiMn ₂ O ₄ lithium-ion batteries. <i>Materials Today Physics</i> , 2022, 24, 100676.	2.9	2
4	Monolithic Task-Specific Ionogel Electrolyte Membrane Enables High-Performance Solid-State Lithium-Metal Batteries in Wide Temperature Range. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	38
5	Rapid microwave synthesis of carbon-bridged Nb ₂ O ₅ mesocrystals for high-energy and high-power sodium-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11470-11476.	5.2	10
6	Electrospun poly(ionic liquid) nanofiber separators with high lithium-ion transference number for safe ionic-liquid-based lithium batteries in wide temperature range. <i>Materials Today Physics</i> , 2022, 25, 100716.	2.9	2
7	Interface Engineering to Boost Thermal Safety of Microsized Silicon Anodes in Lithium-Ion Batteries. <i>Small Methods</i> , 2022, 6, .	4.6	24
8	Insight into effects of niobium on electrospun Li ₂ TiSiO ₅ fibers as anode materials in lithium-ion batteries. <i>Materials Research Bulletin</i> , 2021, 136, 111145.	2.7	5
9	Zinc Metal Energy Storage Devices under Extreme Conditions of Low Temperatures. <i>Batteries and Supercaps</i> , 2021, 4, 389-406.	2.4	23
10	Safer Lithium-Ion Batteries from the Separator Aspect: Development and Future Perspectives. <i>Energy and Environmental Materials</i> , 2021, 4, 336-362.	7.3	104
11	Collaborative compromise of two-dimensional materials in sodium ion capacitors: mechanisms and designing strategies. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8129-8159.	5.2	13
12	Fabricating low-temperature-tolerant and durable Zn-ion capacitors via modulation of co-solvent molecular interaction and cation solvation. <i>Science China Materials</i> , 2021, 64, 1609-1620.	3.5	37
13	Architectural Engineering Achieves High-Performance Alloying Anodes for Lithium and Sodium Ion Batteries. <i>Small</i> , 2021, 17, e2005248.	5.2	42
14	Thermoregulating Separators Based on Phase-Change Materials for Safe Lithium-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2008088.	11.1	106
15	Precisely Tunable T-Nb ₂ O ₅ Nanotubes via Atomic Layer Deposition for Fast-Charging Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16445-16453.	4.0	27
16	Synergy of Highly Reversible 3-Li ₃ V ₂ O ₅ Anodes and Fluorine-Containing Additive Electrolytes Promises Low-Temperature-Tolerant Li-Ion Batteries. , 2021, 3, 1394-1401.		12
17	Solar-assisted lithium metal recovery from spent lithium iron phosphate batteries. <i>Chemical Engineering Journal Advances</i> , 2021, 8, 100163.	2.4	6
18	Photothermal supercapacitors at 40°C based on bifunctional TiN electrodes. <i>Chemical Engineering Journal</i> , 2021, 423, 130162.	6.6	9

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19	Boosting lithium batteries under harsh operating conditions by a resilient ionogel with liquid-like ionic conductivity. <i>Journal of Energy Chemistry</i> , 2021, 62, 408-414.	7.1	10
20	Fabricating a Flow-Through Hybrid Capacitive Deionization Cell for Selective Recovery of Lithium Ions. <i>ACS Applied Energy Materials</i> , 2021, 4, 13036-13043.	2.5	12
21	Functional Inks for Printable Energy Storage Applications based on 2D Materials. <i>ChemSusChem</i> , 2020, 13, 1330-1353.	3.6	25
22	Electrochemically Controlled Reversible Lithium Capture and Release Enabled by LiMn_2O_4 Nanorods. <i>ChemElectroChem</i> , 2020, 7, 105-111.	1.7	21
23	Top-Down Synthesis of Silicon/Carbon Composite Anode Materials for Lithium-Ion Batteries: Mechanical Milling and Etching. <i>ChemSusChem</i> , 2020, 13, 1923-1946.	3.6	52
24	Stabilizing Li-rich layered cathode materials by nanolayer-confined crystal growth for Li-ion batteries. <i>Electrochimica Acta</i> , 2020, 333, 135466.	2.6	19
25	Thermotolerant separators for safe lithium-ion batteries under extreme conditions. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20294-20317.	5.2	71
26	Holey Graphene for Electrochemical Energy Storage. <i>Cell Reports Physical Science</i> , 2020, 1, 100215.	2.8	58
27	Transparent Electrodes for Energy Storage Devices. <i>Batteries and Supercaps</i> , 2020, 3, 1275-1286.	2.4	14
28	Highly efficient H-bonding charge-transfer complex for microsupercapacitors under extreme conditions of low temperatures. <i>Journal of Energy Chemistry</i> , 2020, 51, 182-189.	7.1	9
29	A "Trojan Horse" Camouflage Strategy for High-Performance Cellulose Paper and Separators. <i>Advanced Functional Materials</i> , 2020, 30, 2002169.	7.8	42
30	Lithium-ion insertion kinetics of Na-doped $\text{Li}_2\text{TiSiO}_5$ as anode materials for lithium-ion batteries. <i>Journal of Materials Science and Technology</i> , 2020, 57, 18-25.	5.6	11
31	Lattice softening enables highly reversible sodium storage in anti-pulverization Bi-Sb alloy/carbon nanofibers. <i>Energy Storage Materials</i> , 2020, 27, 270-278.	9.5	64
32	Coupling of bowl-like VS_2 nanosheet arrays and carbon nanofiber enables ultrafast Na^+ -Storage and robust flexibility for sodium-ion hybrid capacitors. <i>Energy Storage Materials</i> , 2020, 28, 91-100.	9.5	82
33	Fabricating strongly coupled V_2O_5 @PEDOT nanobelts/graphene hybrid films with high areal capacitance and facile transferability for transparent solid-state supercapacitors. <i>Energy Storage Materials</i> , 2020, 27, 150-158.	9.5	52
34	In-situ grown Li-Ti-O layer derived by atomic layer deposition to improve the Li storage performance of $\text{Li}_2\text{TiSiO}_5$ anode materials. <i>Electrochimica Acta</i> , 2020, 344, 136149.	2.6	9
35	Scalable Synthesis of Fe/N-Doped Porous Carbon Nanotube Frameworks for Aqueous Zn-Air Batteries. <i>Chemistry - A European Journal</i> , 2019, 25, 635-641.	1.7	11
36	Yolk-shell Si/SiO_2 @Void@C composites as anode materials for lithium-ion batteries. <i>Functional Materials Letters</i> , 2019, 12, 1850094.	0.7	22

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37	Thermally Durable Lithium-Ion Capacitors with High Energy Density from All Hydroxyapatite Nanowire-Enabled Fire-Resistant Electrodes and Separators. <i>Advanced Energy Materials</i> , 2019, 9, 1902497.	10.2	34
38	A high-energy sodium-ion capacitor enabled by a nitrogen/sulfur co-doped hollow carbon nanofiber anode and an activated carbon cathode. <i>Nanoscale Advances</i> , 2019, 1, 746-756.	2.2	24
39	Ultrahigh-Capacity and Fire-Resistant LiFePO ₄ -Based Composite Cathodes for Advanced Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1802930.	10.2	114
40	Mesopore-Induced Ultrafast Na ⁺ Storage in Ta ₂ O ₅ /Carbon Nanofiber Films toward Flexible High-Power Na-Ion Capacitors. <i>Small</i> , 2019, 15, e1804539.	5.2	109
41	Facile synthesis of Si@void@C nanocomposites from low-cost micro-sized Si as anode materials for lithium-ion batteries. <i>Applied Surface Science</i> , 2019, 479, 287-295.	3.1	42
42	Ultrafast Na ⁺ -storage in TiO ₂ -coated MoS ₂ @N-doped carbon for high-energy sodium-ion hybrid capacitors. <i>Energy Storage Materials</i> , 2019, 23, 95-104.	9.5	59
43	Highly Tough, Li-Metal Compatible Organic-Inorganic Double-Network Solvate Ionogel. <i>Advanced Energy Materials</i> , 2019, 9, 1900257.	10.2	82
44	Unitized Configuration Design of Thermally Stable Composite Polymer Electrolyte for Lithium Batteries Capable of Working Over a Wide Range of Temperatures. <i>Advanced Engineering Materials</i> , 2019, 21, 1900055.	1.6	33
45	Morphosynthesis of 3D Macroporous Garnet Frameworks and Perfusion of Polymer-Stabilized Lithium Salts for Flexible Solid-State Hybrid Electrolytes. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900200.	1.9	43
46	Mo-catalysis-assisted expeditious synthesis of N-doped erythrocyte-like hollow porous carbons for sodium storage. <i>Carbon</i> , 2019, 143, 240-246.	5.4	9
47	Conformal Conducting Polymer Shells on V ₂ O ₅ Nanosheet Arrays as a High-Rate and Stable Zinc-Ion Battery Cathode. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801506.	1.9	170
48	Porous carbon-coated ball-milled silicon as high-performance anodes for lithium-ion batteries. <i>Journal of Materials Science</i> , 2019, 54, 4798-4810.	1.7	28
49	Conformal spinel/layered heterostructures of Co ₃ O ₄ shells grown on single-crystal Li-rich nanoplates for high-performance lithium-ion batteries. <i>Applied Surface Science</i> , 2018, 447, 829-836.	3.1	19
50	Paragenesis of Mo ₂ C nanocrystals in mesoporous carbon nanofibers for electrocatalytic hydrogen evolution. <i>Electrochimica Acta</i> , 2018, 274, 23-30.	2.6	29
51	Recent Advances in Porous Carbon Materials for Electrochemical Energy Storage. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1518-1529.	1.7	108
52	Nanoengineering S-Doped TiO ₂ Embedded Carbon Nanosheets for Pseudocapacitance-Enhanced Li-Ion Capacitors. <i>ACS Applied Energy Materials</i> , 2018, 1, 1708-1715.	2.5	34
53	Emergent Pseudocapacitance of 2D Nanomaterials. <i>Advanced Energy Materials</i> , 2018, 8, 1702930.	10.2	226
54	Tandem MoP nanocrystals with rich grain boundaries for efficient electrocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2018, 54, 2502-2505.	2.2	30

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55	Flexible Quasi-Solid-State Sodium-Ion Capacitors Developed Using 2D Metal-Organic Framework Array as Reactor. <i>Advanced Energy Materials</i> , 2018, 8, 1702769.	10.2	195
56	Pseudocapacitance: Emergent Pseudocapacitance of 2D Nanomaterials (<i>Adv. Energy Mater.</i> 13/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1870058.	10.2	10
57	Nanoscale surface modification of Li-rich layered oxides for high-capacity cathodes in Li-ion batteries. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	12
58	<i>In situ</i> growth of copper rhodizonate complexes on reduced graphene oxide for high-performance organic lithium-ion batteries. <i>Chemical Communications</i> , 2018, 54, 11415-11418.	2.2	14
59	Self-Assembling Hollow Carbon Nanobeads into Double-Shell Microspheres as a Hierarchical Sulfur Host for Sustainable Room-Temperature Sodium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20422-20428.	4.0	65
60	SiO ₂ -Enhanced Structural Stability and Strong Adhesion with a New Binder of Konjac Glucomannan Enables Stable Cycling of Silicon Anodes for Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1800434.	10.2	135
61	Mo ₂ C-induced solid-phase synthesis of ultrathin MoS ₂ nanosheet arrays on bagasse-derived porous carbon frameworks for high-energy hybrid sodium-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14742-14751.	5.2	69
62	A low-cost non-conjugated dicarboxylate coupled with reduced graphene oxide for stable sodium-organic batteries. <i>Journal of Power Sources</i> , 2018, 398, 99-105.	4.0	20
63	Fabrication of Core-Sheath NiCoP@FeP Nanoarrays for Efficient Electrocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8847-8855.	3.2	23
64	Microwave-Assisted Rapid Synthesis of Self-Assembled TaNb ₂ O ₅ Nanowires for High-Energy Hybrid Supercapacitors. <i>Chemistry - A European Journal</i> , 2017, 23, 4203-4209.	1.7	53
65	Enhanced electrochemical performance of LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ by nanoscale surface modification with Co ₃ O ₄ . <i>Electrochimica Acta</i> , 2017, 231, 294-299.	2.6	74
66	A facile way to fabricate double-shell pomegranate-like porous carbon microspheres for high-performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12073-12079.	5.2	30
67	Phase control of TiO ₂ nanobelts by microwave irradiation as anode materials with tunable Li-diffusion kinetics. <i>Materials Research Bulletin</i> , 2017, 96, 365-371.	2.7	14
68	Constructing Hierarchical Tectorum-Like Fe ₂ O ₃ /PPy Nanoarrays on Carbon Cloth for Solid-State Asymmetric Supercapacitors. <i>Angewandte Chemie</i> , 2017, 129, 1125-1130.	1.6	81
69	Constructing Hierarchical Tectorum-Like Fe ₂ O ₃ /PPy Nanoarrays on Carbon Cloth for Solid-State Asymmetric Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1105-1110.	7.2	317
70	Urchin-Like Ni _{1/3} Co _{2/3} (CO ₃) _{1/2} (OH)·0.11H ₂ O for Ultrahigh-Rate Electrochemical Supercapacitors: Structural Evolution from Solid to Hollow. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40655-40670.	4.0	84
71	Flexible, High-Wettability and Fire-Resistant Separators Based on Hydroxyapatite Nanowires for Advanced Lithium-Ion Batteries. <i>Advanced Materials</i> , 2017, 29, 1703548.	11.1	272
72	Constructing Three-Dimensional Honeycombed Graphene/Silicon Skeletons for High-Performance Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31879-31886.	4.0	50

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73	Mass Production and Pore Size Control of Holey Carbon Microcages. <i>Angewandte Chemie</i> , 2017, 129, 13978-13982.	1.6	8
74	Mass Production and Pore Size Control of Holey Carbon Microcages. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13790-13794.	7.2	39
75	Rational Design of Three-dimensional Hierarchical Nanomaterials for Asymmetric Supercapacitors. <i>ChemElectroChem</i> , 2017, 4, 2428-2441.	1.7	31
76	In Operando Mechanism Analysis on Nanocrystalline Silicon Anode Material for Reversible and Ultrafast Sodium Storage. <i>Advanced Materials</i> , 2017, 29, 1604708.	11.1	95
77	Si-containing precursors for Si-based anode materials of Li-ion batteries: A review. <i>Energy Storage Materials</i> , 2016, 4, 92-102.	9.5	79
78	Lithium-ion Batteries: A Green and Facile Way to Prepare Granadilla-like Silicon-based Anode Materials for Li-ion Batteries (Adv. Funct. Mater. 3/2016). <i>Advanced Functional Materials</i> , 2016, 26, 468-468.	7.8	2
79	Binding TiO ₂ -B nanosheets with N-doped carbon enables highly durable anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8172-8179.	5.2	47
80	Rational synthesis of carbon-coated hollow Ge nanocrystals with enhanced lithium-storage properties. <i>Nanoscale</i> , 2016, 8, 12215-12220.	2.8	22
81	Symmetric Electrodes for Electrochemical Energy Storage Devices. <i>Advanced Science</i> , 2016, 3, 1600115.	5.6	64
82	A sulfurization-based oligomeric sodium salt as a high-performance organic anode for sodium ion batteries. <i>Chemical Communications</i> , 2016, 52, 11207-11210.	2.2	29
83	Direct planting of ultrafine MoO ₂ nanoparticles in carbon nanofibers by electrospinning: self-supported mats as binder-free and long-life anodes for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19832-19837.	1.3	20
84	A Green and Facile Way to Prepare Granadilla-like Silicon-based Anode Materials for Li-ion Batteries. <i>Advanced Functional Materials</i> , 2016, 26, 440-446.	7.8	187
85	A Si/C nanocomposite anode by ball milling for highly reversible sodium storage. <i>Electrochemistry Communications</i> , 2016, 70, 8-12.	2.3	66
86	Nanostructured Ti-based anode materials for Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12001-12013.	5.2	129
87	One-step synthesis of a silicon/hematite@carbon hybrid nanosheet/silicon sandwich-like composite as an anode material for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4056-4061.	5.2	45
88	Assembly of NiO/Ni(OH) ₂ /PEDOT Nanocomposites on Contra Wires for Fiber-Shaped Flexible Asymmetric Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1774-1779.	4.0	157
89	VO ₂ /TiO ₂ Nanosponges as Binder-Free Electrodes for High-Performance Supercapacitors. <i>Scientific Reports</i> , 2015, 5, 16012.	1.6	63
90	Flexible and Binder-free Electrodes of Sb/rGO and Na ₃ V ₂ (PO ₄) ₃ /rGO Nanocomposites for Sodium-ion Batteries. <i>Small</i> , 2015, 11, 3822-3829.	5.2	184

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91	A Bamboo-Inspired Nanostructure Design for Flexible, Foldable, and Twistable Energy Storage Devices. Nano Letters, 2015, 15, 3899-3906.	4.5	296
92	Bismuth oxyiodide nanosheets: a novel high-energy anode material for lithium-ion batteries. Chemical Communications, 2015, 51, 2798-2801.	2.2	50
93	Facile fabrication of porous Cr-doped SrTiO ₃ nanotubes by electrospinning and their enhanced visible-light-driven photocatalytic properties. Journal of Materials Chemistry A, 2015, 3, 3935-3943.	5.2	62
94	Nanostructured Mo-based electrode materials for electrochemical energy storage. Chemical Society Reviews, 2015, 44, 2376-2404.	18.7	599
95	Metal-Organic Framework Derived ZnO/ZnFe ₂ O ₄ /C Nanocages as Stable Cathode Material for Reversible Lithium-Oxygen Batteries. ACS Applied Materials & Interfaces, 2015, 7, 4947-4954.	4.0	103
96	Sodium storage in Na-rich Na _x FeFe(CN) ₆ nanocubes. Nano Energy, 2015, 12, 386-393.	8.2	253
97	Flexible fiber-shaped supercapacitors based on hierarchically nanostructured composite electrodes. Nano Research, 2015, 8, 1148-1158.	5.8	188
98	Self-wrapped Sb/C nanocomposite as anode material for High-performance sodium-ion batteries. Nano Energy, 2015, 16, 479-487.	8.2	141
99	Na ⁺ intercalation pseudocapacitance in graphene-coupled titanium oxide enabling ultra-fast sodium storage and long-term cycling. Nature Communications, 2015, 6, 6929.	5.8	969
100	Flexible Membranes of MoS ₂ /C Nanofibers by Electrospinning as Binder-Free Anodes for High-Performance Sodium-Ion Batteries. Scientific Reports, 2015, 5, 9254.	1.6	255
101	Architectural design and phase engineering of N/B-codoped TiO ₂ (B)/anatase nanotube assemblies for high-rate and long-life lithium storage. Journal of Materials Chemistry A, 2015, 3, 22591-22598.	5.2	49
102	Self-assembled 3D hierarchical sheaf-like Nb ₃ O ₇ (OH) nanostructures with enhanced photocatalytic activity. Nanoscale, 2015, 7, 1963-1969.	2.8	22
103	Flexible Asymmetric Micro-Supercapacitors Based on Bi ₂ O ₃ and MnO ₂ Nanoflowers: Larger Areal Mass Promises Higher Energy Density. Advanced Energy Materials, 2015, 5, 1401882.	10.2	479
104	Microwave-assisted synthesis of self-assembled Bi _{0.84} H _{0.08} hierarchical nanostructures as a new photocatalyst. Applied Surface Science, 2014, 319, 244-249.	3.1	13
105	Ti ₂ B Nanosheets/Anatase Nanocrystals Co-Anchored on Nanoporous Graphene: In Situ Reduction-Hydrolysis Synthesis and Their Superior Rate Performance as an Anode Material. Chemistry - A European Journal, 2014, 20, 1383-1388.	1.7	53
106	Electrospun Conformal Li ₄ Ti ₅ O ₁₂ /C Fibers for High-Rate Lithium-Ion Batteries. ChemElectroChem, 2014, 1, 611-616.	1.7	43
107	Facile fabrication of CuO nanosheets on Cu substrate as anode materials for electrochemical energy storage. Journal of Alloys and Compounds, 2014, 586, 208-215.	2.8	74
108	Facile synthesis of porous InNbO ₄ nanofibers by electrospinning and their enhanced visible-light-driven photocatalytic properties. Journal of Alloys and Compounds, 2014, 592, 301-305.	2.8	18

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109	High-performance aqueous sodium-ion batteries with $K_{0.27}MnO_2$ cathode and their sodium storage mechanism. <i>Nano Energy</i> , 2014, 5, 97-104.	8.2	138
110	Synthesis of hierarchical MoS_2 and its electrochemical performance as an anode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3498-3504.	5.2	117
111	Facile synthesis of sandwiched Zn_2GeO_4 "graphene oxide nanocomposite as a stable and high-capacity anode for lithium-ion batteries. <i>Nanoscale</i> , 2014, 6, 924-930.	2.8	90
112	Biomaterial-assisted synthesis of $AgCl@Ag$ concave cubes with efficient visible-light-driven photocatalytic activity. <i>CrystEngComm</i> , 2014, 16, 649-653.	1.3	27
113	MOF-derived Porous $ZnO/ZnFe_2O_4/C$ Octahedra with Hollow Interiors for High-Rate Lithium-Ion Batteries. <i>Advanced Materials</i> , 2014, 26, 6622-6628.	11.1	703
114	Fast microwave-assisted synthesis of Nb-doped $Li_4Ti_5O_{12}$ for high-rate lithium-ion batteries. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	23
115	Highly porous $Li_4Ti_5O_{12}/C$ nanofibers for ultrafast electrochemical energy storage. <i>Nano Energy</i> , 2014, 10, 163-171.	8.2	165
116	Controllable growth of TiO_2 -B nanosheet arrays on carbon nanotubes as a high-rate anode material for lithium-ion batteries. <i>Carbon</i> , 2014, 69, 302-310.	5.4	79
117	Encapsulation of MnO Nanocrystals in Electrospun Carbon Nanofibers as High-Performance Anode Materials for Lithium-Ion Batteries. <i>Scientific Reports</i> , 2014, 4, 4229.	1.6	131
118	Microwave-induced In-situ Synthesis of Zn_2GeO_4/N -Doped Graphene Nanocomposites and Their Lithium-Storage Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 6027-6033.	1.7	83
119	Reconstruction of Conformal Nanoscale MnO on Graphene as a High-Capacity and Long-Life Anode Material for Lithium Ion Batteries. <i>Advanced Functional Materials</i> , 2013, 23, 2436-2444.	7.8	770
120	$Bi_4Ti_3O_{12}$ nanofibers "BiOI nanosheets p-n junction: facile synthesis and enhanced visible-light photocatalytic activity. <i>Nanoscale</i> , 2013, 5, 9764.	2.8	174
121	Conformal N-doped carbon on nanoporous TiO_2 spheres as a high-performance anode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10375.	5.2	113
122	Controlled Synthesis of Mesoporous MnO/C Networks by Microwave Irradiation and Their Enhanced Lithium-Storage Properties. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1997-2003.	4.0	162
123	Electrospun porous $LiNb_3O_8$ nanofibers with enhanced lithium-storage properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15053.	5.2	39
124	Evaluation of $Ca_3Co_2O_6$ as cathode material for high-performance solid-oxide fuel cell. <i>Scientific Reports</i> , 2013, 3, 1125.	1.6	22
125	Synthesis of porous $Bi_4Ti_3O_{12}$ nanofibers by electrospinning and their enhanced visible-light-driven photocatalytic properties. <i>Nanoscale</i> , 2013, 5, 2028.	2.8	143
126	Surface modification of MoO_x on porous TiO_2 nanospheres as an anode material with highly reversible and ultra-fast lithium storage properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15128.	5.2	28

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127	Bifunctional sensor of pentachlorophenol and copper ions based on nanostructured hybrid films of humic acid and exfoliated layered double hydroxide via a facile layer-by-layer assembly. <i>Analytica Chimica Acta</i> , 2013, 785, 34-42.	2.6	30
128	Self-assembly of hybrid Fe ₂ Mo ₃ O ₈ reduced graphene oxide nanosheets with enhanced lithium storage properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4468.	5.2	40
129	A SnO ₂ @carbon nanocluster anode material with superior cyclability and rate capability for lithium-ion batteries. <i>Nanoscale</i> , 2013, 5, 3298.	2.8	125
130	Superior lithium storage performance in nanoscaled MnO promoted by N-doped carbon webs. <i>Nano Energy</i> , 2013, 2, 412-418.	8.2	145
131	Synthesis of functionalized 3D hierarchical porous carbon for high-performance supercapacitors. <i>Energy and Environmental Science</i> , 2013, 6, 2497.	15.6	1,053
132	Hollow 0.3Li ₂ MnO ₃ ·0.7LiNi _{0.5} Mn _{0.5} O ₂ microspheres as a high-performance cathode material for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2954.	1.3	70
133	Synthesis of Amorphous FeOOH/Reduced Graphene Oxide Composite by Infrared Irradiation and Its Superior Lithium Storage Performance. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10145-10150.	4.0	52
134	Functionalized N-doped interconnected carbon nanofibers as an anode material for sodium-ion storage with excellent performance. <i>Carbon</i> , 2013, 55, 328-334.	5.4	589
135	Electrospun sillenite Bi ₁₂ MO ₂₀ (M = Ti, Ge, Si) nanofibers: general synthesis, band structure, and photocatalytic activity. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20698.	1.3	106
136	Ionic-Liquid-Assisted Synthesis of Self-Assembled TiO ₂ -B Nanosheets under Microwave Irradiation and Their Enhanced Lithium Storage Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5320-5328.	1.0	28
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