

Hai-Yan Wang

List of Publications by Year in descending order

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papers

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25034

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#	ARTICLE	IF	CITATIONS
1	Interfacial Design of Dendrite-Free Zinc Anodes for Aqueous Zinc-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13180-13191.	13.8	727
2	The Three-Dimensional Dendrite-Free Zinc Anode on a Copper Mesh with a Zinc-Oriented Polyacrylamide Electrolyte Additive. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15841-15847.	13.8	648
3	Advancements and Challenges in Potassium Ion Batteries: A Comprehensive Review. <i>Advanced Functional Materials</i> , 2020, 30, 1909486.	14.9	570
4	Revealing the role of crystal orientation of protective layers for stable zinc anode. <i>Nature Communications</i> , 2020, 11, 3961.	12.8	378
5	MoS ₂ /Graphene Nanosheets from Commercial Bulky MoS ₂ and Graphite as Anode Materials for High Rate Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1702383.	19.5	350
6	Tuning nitrogen species in three-dimensional porous carbon via phosphorus doping for ultra-fast potassium storage. <i>Nano Energy</i> , 2019, 57, 728-736.	16.0	323
7	Understanding and improving the initial Coulombic efficiency of high-capacity anode materials for practical sodium ion batteries. <i>Energy Storage Materials</i> , 2019, 23, 233-251.	18.0	279
8	Issues and solutions toward zinc anode in aqueous zinc-ion batteries: A mini review. , 2020, 2, 540-560.		225
9	Anion Vacancies Regulating Endows MoSSe with Fast and Stable Potassium Ion Storage. <i>ACS Nano</i> , 2019, 13, 11843-11852.	14.6	210
10	Structure-dependent performance of TiO ₂ /C as anode material for Na-ion batteries. <i>Nano Energy</i> , 2018, 44, 217-227.	16.0	209
11	A novel solvothermal synthesis of Mn ₃ O ₄ /graphene composites for supercapacitors. <i>Electrochimica Acta</i> , 2013, 90, 210-218.	5.2	193
12	Plasma-Induced Amorphous Shell and Deep Cation-Site S Doping Endow TiO ₂ with Extraordinary Sodium Storage Performance. <i>Advanced Materials</i> , 2018, 30, e1801013.	21.0	180
13	Co ₃ O ₄ @CeO ₂ /C as a Highly Active Electrocatalyst for Oxygen Reduction Reaction in Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34422-34430.	8.0	159
14	1T MoS ₂ nanosheets with extraordinary sodium storage properties via thermal-driven ion intercalation assisted exfoliation of bulky MoS ₂ . <i>Nano Energy</i> , 2019, 61, 361-369.	16.0	157
15	In-situ formation of hybrid Li ₃ PO ₄ -AlPO ₄ -Al(PO ₃) ₃ coating layer on LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathode with enhanced electrochemical properties for lithium-ion battery. <i>Chemical Engineering Journal</i> , 2020, 382, 122959.	12.7	149
16	Recent advances and perspectives on vanadium- and manganese-based cathode materials for aqueous zinc ion batteries. <i>Journal of Energy Chemistry</i> , 2021, 59, 134-159.	12.9	142
17	A progressive nucleation mechanism enables stable zinc stripping-plating behavior. <i>Energy and Environmental Science</i> , 2021, 14, 5563-5571.	30.8	141
18	Tuning the Morphologies of MnO/C Hybrids by Space Constraint Assembly of Mn-MOFs for High Performance Li Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5254-5262.	8.0	129

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19	Iron-Doped Cauliflower-Like Rutile TiO ₂ with Superior Sodium Storage Properties. ACS Applied Materials & Interfaces, 2017, 9, 6093-6103.	8.0	125
20	Preparation and characterization of Na-doped LiFePO ₄ /C composites as cathode materials for lithium-ion batteries. Journal of Power Sources, 2010, 195, 4308-4312.	7.8	124
21	Boosting oxygen reduction activity of Fe-N-C by partial copper substitution to iron in Al-air batteries. Applied Catalysis B: Environmental, 2019, 242, 209-217.	20.2	121
22	Engineering the trap effect of residual oxygen atoms and defects in hard carbon anode towards high initial Coulombic efficiency. Nano Energy, 2019, 64, 103937.	16.0	118
23	Advanced Filter Membrane Separator for Aqueous Zinc-Ion Batteries. Small, 2020, 16, e2003106.	10.0	118
24	The Three-Dimensional Dendrite-Free Zinc Anode on a Copper Mesh with a Zinc-Oriented Polyacrylamide Electrolyte Additive. Angewandte Chemie, 2019, 131, 15988-15994.	2.0	116
25	New Binder-Free Metal Phosphide-Carbon Felt Composite Anodes for Sodium-Ion Battery. Advanced Energy Materials, 2018, 8, 1801197.	19.5	113
26	NiCo ₂ O ₄ /N-doped graphene as an advanced electrocatalyst for oxygen reduction reaction. Journal of Power Sources, 2015, 280, 640-648.	7.8	112
27	(NH ₄) _{0.5} V ₂ O ₅ nanobelt with good cycling stability as cathode material for Li-ion battery. Journal of Power Sources, 2011, 196, 5645-5650.	7.8	109
28	Annealed NaV ₃ O ₈ nanowires with good cycling stability as a novel cathode for Na-ion batteries. Journal of Materials Chemistry A, 2014, 2, 3563.	10.3	107
29	Plasma-Strengthened Lithiophilicity of Copper Oxide Nanosheet-Decorated Cu Foil for Stable Lithium Metal Anode. Advanced Science, 2019, 6, 1901433.	11.2	106
30	Simultaneously Regulating the Ion Distribution and Electric Field to Achieve Dendrite-Free Zn Anode. Small, 2020, 16, e2000929.	10.0	106
31	Cu-MOF-Derived Cu/Cu ₂ O Nanoparticles and Cu _N C _y Species to Boost Oxygen Reduction Activity of Ketjenblack Carbon in Al-Air Battery. ACS Sustainable Chemistry and Engineering, 2018, 6, 413-421.	6.7	105
32	Co ₃ O ₄ /Co-N-C modified ketjenblack carbon as an advanced electrocatalyst for Al-air batteries. Journal of Power Sources, 2017, 343, 30-38.	7.8	99
33	Synthesis and electrochemical performance of Li ₂ FeSiO ₄ /carbon/carbon nano-tubes for lithium ion battery. Electrochimica Acta, 2010, 55, 7362-7366.	5.2	95
34	Ultrathin Na _{1.08} V ₃ O ₈ nanosheets—a novel cathode material with superior rate capability and cycling stability for Li-ion batteries. Energy and Environmental Science, 2012, 5, 6173.	30.8	88
35	Understanding the synergistic effect of alkyl polyglucoside and potassium stannate as advanced hybrid corrosion inhibitor for alkaline aluminum-air battery. Chemical Engineering Journal, 2020, 383, 123162.	12.7	88
36	Defect-rich TiO ₂ -r nanocrystals confined in a mooncake-shaped porous carbon matrix as an advanced Na ion battery anode. Journal of Power Sources, 2017, 354, 179-188.	7.8	87

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37	Na ₂ V ₆ O ₁₆ ·0.14H ₂ O nanowires as a novel anode material for aqueous rechargeable lithium battery with good cycling performance. <i>Journal of Power Sources</i> , 2013, 227, 111-117.	7.8	83
38	Facile and green synthesis of Co ₃ O ₄ nanoplates/graphene nanosheets composite for supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3593-3602.	2.5	82
39	A new cathode material Na ₂ V ₆ O ₁₆ ·xH ₂ O nanowire for lithium ion battery. <i>Journal of Power Sources</i> , 2012, 199, 263-269.	7.8	81
40	Insights into KMnO ₄ etched N-rich carbon nanotubes as advanced electrocatalysts for Zn-air batteries. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118537.	20.2	81
41	Comparative transcriptome analysis to investigate the high starch accumulation of duckweed (<i>Landoltia punctata</i>) under nutrient starvation. <i>Biotechnology for Biofuels</i> , 2013, 6, 72.	6.2	80
42	High-Rate LiTi ₂ (PO ₄) ₃ @N-doped C Composite via Bi-nitrogen Sources Doping. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28337-28345.	8.0	77
43	Aqueous rechargeable lithium batteries using NaV ₆ O ₁₅ nanoflakes as high performance anodes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12999-13005.	10.3	75
44	N-doped rutile TiO ₂ /C with significantly enhanced Na storage capacity for Na-ion batteries. <i>Electrochimica Acta</i> , 2017, 236, 43-52.	5.2	74
45	Electrode-Electrolyte Interfacial Chemistry Modulation for Ultra-High Rate Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	74
46	N-doped carbon coated LiTi ₂ (PO ₄) ₃ as superior anode using PANi as carbon and nitrogen bi-sources for aqueous lithium ion battery. <i>Electrochimica Acta</i> , 2018, 279, 279-288.	5.2	72
47	Fe/N co-doped carbon materials with controllable structure as highly efficient electrocatalysts for oxygen reduction reaction in Al-air batteries. <i>Energy Storage Materials</i> , 2017, 8, 49-58.	18.0	70
48	A facile annealing strategy for achieving <i>in situ</i> controllable Cu ₂ O nanoparticle decorated copper foil as a current collector for stable lithium metal anodes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18444-18448.	10.3	70
49	Oxygen Evolution in Overcharged Li _x Ni _{1/3} Co _{1/3} Mn _{1/3} O ₂ Electrode and Its Thermal Analysis Kinetics. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1583-1588.	4.9	69
50	One-step template-free fabrication of mesoporous ZnO/TiO ₂ hollow microspheres with enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2014, 307, 263-271.	6.1	69
51	Synergistically enhanced oxygen reduction activity of MnO _x /CeO ₂ /Ketjenblack composites. <i>Chemical Communications</i> , 2015, 51, 10123-10126.	4.1	69
52	Adjusting the yolk-shell structure of carbon spheres to boost the capacitive K ⁺ storage ability. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23318-23325.	10.3	69
53	Electrochemical property of NH ₄ V ₃ O ₈ ·0.2H ₂ O flakes prepared by surfactant assisted hydrothermal method. <i>Journal of Power Sources</i> , 2011, 196, 788-792.	7.8	68
54	Hybrid high-concentration electrolyte significantly strengthens the practicability of alkaline aluminum-air battery. <i>Energy Storage Materials</i> , 2020, 31, 310-317.	18.0	67

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55	TiO ₂ @C nanosheets with highly exposed (0 0 1) facets as a high-capacity anode for Na-ion batteries. <i>Chemical Engineering Journal</i> , 2018, 332, 57-65.	12.7	66
56	Revealing the Two-Dimensional Surface Diffusion Mechanism for Zinc Dendrite Formation on Zinc Anode. <i>Small</i> , 2022, 18, e2104148.	10.0	66
57	NaV ₆ O ₁₅ Nanoflakes with Good Cycling Stability as a Cathode for Sodium Ion Battery. <i>Journal of the Electrochemical Society</i> , 2015, 162, A39-A43.	2.9	65
58	A comprehensive review on the fabrication, modification and applications of Na ₃ V ₂ (PO ₄) ₂ F ₃ cathodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21387-21407.	10.3	65
59	A Three in One Strategy to Achieve Zirconium Doping, Boron Doping, and Interfacial Coating for Stable LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ Cathode. <i>Advanced Science</i> , 2021, 8, 2001809.	11.2	63
60	Issues and rational design of aqueous electrolyte for Zn-ion batteries. <i>SusMat</i> , 2021, 1, 432-447.	14.9	62
61	Sn layer decorated copper mesh with superior lithiophilicity for stable lithium metal anode. <i>Chemical Engineering Journal</i> , 2020, 395, 124922.	12.7	61
62	NH ₄ V ₃ O ₈ /carbon nanotubes composite cathode material with high capacity and good rate capability. <i>Journal of Power Sources</i> , 2011, 196, 9786-9791.	7.8	58
63	Synthesis and electrochemical performance of Li ₂ FeSiO ₄ /C as cathode material for lithium batteries. <i>Solid State Ionics</i> , 2010, 181, 1451-1455.	2.7	56
64	Li _x V ₂ O ₅ /LiV ₃ O ₈ nanoflakes with significantly improved electrochemical performance for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8009-8016.	10.3	53
65	NH ₄ V ₃ O ₈ nanorod as a high performance cathode material for rechargeable Li-ion batteries. <i>Journal of Power Sources</i> , 2012, 199, 315-321.	7.8	48
66	Nanoparticulate Mn _{0.3} Ce _{0.7} O ₂ : a novel electrocatalyst with improved power performance for metal/air batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12512.	10.3	47
67	In-situ synthesis of carbon coated Li ₂ MnSiO ₄ nanoparticles with high rate performance. <i>Journal of Power Sources</i> , 2013, 242, 865-871.	7.8	47
68	Advanced aqueous rechargeable lithium battery using nanoparticulate LiTi ₂ (PO ₄) ₃ /C as a superior anode. <i>Scientific Reports</i> , 2015, 5, 10733.	3.3	46
69	Engineering the crystal orientation of Na ₃ V ₂ (PO ₄) ₂ F ₃ @rGO microcuboids for advanced sodium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2932-2942.	5.9	46
70	Synthesis of LiV ₃ O ₈ nanosheets as a high-rate cathode material for rechargeable lithium batteries. <i>CrystEngComm</i> , 2012, 14, 2831.	2.6	44
71	Nitrogen Plasma-Treated Core-Shell Si@SiO _x @TiO ₂ : Nanoparticles with Significantly Improved Lithium Storage Performance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27658-27666.	8.0	44
72	Enhanced Electrochemical Properties of LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ at Elevated Temperature by Simultaneous Structure and Interface Regulating. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1439-A1448.	2.9	44

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73	Synergistic effect of N-doping and rich oxygen vacancies induced by nitrogen plasma endows TiO ₂ superior sodium storage performance. <i>Electrochimica Acta</i> , 2019, 309, 242-252.	5.2	44
74	Dual-Element-Modified Single-Crystal LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ as a Highly Stable Cathode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43039-43050.	8.0	44
75	Long-lived Aqueous Rechargeable Lithium Batteries Using Mesoporous LiTi ₂ (PO ₄) ₃ @C Anode. <i>Scientific Reports</i> , 2015, 5, 17452.	3.3	43
76	NaTi ₂ (PO ₄) ₃ Nanoparticles Embedded in Carbon Matrix as Long-Lived Anode for Aqueous Lithium Ion Battery. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1388-A1393.	2.9	43
77	Thermal Behavior Investigation of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ -Based Li-ion Battery under Overcharged Test. <i>Chinese Journal of Chemistry</i> , 2011, 29, 27-32.	4.9	41
78	Additive-free solvothermal synthesis of hierarchical flower-like LiFePO ₄ /C mesocrystal and its electrochemical performance. <i>RSC Advances</i> , 2013, 3, 19366.	3.6	41
79	Melamine assisted one-pot synthesis of Au nanoflowers and their catalytic activity towards p-nitrophenol. <i>New Journal of Chemistry</i> , 2012, 36, 2286.	2.8	40
80	Three-dimensional MoO ₂ nanotextiles assembled from elongated nanowires as advanced anode for Li ion batteries. <i>Journal of Power Sources</i> , 2017, 361, 1-8.	7.8	40
81	Interfacial Design of Dendrite-free Zinc Anodes for Aqueous Zinc-ion Batteries. <i>Angewandte Chemie</i> , 2020, 132, 13280-13291.	2.0	40
82	Synthesis of $\hat{1}^3$ -LiV ₂ O ₅ nanorods as a high-performance cathode for Li ion battery. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2555-2561.	2.5	39
83	Electrochemical interface reconstruction to eliminate surface heterogeneity for dendrite-free zinc anodes. <i>Energy Storage Materials</i> , 2022, 47, 319-326.	18.0	39
84	Synthesis and characterization of nano-Li _{1.95} FeSiO ₄ /C composite as cathode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2012, 60, 239-243.	5.2	37
85	Advanced cathodes for potassium-ion batteries with layered transition metal oxides: a review. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8221-8247.	10.3	37
86	Additive-free solvothermal synthesis and Li-ion intercalation properties of dumbbell-shaped LiFePO ₄ /C mesocrystals. <i>Journal of Power Sources</i> , 2013, 239, 103-110.	7.8	36
87	Synthesis and electrochemical properties of NaV ₃ O ₈ nanoflakes as high-performance cathode for Li-ion battery. <i>RSC Advances</i> , 2014, 4, 8328.	3.6	36
88	N-Doped carbon supported Co ₃ O ₄ nanoparticles as an advanced electrocatalyst for the oxygen reduction reaction in Al-air batteries. <i>RSC Advances</i> , 2016, 6, 55552-55559.	3.6	36
89	Enhanced sodium ion storage performance of Na ₃ V ₂ (PO ₄) ₃ with N-doped carbon by folic acid as carbon-nitrogen source. <i>Journal of Alloys and Compounds</i> , 2018, 732, 454-459.	5.5	36
90	Reviving bulky MoS ₂ as an advanced anode for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10988-10997.	10.3	36

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91	The Associations of Uric Acid, Cardiovascular and All-Cause Mortality in Peritoneal Dialysis Patients. PLoS ONE, 2014, 9, e82342.	2.5	35
92	Synthesis and electrochemical performances of Na ₃ V ₂ (PO ₄) ₂ F ₃ /C composites as cathode materials for sodium ion batteries. RSC Advances, 2019, 9, 30628-30636.	3.6	33
93	Advanced LiTi ₂ (PO ₄) ₃ /C anode by incorporation of carbon nanotubes for aqueous lithium-ion batteries. Ionics, 2017, 23, 575-583.	2.4	32
94	The effect of solid electrolyte interface formation conditions on the aging performance of Li-ion cells. Journal of Solid State Electrochemistry, 2011, 15, 1987-1995.	2.5	31
95	Sodium citrate as a self-sacrificial sodium compensation additive for sodium-ion batteries. Chemical Communications, 2021, 57, 4243-4246.	4.1	31
96	Regulating closed pore structure enables significantly improved sodium storage for hard carbon pyrolyzing at relatively low temperature. SusMat, 2022, 2, 357-367.	14.9	31
97	Boosted electrochemical properties of porous Li ₂ FeSiO ₄ /C based on Fe-MOFs precursor for lithium ion batteries. Vacuum, 2020, 171, 108997.	3.5	30
98	How does Molybdenum Disulfide Store Charge: A Mini-review. ChemSusChem, 2020, 13, 1354-1365.	6.8	30
99	Titanium Monoxide-Stabilized Silicon Nanoparticles with a Litchi-like Structure as an Advanced Anode for Li-ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 48467-48475.	8.0	29
100	Size controlling and surface engineering enable NaTi ₂ (PO ₄) ₃ /C outstanding sodium storage properties. Electrochimica Acta, 2018, 289, 21-28.	5.2	28
101	Lithium deficient mesoporous Li _{2-λ} MnSiO ₄ with significantly improved electrochemical performance. Journal of Power Sources, 2014, 247, 497-502.	7.8	27
102	Oxygen Vacancy Engineering in Titanium Dioxide for Sodium Storage. Chemistry - an Asian Journal, 2021, 16, 3-19.	3.3	27
103	A piece of common cellulose paper but with outstanding functions for advanced aqueous zinc-ion batteries. Materials Today Energy, 2022, 28, 101076.	4.7	27
104	A Review of Al Alloy Anodes for Al-Air Batteries in Neutral and Alkaline Aqueous Electrolytes. Acta Metallurgica Sinica (English Letters), 2021, 34, 309-320.	2.9	26
105	Ti ³⁺ self-doped Li ₄ Ti ₅ O ₁₂ with rich oxygen vacancies for advanced lithium-ion batteries. Ionics, 2020, 26, 1739-1747.	2.4	25
106	Defect engineering of molybdenum disulfide for energy storage. Materials Chemistry Frontiers, 2021, 5, 5880-5896.	5.9	25
107	Facile synthesis and lithium storage performance of (NH ₄) ₂ V ₃ O ₈ nanoflakes. Journal of Applied Electrochemistry, 2016, 46, 879-885.	2.9	24
108	Ultrathin (NH ₄) _{0.5} V ₂ O ₅ Nanosheets as a Stable Anode for Aqueous Lithium Ion Battery. Journal of the Electrochemical Society, 2016, 163, A2349-A2355.	2.9	23

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109	Na ⁺ and Zr ⁴⁺ co-doped Li ₄ Ti ₅ O ₁₂ as anode materials with superior electrochemical performance for lithium ion batteries. RSC Advances, 2016, 6, 90455-90461.	3.6	23
110	Spray drying-assisted synthesis of hollow spherical Li ₂ FeSiO ₄ /C particles with high performance for Li-ion batteries. Solid State Ionics, 2015, 278, 203-208.	2.7	22
111	Synthesis and high cycle performance of Li ₂ ZnTi ₃ O ₈ /C anode material promoted by asphalt as a carbon precursor. RSC Advances, 2016, 6, 49298-49306.	3.6	22
112	Transcriptome profiling analysis reveals metabolic changes across various growth phases in Bacillus pumilus BA06. BMC Microbiology, 2017, 17, 156.	3.3	22
113	Sulfur and nitrogen-doped Li ₄ Ti ₅ O ₁₂ /rGO as an anode material for advanced sodium-ion batteries. Journal of Alloys and Compounds, 2021, 857, 158190.	5.5	22
114	Intrinsically zincophobic protective layer for dendrite-free zinc metal anode. Chinese Chemical Letters, 2022, 33, 2653-2657.	9.0	22
115	Exploring the Polyadenylated RNA Virome of Sweet Potato through High-Throughput Sequencing. PLoS ONE, 2014, 9, e98884.	2.5	20
116	Superior Na-storage performance of Na ₃ V ₂ (PO ₄) ₃ /C-Ag composites as cathode material for Na-ion battery. Journal of Alloys and Compounds, 2020, 822, 153587.	5.5	20
117	Uniform AlF ₃ thin layer to improve rate capability of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ material for Li-ion batteries. Transactions of Nonferrous Metals Society of China, 2010, 20, 803-808.	4.2	19
118	The fabrication of hierarchical MoO ₂ @MoS ₂ /rGO composite as high reversible anode material for lithium ion batteries. Electrochimica Acta, 2020, 364, 136996.	5.2	19
119	Three-Dimensional MnCo ₂ O _{4.5} Mesoporous Networks as an Electrocatalyst for Oxygen Reduction Reaction. Journal of the Electrochemical Society, 2015, 162, A2302-A2307.	2.9	18
120	Facile preparation of robust porous MoS ₂ /C nanosheet networks as anode material for sodium ion batteries. Journal of Materials Science, 2019, 54, 2472-2482.	3.7	18
121	Preparation and characterization of spinel LiMn ₂ O ₄ nanorods as lithium-ion battery cathodes. Transactions of Nonferrous Metals Society of China, 2010, 20, 2309-2313.	4.2	17
122	High-rate properties of Li _{1.95} FeSiO ₄ /C/CNTs composite as cathode material for lithium-ion batteries. Solid State Ionics, 2012, 220, 18-22.	2.7	17
123	AlF ₃ coated LiV ₃ O ₈ nanosheets with significantly improved cycling stability as cathode material for Li-ion battery. Solid State Ionics, 2013, 236, 37-42.	2.7	17
124	Plasma-treated Ti ³⁺ -doped sodium titanate nanosheet arrays on titanium foil as a lithiophilic current collector for a stable lithium metal anode. Chemical Communications, 2019, 55, 6551-6554.	4.1	17
125	Enhanced electrochemical performance of Mg ₂ Ni alloy prepared by rapid quenching in magnetic field. Journal of Power Sources, 2013, 238, 257-264.	7.8	16
126	Two-step carbon modification of NaTi ₂ (PO ₄) ₃ with improved sodium storage performance for Na-ion batteries. Journal of Central South University, 2018, 25, 2320-2331.	3.0	16

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127	Electrodeâ€“Electrolyte Interfacial Chemistry Modulation for Ultraâ€“High Rate Sodiumâ€“Ion Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	16
128	Advanced Materials Prepared via Metallic Reduction Reactions for Electrochemical Energy Storage. <i>Small Methods</i> , 2020, 4, 2000613.	8.6	15
129	Scalable slurry-coating induced integrated 3D lithiophilic architecture for stable lithium metal anodes. <i>Journal of Power Sources</i> , 2021, 485, 229334.	7.8	15
130	Dual carbon coating engineering endows hollow structured TiO ₂ with superior sodium storage performance. <i>Journal of Power Sources</i> , 2021, 489, 229516.	7.8	15
131	Multi-layered Al ₂ O ₃ /Li _x V ₂ O ₅ /LiV ₃ O ₈ nanoflakes with superior cycling stability as cathode material for Li-ion battery. <i>Electrochimica Acta</i> , 2015, 157, 211-217.	5.2	14
132	Cu/Cu ₂ O nanoparticles co-regulated carbon catalyst for alkaline Al-air batteries. <i>Chinese Chemical Letters</i> , 2021, 32, 2427-2432.	9.0	14
133	Lithium reduction reaction for interfacial regulation of lithium metal anode. <i>Chemical Communications</i> , 2022, 58, 2597-2611.	4.1	14
134	Renewable waste biomass-derived carbon materials for energy storage. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 313002.	2.8	14
135	The Association of Individual and Regional Socioeconomic Status on Initial Peritonitis and Outcomes in Peritoneal Dialysis Patients: A Propensity Score-Matched Cohort Study. <i>Peritoneal Dialysis International</i> , 2016, 36, 395-401.	2.3	13
136	Electrochemical presodiation promoting lithium storage performance of Mo-based anode materials. <i>Ceramics International</i> , 2017, 43, 11967-11972.	4.8	13
137	Genotoxicity of a Low-Dose Nitrosamine Mixture as Drinking Water Disinfection Byproducts in NIH3T3 Cells. <i>International Journal of Medical Sciences</i> , 2017, 14, 961-969.	2.5	13
138	Associations between Serum-Intact Parathyroid Hormone, Serum 25-Hydroxyvitamin D, Oral Vitamin D Analogs and Metabolic Syndrome in Peritoneal Dialysis Patients: A Multi-Center Cross-Sectional Study. <i>Peritoneal Dialysis International</i> , 2014, 34, 447-455.	2.3	12
139	Isolation and characterization of cDNAs and genomic DNAs encoding ADP-glucose pyrophosphorylase large and small subunits from sweet potato. <i>Molecular Genetics and Genomics</i> , 2016, 291, 609-620.	2.1	12
140	Porous lithium titanate nanosheets as an advanced anode material for sodium ion batteries. <i>Journal of Materials Science</i> , 2020, 55, 4372-4381.	3.7	12
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