List of Publications by Year in descending order

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216 papers	18,139 citations	9756 73 h-index	15218 126 g-index
217 all docs	217 docs citations	217 times ranked	16768 citing authors

#	Article	IF	Citations
1	3D frame-like architecture of N-C-incorporated mixed metal phosphide boosting ultrahigh energy density pouch-type supercapacitors. Nano Energy, 2022, 91, 106630.	8.2	74
2	Grain boundary enriched CuO nanobundle for efficient non-invasive glucose sensors/fuel cells. Journal of Colloid and Interface Science, 2022, 609, 139-148.	5.0	13
3	Constructing Sb O C bond to improve the alloying reaction reversibility of free-standing Sb2Se3 nanorods for potassium-ion batteries. Nano Energy, 2022, 93, 106764.	8.2	68
4	Toward layered MoS₂ anode for harvesting superior lithium storage. RSC Advances, 2022, 12, 9917-9922.	1.7	0
5	Constructing highly utilizable Fe-N4 single-atom sites by one-step gradient pyrolysis for electroreduction of O2 and CO2. Chemical Engineering Journal, 2022, 440, 135749.	6.6	23
6	Heterogeneous Interface-Derived Engineered Electronic Structure of SiO with Enhanced Lithium Storage. ACS Applied Energy Materials, 2022, 5, 750-759.	2.5	2
7	Surface Reconstruction of Niâ€Rich Layered Cathodes: Inâ€‰Situ Doping versus Exâ€‰Situ Doping. Small Structures, 2022, 3, .	6.9	31
8	Interfacial Mn Vacancy for Li-Rich Mn-Based Oxide Cathodes. ACS Applied Materials & Interfaces, 2022, 14, 22161-22169.	4.0	4
9	Confining ZnS/SnS₂ Ultrathin Heterostructured Nanosheets in Hollow Nâ€Doped Carbon Nanocubes as Novel Sulfur Host for Advanced Liâ€S Batteries. Small, 2022, 18, e2107727.	5.2	39
10	Nitrogen/sulphur dual-doped hierarchical carbonaceous fibers boosting potassium-ion storage. Journal of Energy Chemistry, 2021, 55, 420-427.	7.1	41
11	Recent progress and prospects of Li-CO2 batteries: Mechanisms, catalysts and electrolytes. Energy Storage Materials, 2021, 34, 148-170.	9.5	88
12	Functional Passivation Interface of LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ toward Superior Lithium Storage. Advanced Functional Materials, 2021, 31, 2008301.	7.8	58
13	Direct coherent multi-ink printing of fabric supercapacitors. Science Advances, 2021, 7, .	4.7	95
14	Suppressing Dendrites via Interfacial Ionic Conductivity Regulation in Lithium Metal Batteries. Energy & Fuels, 2021, 35, 5333-5341.	2.5	7
15	Hierarchically novel bead-curtain-like zinc-cobalt sulfides arrays toward high energy density hybrid supercapacitors via morphology engineering. Journal of Power Sources, 2021, 489, 229535.	4.0	32
16	Efficient carbon-based electrocatalyst derived from biomass for hydrogen peroxide generation. Materials Today Communications, 2021, 26, 102051.	0.9	2
17	Constructing high-rate and long-life phosphorus/carbon anodes for potassium-ion batteries through rational nanoconfinement. Nano Energy, 2021, 83, 105772.	8.2	54
18	3D printing coaxial fiber electrodes towards boosting ultralong cycle life of fibrous supercapacitors. Electrochimica Acta, 2021, 380, 138220.	2.6	10

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19	In Situ Surface Film Formed by Solidâ€State Anodic Oxidation for Stable Lithium Metal Anodes. Advanced Functional Materials, 2021, 31, 2101737.	7.8	12
20	Chemical Heterointerface Engineering on Hybrid Electrode Materials for Electrochemical Energy Storage. Small Methods, 2021, 5, e2100444.	4.6	62
21	Flexible S@C-CNTs cathodes with robust mechanical strength via blade-coating for lithium-sulfur batteries. Journal of Colloid and Interface Science, 2021, 592, 448-454.	5.0	24
22	Porous skeleton-stabilized Co/Nâ€“C coated separator for boosting lithium-ion batteries stability and safety. Journal of Power Sources, 2021, 499, 229933.	4.0	21
23	A review of niobium oxides based nanocomposites for lithium-ion batteries, sodium-ion batteries and supercapacitors. Nano Energy, 2021, 85, 105955.	8.2	171
24	Double boosting single atom Feâ€“N4 sites for high efficiency O2 and CO2 electroreduction. Carbon, 2021, 182, 109-116.	5.4	39
25	Optimized activation of Li2MnO3 effectively boosting rate capability of xLi2MnO3â‹™(1-x)LiMO2 cathode. Nano Energy, 2021, 88, 106240.	8.2	38
26	New insight into Li metal protection: Regulating the Li-ion flux via dielectric polarization. Nano Energy, 2021, 89, 106334.	8.2	13
27	A New Co-Free Ni-Rich LiNi_{0.8}Fe_{0.1}Mn_{0.1}O₂ Cathode for Low-Cost Li-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 57341-57349.	4.0	13
28	Ion association tailoring SEI composition for Li metal anode protection. Journal of Energy Chemistry, 2020, 45, 1-6.	7.1	46
29	Polycrystalline VO2(M) with well-dispersed crystalline zones for enhanced electroactivity of lithium-ion batteries. Journal of Alloys and Compounds, 2020, 812, 152122.	2.8	15
30	Formation of hollow nanofiber rolls through controllable carbon diffusion for Li metal host. Carbon, 2020, 157, 622-630.	5.4	12
31	Superior full battery performance of tunable hollow N-Doped carbonaceous fibers encapsulating Ni3S2 nanocrystals with enhanced Li/Na storage. Electrochimica Acta, 2020, 332, 135446.	2.6	23
32	N-doped hollow carbon nanofibers anchored hierarchical FeP nanosheets as high-performance anode for potassium-ion batteries. Journal of Alloys and Compounds, 2020, 821, 153268.	2.8	28
33	Emerging Layered Metallic Vanadium Disulfide for Rechargeable Metalâ€Ion Batteries: Progress and Opportunities. ChemSusChem, 2020, 13, 1172-1202.	3.6	27
34	Building sandwich-like carbon coated Si@CNTs composites as high-performance anode materials for lithium-ion batteries. Electrochimica Acta, 2020, 364, 137278.	2.6	33
35	Heterogeneous interface of Se@Sb@C boosting potassium storage. Nano Energy, 2020, 78, 105345.	8.2	51
36	Heterogeneous structured MoSe₂â€“MoO₃ quantum dots with enhanced sodium/potassium storage. Journal of Materials Chemistry A, 2020, 8, 23395-23403.	5.2	48

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37	Engineering 2D Materials: A Viable Pathway for Improved Electrochemical Energy Storage. Advanced Energy Materials, 2020, 10, 2002621.	10.2	45
38	Biomass-derived carbon for ORR: pine needles as a single source for efficient carbon electrocatalyst. Journal of Applied Electrochemistry, 2020, 50, 1257-1267.	1.5	13
39	Design, synthesis, and application of metal sulfides for Liâ€“S batteries: progress and prospects. Journal of Materials Chemistry A, 2020, 8, 17848-17882.	5.2	85
40	An elaborate insight of lithiation behavior of V2O5 anode. Nano Energy, 2020, 78, 105233.	8.2	56
41	Controllable S-Vacancies of monolayered Moâ€“S nanocrystals for highly harvesting lithium storage. Nano Energy, 2020, 78, 105235.	8.2	41
42	Engineering Surface Oxygenated Functionalities on Commercial Carbon toward Ultrafast Sodium Storage in Ether-Based Electrolytes. ACS Applied Materials & Interfaces, 2020, 12, 37116-37127.	4.0	13
43	Building Fast Diffusion Channel by Constructing Metal Sulfide/Metal Selenide Heterostructures for High-Performance Sodium Ion Batteries Anode. Nano Letters, 2020, 20, 6199-6205.	4.5	149
44	Large Interlayer Spacing of Few-Layered Cobaltâ€“Tin-Based Sulfide Providing Superior Sodium Storage. ACS Applied Materials & Interfaces, 2020, 12, 41546-41556.	4.0	11
45	Recent Advances of Bimetallic Sulfide Anodes for Sodium Ion Batteries. Frontiers in Chemistry, 2020, 8, 353.	1.8	24
46	Elastic buffer structured Si/C microsphere anodes via polymerization-induced colloid aggregation. Chemical Communications, 2020, 56, 6770-6773.	2.2	20
47	Understanding the Critical Role of Binders in Phosphorus/Carbon Anode for Sodiumâ€Ion Batteries through Unexpected Mechanism. Advanced Functional Materials, 2020, 30, 2000060.	7.8	29
48	MOF derived ZnSeâ€“FeSe2/RGO Nanocomposites with enhanced sodium/potassium storage. Journal of Power Sources, 2020, 455, 227937.	4.0	107
49	Ionic Conductive Interface Boosting High Performance LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ for Lithium Ion Batteries. ACS Applied Energy Materials, 2020, 3, 3242-3252.	2.5	24
50	A promising p-type Coâ€“ZnFe₂O₄ nanorod film as a photocathode for photoelectrochemical water splitting. Chemical Communications, 2020, 56, 5279-5282.	2.2	20
51	Printable Ink Design towards Customizable Miniaturized Energy Storage Devices. , 2020, 2, 1041-1056.		45
52	Surface engineering of LiNi0.8Mn0.1Co0.1O2 towards boosting lithium storage: Bimetallic oxides versus monometallic oxides. Nano Energy, 2020, 77, 105034.	8.2	78
53	Facile synthesis of tetragonal NaV2O5Â·H2O nanosheets co-intercalated by high content of Na+ and H2O for boosted lithium storage. Chemical Engineering Journal, 2020, 402, 126131.	6.6	7
54	A lattice-matched interface between in situ/artificial SEIs inhibiting SEI decomposition for enhanced lithium storage. Journal of Materials Chemistry A, 2020, 8, 11165-11176.	5.2	22

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55	Controlled design of metal oxide-based (Mn2+/Nb5+) anodes for superior sodium-ion hybrid supercapacitors: Synergistic mechanisms of hybrid ion storage. Nano Energy, 2020, 71, 104594.	8.2	67
56	Controllable atomic layer deposition coatings to boost the performance of LiMn_xCo_yNi_{1â^'xâ^'y}O₂ in lithium-ion batteries: A review. Journal of Materials Research, 2020, 35, 762-774.	1.2	10
57	Î²-FeOOH Interlayer With Abundant Oxygen Vacancy Toward Boosting Catalytic Effect for Lithium Sulfur Batteries. Frontiers in Chemistry, 2020, 8, 309.	1.8	9
58	ZnO Interface Modified LiNi_{0.6}Co_{0.2}Mn_{0.2}O₂ Toward Boosting Lithium Storage. Energy and Environmental Materials, 2020, 3, 522-528.	7.3	24
59	Understanding the Relationships between Morphology, Solid Electrolyte Interphase Composition, and Coulombic Efficiency of Lithium Metal. ACS Applied Materials & Interfaces, 2020, 12, 22268-22277.	4.0	21
60	Review and prospect of NiCo2O4-based composite materials for supercapacitor electrodes. Journal of Energy Chemistry, 2019, 31, 54-78.	7.1	275
61	Controllable Cathodeâ€“Electrolyte Interface of Li[Ni_{0.8}Co_{0.1}Mn_{0.1}]O₂ for Lithium Ion Batteries: A Review. Advanced Energy Materials, 2019, 9, 1901597.	10.2	273
62	Exposing the photocorrosion mechanism and control strategies of a CuO photocathode. Inorganic Chemistry Frontiers, 2019, 6, 2488-2499.	3.0	59
63	Enhanced lithium/sodium storage of SnO2/Graphene aerogels nanocomposites. Materials Chemistry and Physics, 2019, 238, 121870.	2.0	5
64	Three-Dimensional Ordered Macroporous Metalâ€“Organic Framework Single Crystal-Derived Nitrogen-Doped Hierarchical Porous Carbon for High-Performance Potassium-Ion Batteries. Nano Letters, 2019, 19, 4965-4973.	4.5	246
65	Unveiling the Interfacial Instability of the Phosphorus/Carbon Anode for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 30763-30773.	4.0	26
66	Asynchronous reactions of â€œself-matrixâ€•dual-crystals effectively accommodating volume expansion/shrinkage of electrode materials with enhanced sodium storage. Chemical Communications, 2019, 55, 9076-9079.	2.2	15
67	Boosting the sodium storage behaviors of carbon materials in ether-based electrolyte through the artificial manipulation of microstructure. Nano Energy, 2019, 66, 104177.	8.2	20
68	A Review of Carbon-Based Materials for Safe Lithium Metal Anodes. Frontiers in Chemistry, 2019, 7, 721.	1.8	30
69	ALD derived Fe3+- doping toward high performance P2â€“Na0.75Ni0.2Co0.2Mn0.6O2 cathode material for sodium ion batteries. Materials Today Energy, 2019, 14, 100353.	2.5	16
70	A hybrid energy storage mechanism of carbonous anodes harvesting superior rate capability and long cycle life for sodium/potassium storage. Journal of Materials Chemistry A, 2019, 7, 3673-3681.	5.2	70
71	1D ZnFe2O4 nanorods coupled with plasmonic Ag, Ag2S nanoparticles and Co-Pi cocatalysts for efficient photoelectrochemical water splitting. International Journal of Hydrogen Energy, 2019, 44, 19841-19854.	3.8	21
72	Optimized ALD-derived MgO coating layers enhancing silicon anode performance for lithium ion batteries. Journal of Materials Research, 2019, 34, 2425-2434.	1.2	13

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73	Novel amorphous CoSnO3@rGO nanocomposites highly enhancing sodium storage. Electrochimica Acta, 2019, 316, 236-247.	2.6	22
74	Unique Double-Interstitialcy Mechanism and Interfacial Storage Mechanism in the Graphene/Metal Oxide as the Anode for Sodium-Ion Batteries. Nano Letters, 2019, 19, 3122-3130.	4.5	31
75	Improved photoelectrochemical response of CuWO4/BiOI p-n heterojunction embedded with plasmonic Ag nanoparticles. Chemical Engineering Journal, 2019, 370, 218-227.	6.6	72
76	High energy and power lithium-ion capacitors based on Mn3O4/3D-graphene as anode and activated polyaniline-derived carbon nanorods as cathode. Chemical Engineering Journal, 2019, 370, 1485-1492.	6.6	86
77	Recent advancements of polyaniline-based nanocomposites for supercapacitors. Journal of Power Sources, 2019, 424, 108-130.	4.0	305
78	Interlayer Material Selection for Lithium-Sulfur Batteries. Joule, 2019, 3, 361-386.	11.7	406
79	Superior Sodium Storage of Carbon-Coated NaV₆O₁₅ Nanotube Cathode: Pseudocapacitance Versus Intercalation. ACS Applied Materials & Interfaces, 2019, 11, 10631-10641.	4.0	35
80	Mesoporous ZnCo₂O₄/rGO nanocomposites enhancing sodium storage. Nanotechnology, 2019, 30, 234005.	1.3	9
81	A high-efficiency and stable cupric oxide photocathode coupled with Al surface plasmon resonance and Al₂O₃ self-passivation. Chemical Communications, 2019, 55, 15093-15096.	2.2	20
82	Enhanced capacitance of boron-doped graphene aerogels for aqueous symmetric supercapacitors. Applied Surface Science, 2019, 475, 285-293.	3.1	70
83	Hybrid 0D/2D edamame shaped ZnIn2S4 photoanode modified by Co-Pi and Pt for charge management towards efficient photoelectrochemical water splitting. Applied Catalysis B: Environmental, 2019, 244, 188-196.	10.8	102
84	Biomass-derived nanostructured porous carbons for sodium ion batteries: a review. Materials Technology, 2019, 34, 232-245.	1.5	47
85	Recent advances in Li1+xAlxTi2â^'x(PO4)3 solid-state electrolyte for safe lithium batteries. Energy Storage Materials, 2019, 19, 379-400.	9.5	210
86	Constructing chinky zinc oxide hierarchical hexahedrons for highly sensitive formaldehyde gas detection. Journal of Alloys and Compounds, 2019, 775, 402-410.	2.8	26
87	Nitrogen/sulfur dual-doping of reduced graphene oxide harvesting hollow ZnSnS3 nano-microcubes with superior sodium storage. Nano Energy, 2019, 57, 414-423.	8.2	194
88	Nitrogen-doping of graphene enhancing sodium storage of SnO2 anode. Journal of Electroanalytical Chemistry, 2019, 833, 340-348.	1.9	12
89	Controlling the Growth of Ni₃S₂ Anode with Tunable Sodium Storage. Advanced Materials Interfaces, 2018, 5, 1701684.	1.9	10
90	Fabrication of porous Co3O4 with different nanostructures by solid-state thermolysis of metalâ€“organic framework for supercapacitors. Journal of Materials Science, 2018, 53, 8474-8482.	1.7	14

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91	Promising Three-Dimensional Flowerlike CuWO₄ Photoanode Modified with CdS and FeOOH for Efficient Photoelectrochemical Water Splitting. Industrial & Engineering Chemistry Research, 2018, 57, 6210-6217.	1.8	42
92	Metalâ€“Organic Frameworks-Derived Co₂P@N-C@rGO with Dual Protection Layers for Improved Sodium Storage. ACS Applied Materials & Interfaces, 2018, 10, 14641-14648.	4.0	100
93	Recent Advances in Layered Ti₃C₂T_x MXene for Electrochemical Energy Storage. Small, 2018, 14, e1703419.	5.2	729
94	Paulownia tomentosa derived porous carbon with enhanced sodium storage. Journal of Materials Research, 2018, 33, 1236-1246.	1.2	12
95	Promising Dual-Doped Graphene Aerogel/SnS₂ Nanocrystal Building High Performance Sodium Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 2637-2648.	4.0	185
96	Rationally-designed configuration of directly-coated Ni3S2/Ni electrode by RGO providing superior sodium storage. Carbon, 2018, 133, 14-22.	5.4	67
97	Alumina-coated and manganese monoxide embedded 3D carbon derived from avocado as high-performance anode for lithium-ion batteries. Applied Surface Science, 2018, 445, 359-367.	3.1	9
98	Rational design of hybrid Co3O4/graphene films: Free-standing flexible electrodes for high performance supercapacitors. Electrochimica Acta, 2018, 259, 338-347.	2.6	75
99	Vertically Aligned Co₉S₈ Nanotube Arrays onto Graphene Papers as Highâ€Performance Flexible Electrodes for Supercapacitors. Chemistry - A European Journal, 2018, 24, 2339-2343.	1.7	37
100	Significantly improving cycling performance of cathodes in lithium ion batteries: The effect of Al2O3 and LiAlO2 coatings on LiNi0.6Co0.2Mn0.2O2. Nano Energy, 2018, 44, 111-120.	8.2	536
101	Oxygen vacancies and grain boundaries potential barriers modulation facilitated formaldehyde gas sensing performances for In2O3 hierarchical architectures. Sensors and Actuators B: Chemical, 2018, 255, 159-165.	4.0	142
102	Cooperation effect of heterojunction and co-catalyst in BiVO₄/Bi₂S₃/NiOOH photoanode for improving photoelectrochemical performances. New Journal of Chemistry, 2018, 42, 19415-19422.	1.4	24
103	Advanced metal-organic frameworks (MOFs) and their derived electrode materials for supercapacitors. Journal of Power Sources, 2018, 402, 281-295.	4.0	160
104	Recent advances of polar transition-metal sulfides host materials for advanced lithiumâ€“sulfur batteries. Functional Materials Letters, 2018, 11, 1840010.	0.7	33
105	Recent advances in effective protection of sodium metal anode. Nano Energy, 2018, 53, 630-642.	8.2	191
106	SnO₂/Reduced Graphene Oxide Interlayer Mitigating the Shuttle Effect of Liâ€“S Batteries. ACS Applied Materials & Interfaces, 2018, 10, 18665-18674.	4.0	129
107	Synthesis of CoMn2O4 thin films on Ni foams by electrostatic spray deposition as anodes for sodiumâ€“ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 11404-11408.	1.1	4
108	Enhanced anode performance of flower-like NiO/RGO nanocomposites for lithium-ion batteries. Materials Chemistry and Physics, 2018, 217, 547-552.	2.0	26

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109	Three-Dimensional Heteroatom-Doped Nanocarbon for Metal-Free Oxygen Reduction Electrocatalysis: A Review. Catalysts, 2018, 8, 301.	1.6	31
110	A ZnO/ZnFe₂O₄ uniform coreâ€“shell heterojunction with a tubular structure modified by NiOOH for efficient photoelectrochemical water splitting. Dalton Transactions, 2018, 47, 12181-12187.	1.6	115
111	Enhanced Lithium Storage Performance of Liquidâ€Phase Exfoliated Graphene Supported WS₂ Heterojunctions. ChemElectroChem, 2018, 5, 3222-3228.	1.7	18
112	Sandwiched CNT@SnO2@PPy nanocomposites enhancing sodium storage. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 555, 795-801.	2.3	27
113	Facile synthesis of bamboo raft-like Co 3 O 4 with enhanced acetone gas sensing performances. Journal of Alloys and Compounds, 2018, 758, 45-53.	2.8	31
114	A novel ZnO-based inorganic/organic bilayer with low resistance for Li metal protection. Energy Storage Materials, 2018, 14, 392-401.	9.5	44
115	A Mixed Microporous/Low-range Mesoporous Composite with High Sulfur Loading from Hierarchically-structured Carbon for Lithium Sulfur Batteries. Electrochimica Acta, 2017, 230, 181-188.	2.6	36
116	Superior sodium storage of novel VO₂nano-microspheres encapsulated into crumpled reduced graphene oxide. Journal of Materials Chemistry A, 2017, 5, 4850-4860.	5.2	79
117	Superior Cathode Performance of Nitrogen-Doped Graphene Frameworks for Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 10643-10651.	4.0	98
118	Rational design of flower-like tin sulfide @ reduced graphene oxide for high performance sodium ion batteries. Materials Research Bulletin, 2017, 96, 516-523.	2.7	31
119	An optimized Al₂O₃ layer for enhancing the anode performance of NiCo₂O₄ nanosheets for sodium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 17881-17888.	5.2	61
120	Design of V2O5Â·xH2O cathode for highly enhancing sodium storage. Journal of Alloys and Compounds, 2017, 722, 278-286.	2.8	31
121	Superior Sodium Storage of Vanadium Pentoxide Cathode with Controllable Interlamellar Spacing. Electrochimica Acta, 2017, 244, 77-85.	2.6	36
122	Rational design of Sn/SnO 2 /porous carbon nanocomposites as anode materials for sodium-ion batteries. Applied Surface Science, 2017, 412, 170-176.	3.1	63
123	Reduced graphene oxide decorated porous SnO2 nanotubes with enhanced sodium storage. Journal of Alloys and Compounds, 2017, 710, 323-330.	2.8	56
124	Three-dimensionally porous CoMn2O4 thin films grown on Ni foams for high-performance lithium-ion battery anodes. Journal of Materials Science, 2017, 52, 5751-5758.	1.7	13
125	Controllably Designed â€œVice-Electrodeâ€•Interlayers Harvesting High Performance Lithium Sulfur Batteries. ACS Applied Materials & Interfaces, 2017, 9, 40273-40280.	4.0	44
126	Nitrogenâ€Doped Graphene Nanosheets/S Composites as Cathode in Roomâ€Temperature Sodiumâ€Sulfur Batteries. ChemistrySelect, 2017, 2, 9425-9432.	0.7	30

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127	Impact of Micro-/Mesoporous Carbonaceous Structure on Electrochemical Performance of Sulfur. Electrochimica Acta, 2017, 248, 416-424.	2.6	9
128	A review of atomic layer deposition providing high performance lithium sulfur batteries. Journal of Power Sources, 2017, 338, 34-48.	4.0	115
129	Effective surface disorder engineering of metal oxide nanocrystals for improved photocatalysis. Applied Catalysis B: Environmental, 2017, 203, 615-624.	10.8	51
130	Fish gill-derived activated carbon for supercapacitor application. Journal of Alloys and Compounds, 2017, 694, 636-642.	2.8	76
131	MOF-derived porous NiO nanoparticle architecture for high performance supercapacitors. Materials Letters, 2017, 188, 1-4.	1.3	102
132	Novel iodine-doped reduced graphene oxide anode for sodium ion batteries. RSC Advances, 2017, 7, 55060-55066.	1.7	23
133	Recent Developments and Understanding of Novel Mixed Transitionâ€Metal Oxides as Anodes in Lithium Ion Batteries. Advanced Energy Materials, 2016, 6, 1502175.	10.2	756
134	Carbon nanotubes cross-linked Zn2SnO4 nanoparticles/graphene networks as high capacities, long life anode materials for lithium ion batteries. Journal of Applied Electrochemistry, 2016, 46, 851-860.	1.5	19
135	Crumpled reduced graphene oxide conformally encapsulated hollow V2O5 nano/microsphere achieving brilliant lithium storage performance. Nano Energy, 2016, 24, 32-44.	8.2	132
136	Sulfur/Nitrogen Dual-doped Porous Graphene Aerogels Enhancing Anode Performance of Lithium Ion Batteries. Electrochimica Acta, 2016, 205, 188-197.	2.6	133
137	Morphology-dependent performance of nanostructured Ni3S2/Ni anode electrodes for high performance sodium ion batteries. Nano Energy, 2016, 26, 533-540.	8.2	182
138	Scalable synthesis of functionalized graphene as cathodes in Li-ion electrochemical energy storage devices. Applied Energy, 2016, 175, 512-521.	5.1	37
139	Nitrogen-doped graphene nanosheets/sulfur composite as lithiumâ€“sulfur batteries cathode. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 213, 83-89.	1.7	18
140	Controlled SnO2Crystallinity Effectively Dominating Sodium Storage Performance. Advanced Energy Materials, 2016, 6, 1502057.	10.2	180
141	Amorphous SnO2/graphene aerogel nanocomposites harvesting superior anode performance for lithium energy storage. Applied Energy, 2016, 175, 529-535.	5.1	60
142	Tailored lithium storage performance of graphene aerogel anodes with controlled surface defects for lithium-ion batteries. Applied Surface Science, 2016, 364, 651-659.	3.1	52
143	PVP-derived carbon nanofibers harvesting enhanced anode performance for lithium ion batteries. RSC Advances, 2016, 6, 4193-4199.	1.7	23
144	Atomic layer deposition derived amorphous TiO2 thin film decorating graphene nanosheets with superior rate capability. Electrochemistry Communications, 2015, 57, 43-47.	2.3	61

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145	The enhanced anticoagulation for graphene induced by COOH+ ion implantation. Nanoscale Research Letters, 2015, 10, 14.	3.1	17
146	Superior lithium storage performance of hierarchical porous vanadium pentoxide nanofibers for lithium ion battery cathodes. Journal of Alloys and Compounds, 2015, 634, 50-57.	2.8	39
147	Oxygen-containing Functional Groups Enhancing Electrochemical Performance of Porous Reduced Graphene Oxide Cathode in Lithium Ion Batteries. Electrochimica Acta, 2015, 174, 762-769.	2.6	86
148	Electrospun SnO2â€“ZnO nanofibers with improved electrochemical performance as anode materials for lithium-ion batteries. International Journal of Hydrogen Energy, 2015, 40, 14338-14344.	3.8	50
149	Novel synthesis of tin oxide/graphene aerogel nanocomposites as anode materials for lithium ion batteries. Journal of Alloys and Compounds, 2015, 646, 1009-1014.	2.8	19
150	Tin Oxide/Graphene Aerogel Nanocomposites Building Superior Rate Capability for Lithium Ion Batteries. Electrochimica Acta, 2015, 176, 610-619.	2.6	40
151	Electrochemical Impedance Spectroscopy Illuminating Performance Evolution of Porous Coreâ€“Shell Structured Nickel/Nickel Oxide Anode Materials. Electrochimica Acta, 2015, 164, 55-61.	2.6	52
152	Controllable lithium storage performance of tin oxide anodes with various particle sizes. International Journal of Hydrogen Energy, 2015, 40, 14314-14321.	3.8	32
153	Novel understanding of carbothermal reduction enhancing electronic and ionic conductivity of Li₄Ti₅O₁₂ anode. Journal of Materials Chemistry A, 2015, 3, 11773-11781.	5.2	88
154	Electrochemical Changes in Lithium-Battery Electrodes Studied Using 7Li NMR and Enhanced 13C NMR of Graphene and Graphitic Carbons. Chemistry of Materials, 2015, 27, 3299-3305.	3.2	22
155	Controllable oxygenic functional groups of metal-free cathodes for high performance lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 11376-11386.	5.2	77
156	MOF-derived porous hollow Co₃O₄parallelepipeds for building high-performance Li-ion batteries. Journal of Materials Chemistry A, 2015, 3, 22542-22546.	5.2	101
157	Significant impact of 2D graphene nanosheets on large volume change tin-based anodes in lithium-ion batteries: A review. Journal of Power Sources, 2015, 274, 869-884.	4.0	343
158	Size-dependent surface phase change of lithium iron phosphate during carbon coating. Nature Communications, 2014, 5, 3415.	5.8	66
159	Graphene Nanoribbons Derived from the Unzipping of Carbon Nanotubes: Controlled Synthesis and Superior Lithium Storage Performance. Journal of Physical Chemistry C, 2014, 118, 881-890.	1.5	93
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