Xi-Fei Li

List of Publications by Year in descending order

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324 papers	21,302 citations	10070 75 h-index	15253 130 g-index
330 all docs	330 docs citations	330 times ranked	21509 citing authors

#	Article	IF	Citations
1	In-situ redox reaction derived porous nanosheets of MnO2 for supercapacitors. Materials Letters, 2022, 306, 130858.	1.3	8
2	Significant influence of controllable surface oxygen vacancies of CuO for enhancing sensitivity of glucose detection. Applied Surface Science, 2022, 574, 151649.	3.1	15
3	Time-frequency analysis of Li solid-phase diffusion in spherical active particles under typical discharge modes. Journal of Energy Chemistry, 2022, 67, 209-224.	7.1	9
4	Bifunctional Catalytic Effect of CoSe₂ for Lithiumâ€“Sulfur Batteries: Single Doping versus Dual Doping. Advanced Functional Materials, 2022, 32, 2107838.	7.8	70
5	Flexible core/shelled PPy@PANI nanotube porous films for hybrid supercapacitors. Nanotechnology, 2022, 33, 065407.	1.3	7
6	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
7	Insight into energy level modulation via Mn doping solid solutions for enhanced photocatalytic hydrogen production. Inorganic Chemistry Communication, 2022, 135, 109041.	1.8	5
8	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
9	VS4/multi-walled carbon nanotubes shell-core nanoarchitectures with interfacial V-C bonds for high-rate sodium-ion battery anode. Materials Letters, 2022, 308, 131282.	1.3	7
10	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
11	Sodium doping derived electromagnetic center of lithium layered oxide cathode materials with enhanced lithium storage. Nano Energy, 2022, 94, 106900.	8.2	57
12	Additive Manufacturing of Two-Dimensional Conductive Metalâ€“Organic Framework with Multidimensional Hybrid Architectures for High-Performance Energy Storage. Nano Letters, 2022, 22, 1198-1206.	4.5	21
13	Toward layered MoS₂ anode for harvesting superior lithium storage. RSC Advances, 2022, 12, 9917-9922.	1.7	0
14	Controlling Morphologies and Structures of PANI@Carbon with Superior Rate Performance for Supercapacitors. ACS Applied Energy Materials, 2022, 5, 4138-4148.	2.5	29
15	Controllable Intercalated Polyaniline Nanofibers Highly Enhancing the Utilization of Delaminated RuO₂ Nanosheets for Highâ€Performance Hybrid Supercapacitors. ChemElectroChem, 2022, 9, .	1.7	5
16	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
17	Heterogeneous Interface-Derived Engineered Electronic Structure of SiO with Enhanced Lithium Storage. ACS Applied Energy Materials, 2022, 5, 750-759.	2.5	2
18	Surface Reconstruction of Niâ€Rich Layered Cathodes: Inâ€‰Situ Doping versus Exâ€‰Situ Doping. Small Structures, 2022, 3, .	6.9	31

#	Article	IF	Citations
19	Dopingâ€Induced Electronic/Ionic Engineering to Optimize the Redox Kinetics for Potassium Storage: A Case Study of Niâ€Doped CoSe₂. Advanced Science, 2022, 9, e2200341.	5.6	67
20	Interfacial Mn Vacancy for Li-Rich Mn-Based Oxide Cathodes. ACS Applied Materials & Interfaces, 2022, 14, 22161-22169.	4.0	4
21	Enriching Oxygen Vacancy Defects via Agâ€“Oâ€“Mn Bonds for Enhanced Diffusion Kinetics of Î´-MnO₂ in Zinc-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 21159-21172.	4.0	21
22	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
23	Flexible and robust silicon/carbon nanotube anodes exhibiting high areal capacities. Journal of Colloid and Interface Science, 2022, 625, 871-878.	5.0	10
24	Carbon nanomaterials and their composites for supercapacitors. , 2022, 4, 950-985.		157
25	Amorphous NiP quantum dots as a robust electrocatalyst for oxygen evolution reaction. Materials Letters, 2022, 324, 132627.	1.3	0
26	Ion Motor as a New Universal Strategy for the Boosting the Performance of Zn-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 30839-30846.	4.0	9
27	A Highâ€Performance, Tailorable, Wearable, and Foldable Solidâ€State Supercapacitor Enabled by Arranging Pseudocapacitive Groups and MXene Flakes on Textile Electrode Surface. Advanced Functional Materials, 2021, 31, 2008185.	7.8	104
28	Nitrogen/sulphur dual-doped hierarchical carbonaceous fibers boosting potassium-ion storage. Journal of Energy Chemistry, 2021, 55, 420-427.	7.1	41
29	Recent progress and prospects of Li-CO2 batteries: Mechanisms, catalysts and electrolytes. Energy Storage Materials, 2021, 34, 148-170.	9.5	88
30	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
31	Porous graphene nanocages with wrinkled surfaces enhancing electrocatalytic activity of lithium/sulfuryl chloride batteries. RSC Advances, 2021, 11, 9469-9475.	1.7	1
32	Electrocatalytic activity enhancement of N,P-doped carbon nanosheets derived from polymerizable ionic liquids. Journal of Applied Electrochemistry, 2021, 51, 669-679.	1.5	6
33	The synthesis of carbon microspheres film composed of nanoâ€onions and its application as flexible supercapacitors. , 2021, 3, 509-518.		23
34	Direct coherent multi-ink printing of fabric supercapacitors. Science Advances, 2021, 7, .	4.7	95
35	Suppressing Dendrites via Interfacial Ionic Conductivity Regulation in Lithium Metal Batteries. Energy & Fuels, 2021, 35, 5333-5341.	2.5	7
36	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

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37	Efficient carbon-based electrocatalyst derived from biomass for hydrogen peroxide generation. Materials Today Communications, 2021, 26, 102051.	0.9	2
38	Rich Surface Oxygen Vacancies of MnO₂ for Enhancing Electrocatalytic Oxygen Reduction and Oxygen Evolution Reactions. Advanced Energy and Sustainability Research, 2021, 2, 2100030.	2.8	35
39	Constructing high-rate and long-life phosphorus/carbon anodes for potassium-ion batteries through rational nanoconfinement. Nano Energy, 2021, 83, 105772.	8.2	54
40	3D printing coaxial fiber electrodes towards boosting ultralong cycle life of fibrous supercapacitors. Electrochimica Acta, 2021, 380, 138220.	2.6	10
41	In Situ Surface Film Formed by Solidâ€State Anodic Oxidation for Stable Lithium Metal Anodes. Advanced Functional Materials, 2021, 31, 2101737.	7.8	12
42	Chemical Heterointerface Engineering on Hybrid Electrode Materials for Electrochemical Energy Storage. Small Methods, 2021, 5, e2100444.	4.6	62
43	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
44	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
45	A review of niobium oxides based nanocomposites for lithium-ion batteries, sodium-ion batteries and supercapacitors. Nano Energy, 2021, 85, 105955.	8.2	171
46	3D Melamine Sponge-Derived Cobalt Nanoparticle-Embedded N-Doped Carbon Nanocages as Efficient Electrocatalysts for the Oxygen Reduction Reaction. ACS Omega, 2021, 6, 20130-20138.	1.6	1
47	Controllable Heterojunctions with a Semicoherent Phase Boundary Boosting the Potassium Storage of CoSe₂/FeSe₂. Advanced Materials, 2021, 33, e2102471.	11.1	142
48	Double boosting single atom Feâ€“N4 sites for high efficiency O2 and CO2 electroreduction. Carbon, 2021, 182, 109-116.	5.4	39
49	Couple of Nonpolarized/Polarized Electrodes Building a New Universal Electrochemical Energy Storage System with an Impressive Energy Density. ACS Applied Materials & Interfaces, 2021, 13, 45375-45384.	4.0	23
50	Controllable Heterojunctions with a Semicoherent Phase Boundary Boosting the Potassium Storage of CoSe₂/FeSe₂ (Adv. Mater. 37/2021). Advanced Materials, 2021, 33, 2170288.	11.1	2
51	Optimized activation of Li2MnO3 effectively boosting rate capability of xLi2MnO3â‹™(1-x)LiMO2 cathode. Nano Energy, 2021, 88, 106240.	8.2	38
52	New insight into Li metal protection: Regulating the Li-ion flux via dielectric polarization. Nano Energy, 2021, 89, 106334.	8.2	13
53	FeSe₂/CoSe₂ Heterostructure with an Adjusting Electronic Structure for the Oxygen Evolution Reaction. ChemElectroChem, 2021, 8, 4745-4749.	1.7	4
54	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

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55	Fabrication of C@Mo Ti1â^'O2â^'Î´ nanocrystalline with functionalized interface as efficient and robust PtRu catalyst support for methanol electrooxidation. Journal of Energy Chemistry, 2020, 40, 7-14.	7.1	11
56	Ion association tailoring SEI composition for Li metal anode protection. Journal of Energy Chemistry, 2020, 45, 1-6.	7.1	46
57	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
58	Formation of hollow nanofiber rolls through controllable carbon diffusion for Li metal host. Carbon, 2020, 157, 622-630.	5.4	12
59	Significant effect of cations on polypyrrole cycle stability. Solid State Ionics, 2020, 346, 115216.	1.3	8
60	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
61	Uniform Î²-Na0.33V2O5 nanorod cathode providing superior rate capability for lithium ion batteries. Nanotechnology, 2020, 31, 094001.	1.3	2
62	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
63	(1â€¯1â€¯0)-Bridged nanoblocks self-assembled VS4 hollow microspheres as sodium-ion battery anode with superior rate capability and long cycling life. Chemical Engineering Journal, 2020, 384, 123385.	6.6	28
64	Emerging Layered Metallic Vanadium Disulfide for Rechargeable Metalâ€Ion Batteries: Progress and Opportunities. ChemSusChem, 2020, 13, 1172-1202.	3.6	27
65	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
66	Heterogeneous interface of Se@Sb@C boosting potassium storage. Nano Energy, 2020, 78, 105345.	8.2	51
67	Heterogeneous structured MoSe₂â€“MoO₃ quantum dots with enhanced sodium/potassium storage. Journal of Materials Chemistry A, 2020, 8, 23395-23403.	5.2	48
68	Engineering 2D Materials: A Viable Pathway for Improved Electrochemical Energy Storage. Advanced Energy Materials, 2020, 10, 2002621.	10.2	45
69	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
70	Controlling hydroxyl content of reduced graphene oxide for superior cathode performance of lithium sulfur batteries. Electrochimica Acta, 2020, 362, 137112.	2.6	17
71	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
72	An elaborate insight of lithiation behavior of V2O5 anode. Nano Energy, 2020, 78, 105233.	8.2	56

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73	Controllable S-Vacancies of monolayered Moâ€“S nanocrystals for highly harvesting lithium storage. Nano Energy, 2020, 78, 105235.	8.2	41
74	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
75	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
76	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
77	Recent Advances of Bimetallic Sulfide Anodes for Sodium Ion Batteries. Frontiers in Chemistry, 2020, 8, 353.	1.8	24
78	Elastic buffer structured Si/C microsphere anodes via polymerization-induced colloid aggregation. Chemical Communications, 2020, 56, 6770-6773.	2.2	20
79	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
80	MOF derived ZnSeâ€“FeSe2/RGO Nanocomposites with enhanced sodium/potassium storage. Journal of Power Sources, 2020, 455, 227937.	4.0	107
81	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
82	A promising p-type Coâ€“ZnFe₂O₄ nanorod film as a photocathode for photoelectrochemical water splitting. Chemical Communications, 2020, 56, 5279-5282.	2.2	20
83	Porous ZnTiO3 rods as a novel lithium storage material for Li-ion batteries. Ceramics International, 2020, 46, 14030-14037.	2.3	26
84	Printable Ink Design towards Customizable Miniaturized Energy Storage Devices. , 2020, 2, 1041-1056.		45
85	Nano-Zn2SnO4/Reduced Graphene Oxide Composites for enhanced photocatalytic performance. Materials Chemistry and Physics, 2020, 254, 123505.	2.0	11
86	Surface engineering of LiNi0.8Mn0.1Co0.1O2 towards boosting lithium storage: Bimetallic oxides versus monometallic oxides. Nano Energy, 2020, 77, 105034.	8.2	78
87	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
88	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
89	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
90	A review of mechanics-related material damages in all-solid-state batteries: Mechanisms, performance impacts and mitigation strategies. Nano Energy, 2020, 70, 104545.	8.2	65

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91	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
92	Î²-FeOOH Interlayer With Abundant Oxygen Vacancy Toward Boosting Catalytic Effect for Lithium Sulfur Batteries. Frontiers in Chemistry, 2020, 8, 309.	1.8	9
93	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
94	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
95	Progress in Functional Solid Electrolyte Interphases for Boosting Li Metal Anode. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2020, .	2.2	2
96	Review and prospect of NiCo2O4-based composite materials for supercapacitor electrodes. Journal of Energy Chemistry, 2019, 31, 54-78.	7.1	275
97	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
98	Exposing the photocorrosion mechanism and control strategies of a CuO photocathode. Inorganic Chemistry Frontiers, 2019, 6, 2488-2499.	3.0	59
99	Enhanced lithium/sodium storage of SnO2/Graphene aerogels nanocomposites. Materials Chemistry and Physics, 2019, 238, 121870.	2.0	5
100	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
101	One-dimensional porous Co3O4 rectangular rods for enhanced acetone gas sensing properties. Sensors and Actuators B: Chemical, 2019, 297, 126746.	4.0	44
102	Unveiling the Interfacial Instability of the Phosphorus/Carbon Anode for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 30763-30773.	4.0	26
103	2D elongated polyhedral-like YVO₄ films: a novel photoanode for photoelectrochemical water splitting. Chemical Communications, 2019, 55, 10468-10471.	2.2	10
104	Superior Selectivity and Tolerance towards Metalâ€Ion Impurities of a Fe/N/C Catalyst for CO₂ Reduction. ChemSusChem, 2019, 12, 3988-3995.	3.6	20
105	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
106	Enhanced Kinetics over VS₄ Microspheres with Multidimensional Na⁺ Transfer Channels for Highâ€Rate Naâ€Ion Battery Anodes. ChemSusChem, 2019, 12, 5183-5191.	3.6	24
107	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
108	A Review of Carbon-Based Materials for Safe Lithium Metal Anodes. Frontiers in Chemistry, 2019, 7, 721.	1.8	30

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109	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
110	1D WO 3 Nanorods/2D WO 3â^' x Nanoflakes Homojunction Structure for Enhanced Charge Separation and Transfer towards Efficient Photoelectrochemical Performance. ChemSusChem, 2019, 12, 5282-5290.	3.6	47
111	Batteries: Controllable Cathodeâ€“Electrolyte Interface of Li[Ni_{0.8}Co_{0.1}Mn_{0.1}]O₂ for Lithium Ion Batteries: A Review (Adv. Energy Mater. 39/2019). Advanced Energy Materials, 2019, 9, 1970151.	10.2	15
112	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
113	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
114	Oneâ€Step Interfacial Functionalization and Synthesis of Moâ€“Modified TiO 2 Nanocrystalline as Composite PtRu Anode Catalyst Support for DMFCs. ChemistrySelect, 2019, 4, 5055-5063.	0.7	1
115	Ultrathin Rh nanosheets as a highly efficient bifunctional electrocatalyst for isopropanol-assisted overall water splitting. Nanoscale, 2019, 11, 9319-9326.	2.8	97
116	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
117	Novel amorphous CoSnO3@rGO nanocomposites highly enhancing sodium storage. Electrochimica Acta, 2019, 316, 236-247.	2.6	22
118	Polyethylenimine-modified nickel phosphide nanosheets: interfacial protons boost the hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 13770-13776.	5.2	69
119	A nanoarchitectured Na₆Fe₅(SO₄)₈/CNTs cathode for building a low-cost 3.6ÂV sodium-ion full battery with superior sodium storage. Journal of Materials Chemistry A, 2019, 7, 14656-14669.	5.2	51
120	A double-walled carbon nanotubes conducting wire prepared by dip-coating. Materials Research Express, 2019, 6, 0950b7.	0.8	3
121	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
122	Grapheneâ€Encapsulated Co₉S₈ Nanoparticles on N,Sâ€Codoped Carbon Nanotubes: An Efficient Bifunctional Oxygen Electrocatalyst. ChemSusChem, 2019, 12, 3390-3400.	3.6	43
123	Improved photoelectrochemical response of CuWO4/BiOI p-n heterojunction embedded with plasmonic Ag nanoparticles. Chemical Engineering Journal, 2019, 370, 218-227.	6.6	72
124	Carbonâ€Coated and Interfacialâ€Functionalized Mixedâ€Phase Mo x Ti 1â^' x O 2â€Î´ Nanotubes as Highly Active and Durable PtRu Catalyst Support for Methanol Electrooxidation. Chemistry - an Asian Journal, 2019, 14, 1549-1556.	1.7	2
125	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
126	Recent advancements of polyaniline-based nanocomposites for supercapacitors. Journal of Power Sources, 2019, 424, 108-130.	4.0	305

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127	The influence of the pore structure on the SO2 tolerance for selective catalytic reduction of NOx with NH3 over MnOx-TiO2/MWCNTs catalysts. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	2
128	Hierarchically stacked reduced graphene oxide/carbon nanotubes for as high performance anode for sodium-ion batteries. Electrochimica Acta, 2019, 302, 65-70.	2.6	36
129	Interlayer Material Selection for Lithium-Sulfur Batteries. Joule, 2019, 3, 361-386.	11.7	406
130	Superior Sodium Storage of Carbon-Coated NaV₆O₁₅ Nanotube Cathode: Pseudocapacitance Versus Intercalation. ACS Applied Materials & Interfaces, 2019, 11, 10631-10641.	4.0	35
131	Mesoporous ZnCo₂O₄/rGO nanocomposites enhancing sodium storage. Nanotechnology, 2019, 30, 234005.	1.3	9
132	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
133	Enhanced capacitance of boron-doped graphene aerogels for aqueous symmetric supercapacitors. Applied Surface Science, 2019, 475, 285-293.	3.1	70
134	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
135	Nitrogen-doped CoOx/carbon nanotubes derived by plasma-enhanced atomic layer deposition: Efficient bifunctional electrocatalyst for oxygen reduction and evolution reactions. Electrochimica Acta, 2019, 296, 964-971.	2.6	30
136	Biomass-derived nanostructured porous carbons for sodium ion batteries: a review. Materials Technology, 2019, 34, 232-245.	1.5	47
137	Flexible Sub-Micro Carbon Fiber@CNTs as Anodes for Potassium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 5015-5021.	4.0	69
138	Zn1â^'xCdxS nanowall photoanode prepared via seed layer epitaxial growth method and modified by dual co-catalyst for photoelectrochemical water splitting. Applied Surface Science, 2019, 467-468, 65-74.	3.1	18
139	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
140	Constructing chinky zinc oxide hierarchical hexahedrons for highly sensitive formaldehyde gas detection. Journal of Alloys and Compounds, 2019, 775, 402-410.	2.8	26
141	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
142	High-performance self-assembly MnCo2O4 nanosheets for asymmetric supercapacitors. Journal of Energy Chemistry, 2019, 37, 66-72.	7.1	80
143	Nitrogen-doping of graphene enhancing sodium storage of SnO2 anode. Journal of Electroanalytical Chemistry, 2019, 833, 340-348.	1.9	12
144	A water-based mixing process for fabricating ZIF-8/PEG mixed matrix membranes with efficient desulfurization performance. Separation and Purification Technology, 2019, 214, 61-66.	3.9	30

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145	Three-Dimensional Core-Branch Î±-Fe2O3@NiO/Carbon Cloth Heterostructured Electrodes for Flexible Supercapacitors. Frontiers in Chemistry, 2019, 7, 887.	1.8	15
146	Effect of K-Doping on the Sodium-storage Performance of Sodium Vanadate Nanoplates. Acta Chimica Sinica, 2019, 77, 625.	0.5	4
147	Controlling the Growth of Ni₃S₂ Anode with Tunable Sodium Storage. Advanced Materials Interfaces, 2018, 5, 1701684.	1.9	10
148	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
149	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
150	Facile strategy to fabricate Na2Li2Ti6O14@Li0.33La0.56TiO3 composites as promising anode materials for lithium-ion battery. Ceramics International, 2018, 44, 12273-12281.	2.3	13
151	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
152	Recent Advances in Layered Ti₃C₂T_x MXene for Electrochemical Energy Storage. Small, 2018, 14, e1703419.	5.2	729
153	Paulownia tomentosa derived porous carbon with enhanced sodium storage. Journal of Materials Research, 2018, 33, 1236-1246.	1.2	12
154	Promising Dual-Doped Graphene Aerogel/SnS₂ Nanocrystal Building High Performance Sodium Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 2637-2648.	4.0	185
155	Hydrothermal preparation of hierarchical SnO2 microsphere for efficient dye-sensitized solar cells. Materials Chemistry and Physics, 2018, 207, 141-146.	2.0	9
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