Xing-Long Wu

List of Publications by Year
in descending order

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278 papers	19,972 citations	10351 72 h-index	13338 130 g-index
288 all docs	288 docs citations	288 times ranked	16234 citing authors

#	Article	IF	Citations
1	A Poreâ€Forming Strategy Toward Porous Carbonâ€Based Substrates for High Performance Flexible Lithium Metal Full Batteries. Energy and Environmental Materials, 2023, 6, .	7.3	8
2	Flexible quasi-solid-state sodium-ion full battery with ultralong cycle life, high energy density and high-rate capability. Nano Research, 2022, 15, 925-932.	5.8	75
3	SbPS4: A novel anode for high-performance sodium-ion batteries. Chinese Chemical Letters, 2022, 33, 470-474.	4.8	62
4	Advanced cathode materials in dualâ€ion batteries: Progress and prospect. Electrochemical Science Advances, 2022, 2, e2100127.	1.2	9
5	Progresses in Sustainable Recycling Technology of Spent Lithiumâ€ion Batteries. Energy and Environmental Materials, 2022, 5, 1012-1036.	7.3	131
6	A unique co-recovery strategy of cathode and anode from spent LiFePO4 battery. Science China Materials, 2022, 65, 637-645.	3.5	46
7	An advanced cathode composite for co-utilization of cations and anions in lithium batteries. Journal of Materials Science and Technology, 2022, 102, 72-79.	5.6	69
8	Confined MoS2 growth in a unique composite matrix for ultra-stable and high-rate lithium/sodium-ion anodes. Chemical Engineering Journal, 2022, 428, 131103.	6.6	25
9	Concurrent recycling chemistry for cathode/anode in spent graphite/LiFePO4 batteries: Designing a unique cation/anion-co-workable dual-ion battery. Journal of Energy Chemistry, 2022, 64, 166-171.	7.1	92
10	Enhanced electrode kinetics and properties via anionic regulation in polyanionic Na3+xV2(PO4)3â^'x(P2O7)x cathode material. Green Energy and Environment, 2022, 7, 763-771.	4.7	47
11	Regulating Li nucleation/growth via implanting lithiophilic seeds onto flexible scaffolds enables highly stable Li metal anode. Journal of Colloid and Interface Science, 2022, 609, 606-616.	5.0	12
12	Localized Electron Density Redistribution in Fluorophosphate Cathode: Dangling Anion Regulation and Enhanced Naâ€ion Diffusivity for Sodiumâ€ion Batteries. Advanced Functional Materials, 2022, 32, 2109694.	7.8	24
13	Advanced cathode for dual-ion batteries: Waste-to-wealth reuse of spent graphite from lithium-ion batteries. EScience, 2022, 2, 95-101.	25.0	64
14	Mesoporous N-doped carbon-coated CoSe nanocrystals encapsulated in S-doped carbon nanosheets as advanced anode with ultrathin solid electrolyte interphase for high-performance sodium-ion half/full batteries. Journal of Materials Chemistry A, 2022, 10, 2113-2121.	5.2	27
15	A low-surface-energy design to allogeneic sulfide heterostructures anchored on ultrathin graphene sheets for fast sodium storage. Chemical Engineering Journal, 2022, 432, 134195.	6.6	6
16	Localized Electron Density Redistribution in Fluorophosphate Cathode: Dangling Anion Regulation and Enhanced Naâ€ion Diffusivity for Sodiumâ€ion Batteries (Adv. Funct. Mater. 4/2022). Advanced Functional Materials, 2022, 32, .	7.8	0
17	Covalent Organic Framework with Highly Accessible Carbonyls and Ï€â€Cation Effect for Advanced Potassiumâ€ion Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	112
18	Covalent Organic Framework with Highly Accessible Carbonyls and Ï€â€Cation Effect for Advanced Potassiumâ€ion Batteries. Angewandte Chemie, 2022, 134, e202117661.	1.6	11

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19	Deciphering the Role of Fluoroethylene Carbonate towards Highly Reversible Sodium Metal Anodes. Research, 2022, 2022, 9754612.	2.8	23
20	Anderson localization and multifractal spectrum at the transition point in a two-dimensional non-Hermitian Allâ€ system. Journal of Physics Condensed Matter, 2022, , .	0.7	2
21	An Advanced Highâ€Entropy Fluorophosphate Cathode for Sodiumâ€Ion Batteries with Increased Working Voltage and Energy Density. Advanced Materials, 2022, 34, e2110108.	11.1	125
22	Magnesium-regulated oxygen vacancies of cobalt-nickel layered double hydroxide nanosheets for ultrahigh performance asymmetric supercapacitors. Journal of Colloid and Interface Science, 2022, 612, 772-781.	5.0	36
23	Frontispiece: Covalent Organic Framework with Highly Accessible Carbonyls and Ï€â€Cation Effect for Advanced Potassiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	5
24	Allâ€Climate and Ultrastable Dualâ€Ion Batteries with Long Life Achieved via Synergistic Enhancement of Cathode and Anode Interfaces. Advanced Functional Materials, 2022, 32, .	7.8	60
25	Frontispiz: Covalent Organic Framework with Highly Accessible Carbonyls and Ï€â€Cation Effect for Advanced Potassiumâ€Ion Batteries. Angewandte Chemie, 2022, 134, .	1.6	1
26	Advanced polyanionic electrode materials for potassium-ion batteries: Progresses, challenges and application prospects. Materials Today, 2022, 54, 189-201.	8.3	88
27	Natural ore molybdenite as a high-capacity and cheap anode material for advanced lithium-ion capacitors. Nanotechnology, 2022, 33, 255401.	1.3	1
28	An Advanced Highâ€Entropy Fluorophosphate Cathode for Sodiumâ€Ion Batteries with Increased Working Voltage and Energy Density (Adv. Mater. 14/2022). Advanced Materials, 2022, 34, .	11.1	9
29	Tetrafunctional template-assisted strategy to preciously construct co-doped Sb@C nanofiber with longitudinal tunnels for ultralong-life and high-rate sodium storage. Energy Storage Materials, 2022, 48, 90-100.	9.5	27
30	Heterogeneous interface in hollow ferroferric oxide/ iron phosphide@carbon spheres towards enhanced Li storage. Journal of Colloid and Interface Science, 2022, 617, 442-453.	5.0	15
31	Sustainable development of graphitic carbon nanosheets from plastic wastes with efficient photothermal energy conversion for enhanced solar evaporation. Journal of Materials Chemistry A, 2022, 10, 19612-19617.	5.2	21
32	Uniform Zn²⁺ Flux Distribution Achieved by an Artificial Three-Dimensional Framework: The Enhanced Ion-Transfer Kinetics for Long-Life and Dendrite-Free Zn Anodes. ACS Applied Materials & Interfaces, 2022, 14, 23558-23569.	4.0	8
33	Regulating the Li Nucleation/Growth Behavior via Cu₂O Nanowire Array and Artificial Solid Electrolyte Interphase toward Highly Stable Li Metal Anode. ACS Applied Materials & Interfaces, 2022, 14, 23588-23596.	4.0	10
34	Advanced Lithium Primary Batteries: Key Materials, Research Progresses and Challenges. Chemical Record, 2022, 22, e202200081.	2.9	5
35	Enabling high-performance all-solid-state hybrid-ion batteries with a PEO-based electrolyte. Chemical Communications, 2022, 58, 6813-6816.	2.2	14
36	Polymeric Molecular Design Towards Horizontal Zn Electrodeposits at Constrained 2D Zn²⁺ Diffusion: Dendriteâ€Free Zn Anode for Longâ€Life and Highâ€Rate Aqueous Zinc Metal Battery. Advanced Functional Materials, 2022, 32, .	7.8	84

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37	Toward High Temperature Sodium Metal Batteries via Regulating the Electrolyte/Electrode Interfacial Chemistries. ACS Energy Letters, 2022, 7, 2032-2042.	8.8	37
38	Prospects for managing endâ€ofâ€life lithiumâ€ion batteries: Present and future. , 2022, 1, 417-433.		66
39	Ion sieve membrane: Homogenizing Li+ flux and restricting polysulfides migration enables long life and highly stable Li-S battery. Journal of Colloid and Interface Science, 2022, 627, 730-738.	5.0	10
40	Advanced flame-retardant electrolyte for highly stabilized K-ion storage in graphite anode. Science Bulletin, 2022, 67, 1581-1588.	4.3	57
41	Nano-SnO2 Decorated Carbon Cloth as Flexible, Self-supporting and Additive-Free Anode for Sodium/Lithium-Ion Batteries. Acta Metallurgica Sinica (English Letters), 2021, 34, 390-400.	1.5	61
42	Large-scale Ni-MOF derived Ni3S2 nanocrystals embedded in N-doped porous carbon nanoparticles for high-rate Na+ storage. Chinese Chemical Letters, 2021, 32, 895-899.	4.8	66
43	A sandwich nanocomposite composed of commercially available SnO and reduced graphene oxide as advanced anode materials for sodium-ion full batteries. Inorganic Chemistry Frontiers, 2021, 8, 396-404.	3.0	18
44	Enhanced electrode kinetics and electrochemical properties of low-cost NaFe2PO4(SO4)2 via Ca2+ doping as cathode material for sodium-ion batteries. Journal of Materials Science and Technology, 2021, 78, 176-182.	5.6	70
45	Tempura-like carbon/carbon composite as advanced anode materials for K-ion batteries. Journal of Energy Chemistry, 2021, 59, 589-598.	7.1	62
46	Stateâ€ofâ€theâ€Art Progress in Diverse Black Phosphorusâ€Based Structures: Basic Properties, Synthesis, Stability, Photoâ€and Electrocatalysisâ€Driven Energy Conversion. Advanced Functional Materials, 2021, 31, 2005197.	7.8	40
47	Dual anionic substitution engineering for an advanced NASICON phosphate cathode in sodium-ion batteries. Materials Chemistry Frontiers, 2021, 5, 5671-5678.	3.2	4
48	Waste utilization of crab shell: 3D hierarchical porous carbon towards high-performance Na/Li storage. New Journal of Chemistry, 2021, 45, 19439-19445.	1.4	6
49	Addressing the Low Solubility of a Solid Electrolyte Interphase Stabilizer in an Electrolyte by Composite Battery Anode Design. ACS Applied Materials & Interfaces, 2021, 13, 13354-13361.	4.0	23
50	Highâ€ionicity fluorophosphate lattice via aliovalent substitution as advanced cathode materials in sodiumâ€ion batteries. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 694-704.	8.5	107
51	Engineering Allâ€Purpose Amorphous Carbon Nanotubes with High N/Oâ€Coâ€Doping Content to Bridge the Alkaliâ€ion Batteries and Li Metal Batteries. Small, 2021, 17, e2006566.	5.2	19
52	Proton-Conducting Polyoxometalates as Redox Electrolytes Synergistically Boosting the Performance of Self-Healing Solid-State Supercapacitors with Polyaniline. CCS Chemistry, 2021, 3, 1649-1658.	4.6	21
53	The Improved Interfacial and Thermal Stability of Nickelâ€Rich LiNi_{0.85}Co_{0.10}Mn_{0.05}O₂ Cathode in Liâ€ion Battery via Perovskite La₄NiLiO₈ Coating. ChemNanoMat, 2021, 7, 672-681.	1.5	3
54	Spatial confinement of vertical arrays of lithiophilic SnS2 nanosheets enables conformal Li nucleation/growth towards dendrite-free Li metal anode. Energy Storage Materials, 2021, 36, 504-513.	9.5	66

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55	Boron-doped Sb/SbO₂@rGO composites with tunable components and enlarged lattice spacing for high-rate sodium-ion batteries. Journal Physics D: Applied Physics, 2021, 54, 315505.	1.3	4
56	Sustainable and Robust Graphene Cellulose Paper Decorated with Lithiophilic Au Nanoparticles to Enable Dendriteâ€free and Highâ€Power Lithium Metal Anode. Chemistry - A European Journal, 2021, 27, 8168-8177.	1.7	7
57	Robust Electrodes for Flexible Energy Storage Devices Based on Bimetallic Encapsulated Coreâ€“Multishell Structures. Advanced Science, 2021, 8, e2100911.	5.6	8
58	Homogeneous Li⁺ Flux Distribution Enables Highly Stable and Temperatureâ€Tolerant Lithium Anode. Advanced Functional Materials, 2021, 31, 2102158.	7.8	41
59	Aliovalentâ€Ionâ€Induced Lattice Regulation Based on Charge Balance Theory: Advanced Fluorophosphate Cathode for Sodiumâ€Ion Full Batteries. Small, 2021, 17, e2102010.	5.2	23
60	Electrolyte Chemistry Towards Improved Cycling Stability in Naâ€Based Dualâ€Ion Batteries with Highâ€Power/Energy Storage. Batteries and Supercaps, 2021, 4, 1647.	2.4	6
61	In Situ Growth of 3D Lamellar Mn(OH)₂ on CuO-Coated Carbon Cloth for Flexible Asymmetric Supercapacitors with a High Working Voltage of 2.4 V. ACS Sustainable Chemistry and Engineering, 2021, 9, 13385-13394.	3.2	10
62	Manipulation of Molecular Qubits by Isotope Effect on Spin Dynamics. CCS Chemistry, 2021, 3, 2548-2556.	4.6	8
63	[Co₃(Î¼₃-O)]-Based Metalâ€“Organic Frameworks as Advanced Anode Materials in K- and Na-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 46902-46908.	4.0	34
64	3D Ordered Porous Hybrid of ZnSe/Nâ€doped Carbon with Anomalously High Na⁺ Mobility and Ultrathin Solid Electrolyte Interphase for Sodiumâ€Ion Batteries. Advanced Functional Materials, 2021, 31, 2106194.	7.8	66
65	Knocking down the kinetic barriers towards fast-charging and low-temperature sodium metal batteries. Energy and Environmental Science, 2021, 14, 4936-4947.	15.6	96
66	Sponge-like NaFe₂PO₄(SO₄)₂@rGO as a high-performance cathode material for sodium-ion batteries. New Journal of Chemistry, 2021, 45, 4854-4859.	1.4	7
67	Pseudocapacitive sodium storage in a new brand foveolate TiO₂@MoSe₂ nanocomposite for high-performance Na-ion hybrid capacitors. Journal of Materials Chemistry A, 2021, 9, 24419-24425.	5.2	7
68	Etherâ€Based Electrolyte Chemistry Towards Highâ€Voltage and Longâ€Life Naâ€Ion Full Batteries. Angewandte Chemie - International Edition, 2021, 60, 26837-26846.	7.2	147
69	N-doped Porous Host with Lithiophilic Co Nanoparticles Implanted into 3D Carbon Nanotubes for Dendrite-Free Lithium Metal Anodes. ACS Applied Energy Materials, 2021, 4, 12871-12881.	2.5	14
70	One-dimensional coreâ€“shell motif nanowires with chemically-bonded transition metal sulfide-carbon heterostructures for efficient sodium-ion storage. Chemical Science, 2021, 12, 15054-15060.	3.7	23
71	Air/water/temperature-stable cathode for all-climate sodium-ion batteries. Cell Reports Physical Science, 2021, 2, 100665.	2.8	86
72	In Situ Network Electrolyte Based on a Functional Polymerized Ionic Liquid with High Conductivity toward Lithium Metal Batteries. ACS Applied Energy Materials, 2021, 4, 14755-14765.	2.5	21

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73	3D Ordered Porous Hybrid of ZnSe/Nâ€doped Carbon with Anomalously High Na⁺ Mobility and Ultrathin Solid Electrolyte Interphase for Sodiumâ€Ion Batteries (Adv. Funct. Mater.) Tj ETQq1 1 0.784314 rgBT /Overloc		
74	Hierarchical porous carbon pellicles: Electrospinning synthesis and applications as anodes for sodium-ion batteries with an outstanding performance. Carbon, 2020, 157, 308-315.	5.4	32
75	Micro/Nanoengineered Î±â€Fe 2 O 3 Nanoaggregate Conformably Enclosed by Ultrathin Nâ€Doped Carbon Shell for Ultrastable Lithium Storage and Insight into Phase Evolution Mechanism. Chemistry - A European Journal, 2020, 26, 853-862.	1.7	12
76	Pseudocapacitive sodium storage of Fe1â^'xS@N-doped carbon for low-temperature operation. Science China Materials, 2020, 63, 505-515.	3.5	35
77	Research Progresses on Interfaces in Solidâ€State Sodium Batteries: A Topic Review. Advanced Materials Interfaces, 2020, 7, 2001444.	1.9	23
78	In situ chemically encapsulated and controlled SnS₂ nanocrystal composites for durable lithium/sodium-ion batteries. Dalton Transactions, 2020, 49, 15874-15882.	1.6	6
79	MnS@N,S Coâ€Doped Carbon Core/Shell Nanocubes: Sulfurâ€Bridged Bonds Enhanced Naâ€Storage Properties Revealed by In Situ Raman Spectroscopy and Transmission Electron Microscopy. Small, 2020, 16, e2003001.	5.2	42
80	Waste-to-wealth: low-cost hard carbon anode derived from unburned charcoal with high capacity and long cycle life for sodium-ion/lithium-ion batteries. Electrochimica Acta, 2020, 361, 137041.	2.6	51
81	Robust three-dimensional carbon conductive network in a NaVPO₄F cathode used for superior high-rate and ultralong-lifespan sodium-ion full batteries. Journal of Materials Chemistry A, 2020, 8, 17454-17462.	5.2	45
82	High-Rate and Long-Cycle Cathode for Sodium-Ion Batteries: Enhanced Electrode Stability and Kinetics via Binder Adjustment. ACS Applied Materials & Interfaces, 2020, 12, 47580-47589.	4.0	29
83	Regulation of Cathodeâ€Electrolyte Interphase via Electrolyte Additives in Lithium Ion Batteries. Chemistry - an Asian Journal, 2020, 15, 2803-2814.	1.7	30
84	Temperatureâ€Dependent Electrochemical Properties and Electrode Kinetics of Na₃V₂(PO₄)₂O₂F Cathode for Sodiumâ€Ion Batteries with High Energy Density. Chemistry - A European Journal, 2020, 26, 7823-7830.	1.7	43
85	Target encapsulating NiMoO4 nanocrystals into 1D carbon nanofibers as free-standing anode material for lithium-ion batteries with enhanced cycle performance. Journal of Alloys and Compounds, 2020, 830, 154648.	2.8	19
86	Isostructural and Multivalent Anion Substitution toward Improved Phosphate Cathode Materials for Sodiumâ€Ion Batteries. Small, 2020, 16, e1907645.	5.2	69
87	Controlling Electron Spin Decoherence in Nd-based Complexes via Symmetry Selection. IScience, 2020, 23, 100926.	1.9	11
88	Sb&Sb₂O₃@C-enhanced flexible carbon cloth as an advanced self-supporting anode for sodium-ion batteries. New Journal of Chemistry, 2020, 44, 4719-4725.	1.4	10
89	Pseudocapacitive Lithium Storage of Cauliflowerâ€Like CoFe₂O₄ for Lowâ€Temperature Battery Operation. Chemistry - A European Journal, 2020, 26, 13652-13658.	1.7	8
90	Carbon-coating-increased working voltage and energy density towards an advanced Na3V2(PO4)2F3@C cathode in sodium-ion batteries. Science Bulletin, 2020, 65, 702-710.	4.3	197

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91	Doubleâ€Carbon Enhanced TiO 2 Nanotubes as Highly Improved Anodes for Sodiumâ€Ion Batteries. ChemistrySelect, 2020, 5, 3820-3827.	0.7	7
92	Bridging the immiscibility of an all-fluoride fire extinguishant with highly-fluorinated electrolytes toward safe sodium metal batteries. Energy and Environmental Science, 2020, 13, 1788-1798.	15.6	120
93	Construction of Bimetallic Selenides Encapsulated in Nitrogen/Sulfur Coâ€Doped Hollow Carbon Nanospheres for Highâ€Performance Sodium/Potassiumâ€Ion Half/Full Batteries. Small, 2020, 16, e1907670.	5.2	74
94	3D Carbon Networks Constructed NaVPO4F/C/rGO as a Cathode Material for High-Performance Sodium-Ion Batteries. Frontiers in Energy Research, 2020, 8, .	1.2	7
95	Full pseudocapacitive behavior hypoxic graphene for ultrafast and ultrastable sodium storage. Journal of Materials Chemistry A, 2020, 8, 9911-9918.	5.2	5
96	A new polyoxometalate-resorcin[4]arene-based framework as an efficient anode material for lithium-ion batteries. Journal of Alloys and Compounds, 2020, 835, 155314.	2.8	8
97	Sodium-based dual-ion batteries via coupling high-capacity selenium/graphene anode with high-voltage graphite cathode. Chinese Chemical Letters, 2020, 31, 2314-2318.	4.8	37
98	Sodiumâ€Ion Batteries: Isostructural and Multivalent Anion Substitution toward Improved Phosphate Cathode Materials for Sodiumâ€Ion Batteries (Small 16/2020). Small, 2020, 16, 2070090.	5.2	0
99	Feasible engineering of cathode electrolyte interphase enables the profoundly improved electrochemical properties in dual-ion battery. Journal of Energy Chemistry, 2020, 50, 416-423.	7.1	90
100	Fe3O4 nanoflakes-RGO composites: A high rate anode material for lithium-ion batteries. Applied Surface Science, 2020, 511, 145465.	3.1	32
101	Rationally designed nitrogen-doped yolk-shell Fe7Se8/Carbon nanoboxes with enhanced sodium storage in half/full cells. Carbon, 2020, 166, 175-182.	5.4	39
102	Encapsulation of Na3(VO)2(PO4)2F into carbon nanofiber as an superior cathode material for flexible sodium-ion capacitors with high-energy-density and low-self-discharge. Journal of Power Sources, 2020, 466, 228249.	4.0	28
103	Nanoconstruction and nanoeffect of phosphate-based cathode materials for advanced sodium-ion batteries. Nano Futures, 2020, 4, 042001.	1.0	9
104	Recent progresses and challenges of metal sulfides as advanced anode materials in rechargeable sodium-ion batteries. JPhys Materials, 2020, 3, 042004.	1.8	16
105	Research Progresses on Vanadium-based Cathode Materials for Aqueous Zinc-Ion Batteries. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2020, .	2.2	37
106	Selfâ€Supporting, Flexible, Additiveâ€Free, and Scalable Hard Carbon Paper Selfâ€Interwoven by 1D Microbelts: Superb Room/Lowâ€Temperature Sodium Storage and Working Mechanism. Advanced Materials, 2019, 31, e1903125.	11.1	184
107	Compactly Coupled Nitrogenâ€Doped Carbon Nanosheets/Molybdenum Phosphide Nanocrystal Hollow Nanospheres as Polysulfide Reservoirs for Highâ€Performance Lithiumâ€“Sulfur Chemistry. Small, 2019, 15, e1902491.	5.2	74
108	2D Fe ₂ O ₃ nanosheets with bi-continuous pores inherited from Fe-MOF precursors: an advanced anode material for Li-ion half/full batteries. 2D Materials, 2019, 6, 045022.	2.0	23

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109	A cation/anion-dually active metal-organic complex with 2D lamellar structure as anode material for Li/Na-ion batteries. Materials Today Energy, 2019, 13, 302-307.	2.5	20
110	Recycled LiMn2O4 from the spent lithium ion batteries as cathode material for sodium ion batteries: Electrochemical properties, structural evolution and electrode kinetics. Electrochimica Acta, 2019, 320, 134626.	2.6	50
111	Dendrite-free deposition on lithium anode toward long-life and high-stable Li//graphite dual-ion battery. Chemical Communications, 2019, 55, 8406-8409.	2.2	24
112	Sodiumâ€Ion Batteries: Selfâ€Supporting, Flexible, Additiveâ€Free, and Scalable Hard Carbon Paper Selfâ€Interwoven by 1D Microbelts: Superb Room/Lowâ€Temperature Sodium Storage and Working Mechanism (Adv. Mater. 40/2019). Advanced Materials, 2019, 31, 1970288.	11.1	2
113	Flexible Batteries: Flexible Na/Kâ€Ion Full Batteries from the Renewable Cotton Clothâ€“Derived Stable, Lowâ€Cost, and Binderâ€Free Anode and Cathode (Adv. Energy Mater. 38/2019). Advanced Energy Materials, 2019, 9, 1970149.	10.2	1
114	Lithiumâ€“Sulfur Batteries: Compactly Coupled Nitrogenâ€Doped Carbon Nanosheets/Molybdenum Phosphide Nanocrystal Hollow Nanospheres as Polysulfide Reservoirs for Highâ€Performance Lithiumâ€“Sulfur Chemistry (Small 40/2019). Small, 2019, 15, 1970216.	5.2	1
115	Targeted Construction of Amorphous MoS_x with an Inherent Chain Molecular Structure for Improved Pseudocapacitive Lithiumâ€Ion Response. Chemistry - A European Journal, 2019, 25, 15173-15181.	1.7	5
116	Flexible Na/Kâ€Ion Full Batteries from the Renewable Cotton Clothâ€“Derived Stable, Lowâ€Cost, and Binderâ€Free Anode and Cathode. Advanced Energy Materials, 2019, 9, 1902056.	10.2	64
117	An FeP@C nanoarray vertically grown on graphene nanosheets: an ultrastable Li-ion battery anode with pseudocapacitance-boosted electrochemical kinetics. Nanoscale, 2019, 11, 1304-1312.	2.8	53
118	2D few-layer iron phosphosulfide: a self-buffer heterophase structure induced by irreversible breakage of Pâ€“S bonds for high-performance lithium/sodium storage. Journal of Materials Chemistry A, 2019, 7, 1529-1538.	5.2	48
119	Pore-size dominated electrochemical properties of covalent triazine frameworks as anode materials for K-ion batteries. Chemical Science, 2019, 10, 7695-7701.	3.7	84
120	Ionic-liquid-bifunctional wrapping of ultrafine SnO₂ nanocrystals into N-doped graphene networks: high pseudocapacitive sodium storage and high-performance sodium-ion full cells. Nanoscale, 2019, 11, 14616-14624.	2.8	25
121	High-Voltage All-Solid-State Na-Ion-Based Full Cells Enabled by All NASICON-Structured Materials. ACS Applied Materials & Interfaces, 2019, 11, 24192-24197.	4.0	25
122	Benign Recycling of Spent Batteries towards Allâ€Solidâ€State Lithium Batteries. Chemistry - A European Journal, 2019, 25, 8975-8981.	1.7	26
123	Micron-scaled MoS2/N-C particles with embedded nano-MoS2: A high-rate anode material for enhanced lithium storage. Applied Surface Science, 2019, 486, 519-526.	3.1	8
124	P2-type Na2/3Mn1/2Co1/3Cu1/6O2 as advanced cathode material for sodium-ion batteries: Electrochemical properties and electrode kinetics. Journal of Alloys and Compounds, 2019, 790, 1092-1100.	2.8	26
125	Hierarchically porous nanosheets-constructed 3D carbon network for ultrahigh-capacity supercapacitor and battery anode. Nanotechnology, 2019, 30, 214002.	1.3	12
126	Precisely controlled preparation of an advanced Na₃V₂(PO₄)₂O₂F cathode material for sodium ion batteries: the optimization of electrochemical properties and electrode kinetics. Inorganic Chemistry Frontiers, 2019, 6, 988-995.	3.0	43

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127	Dualâ€Carbon Enhanced FeP Nanorods Vertically Grown on Carbon Nanotubes with Pseudocapacitanceâ€Boosted Electrochemical Kinetics for Superior Lithium Storage. Advanced Electronic Materials, 2019, 5, 1900006.	2.6	16
128	Carbon/Binderâ€Free NiO@NiO/NF with In Situ Formed Interlayer for Highâ€Arealâ€Capacity Lithium Storage. Advanced Energy Materials, 2019, 9, 1803690.	10.2	44
129	Tailoring Coral-Like Fe₇Se₈@C for Superior Low-Temperature Li/Na-Ion Half/Full Batteries: Synthesis, Structure, and DFT Studies. ACS Applied Materials & Interfaces, 2019, 11, 47886-47893.	4.0	35
130	Staging Na/K-ion de-/intercalation of graphite retrieved from spent Li-ion batteries: in operando X-ray diffraction studies and an advanced anode material for Na/K-ion batteries. Energy and Environmental Science, 2019, 12, 3575-3584.	15.6	189
131	A carbon-incorporated LiMnBO3/boron oxide composite as advanced anode material for lithium ion batteries. Journal of Alloys and Compounds, 2019, 772, 105-111.	2.8	5
132	Dendrite-Free Lithium Anode Enables the Lithium//Graphite Dual-Ion Battery with Much Improved Cyclic Stability. ACS Applied Energy Materials, 2019, 2, 201-206.	2.5	32
133	Highly Improved Cycling Stability of Anion Deâ€/Intercalation in the Graphite Cathode for Dualâ€Ion Batteries. Advanced Materials, 2019, 31, e1804766.	11.1	192
134	A Practical Li-Ion Full Cell with a High-Capacity Cathode and Electrochemically Exfoliated Graphene Anode: Superior Electrochemical and Low-Temperature Performance. ACS Applied Energy Materials, 2019, 2, 486-492.	2.5	23
135	Adjustable and pseudocapacitance-prompted Li storage via the controlled preparation of nanocomposites with 0D-2D carbon networks. Electrochimica Acta, 2018, 268, 323-331.	2.6	9
136	Egg yolk-derived carbon: Achieving excellent fluorescent carbon dots and high performance lithium-ion batteries. Journal of Alloys and Compounds, 2018, 746, 567-575.	2.8	42
137	In Situ Encapsulating Î±â€MnS into N,Sâ€Codoped Nanotubeâ€Like Carbon as Advanced Anode Material: Î± â†' Î² Phase Transition Promoted Cycling Stability and Superior Li/Naâ€Storage Performance in Half/Full Cells. Advanced Materials, 2018, 30, e1706317.	11.1	164
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