

Wei-Feng Wei

List of Publications by Year in descending order

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139
papers

11,182
citations

36271

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30894

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143
all docs

143
docs citations

143
times ranked

12609
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese oxide-based materials as electrochemical supercapacitor electrodes. <i>Chemical Society Reviews</i> , 2011, 40, 1697-1721.	18.7	2,161
2	Carbon Anode Materials for Advanced Sodium-ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1602898.	10.2	858
3	Liquid Metal Batteries: Past, Present, and Future. <i>Chemical Reviews</i> , 2013, 113, 2075-2099.	23.0	413
4	Ultrathin Porous NiCo ₂ O ₄ Nanosheet Arrays on Flexible Carbon Fabric for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7405-7409.	4.0	259
5	Carbon quantum dot micelles tailored hollow carbon anode for fast potassium and sodium storage. <i>Nano Energy</i> , 2019, 65, 104038.	8.2	250
6	Layered tin sulfide and selenide anode materials for Li- and Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12185-12214.	5.2	245
7	Oxygen-deficient anatase TiO ₂ @C nanospindles with pseudocapacitive contribution for enhancing lithium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4013-4022.	5.2	206
8	Sodium-based batteries: from critical materials to battery systems. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9406-9431.	5.2	199
9	Unravelling the reaction chemistry and degradation mechanism in aqueous Zn/MnO ₂ rechargeable batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5733-5739.	5.2	182
10	Molybdenum and tungsten chalcogenides for lithium/sodium-ion batteries: Beyond MoS ₂ . <i>Journal of Energy Chemistry</i> , 2019, 33, 100-124.	7.1	174
11	Rock Salt to Spinel Structural Transformation in Anodically Electrodeposited MnCo ₂ O ₄ Nanocrystals. <i>Chemistry of Materials</i> , 2008, 20, 1941-1947.	3.2	167
12	Engineering Fe-N Coordination Structures for Fast Redox Conversion in Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2021, 33, e2100171.	11.1	167
13	Toward Dendrite-Free Lithium Deposition via Structural and Interfacial Synergistic Effects of 3D Graphene@Ni Scaffold. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26091-26097.	4.0	152
14	Surface Structural Transition Induced by Gradient Polyanion Doping in Li-Rich Layered Oxides: Implications for Enhanced Electrochemical Performance. <i>Advanced Functional Materials</i> , 2016, 26, 4760-4767.	7.8	151
15	High Ion-Conducting Solid-State Composite Electrolytes with Carbon Quantum Dot Nanofillers. <i>Advanced Science</i> , 2018, 5, 1700996.	5.6	141
16	Growth of SnO ₂ Nanoflowers on N-doped Carbon Nanofibers as Anode for Li- and Na-ion Batteries. <i>Nano-Micro Letters</i> , 2018, 10, 21.	14.4	141
17	A Li-rich Layered@Spinel@Carbon heterostructured cathode material for high capacity and high rate lithium-ion batteries fabricated via an in situ synchronous carbonization-reduction method. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3995-4003.	5.2	135
18	Liquid Alloy Interlayer for Aqueous Zinc-Ion Battery. <i>ACS Energy Letters</i> , 2021, 6, 675-683.	8.8	135

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19	Electrochemical cyclability mechanism for MnO ₂ electrodes utilized as electrochemical supercapacitors. <i>Journal of Power Sources</i> , 2009, 186, 543-550.	4.0	132
20	Hierarchical Nanocomposite of Hollow N-Doped Carbon Spheres Decorated with Ultrathin WS ₂ Nanosheets for High-Performance Lithium-Ion Battery Anode. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18841-18848.	4.0	131
21	Highly Fluoro-Substituted Covalent Organic Framework and Its Application in Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42233-42240.	4.0	127
22	Phase-Controlled Synthesis of MnO ₂ Nanocrystals by Anodic Electrodeposition: Implications for High-Rate Capability Electrochemical Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15075-15083.	1.5	125
23	Uniform and dendrite-free zinc deposition enabled by <i>in situ</i> formed AgZn ₃ for the zinc metal anode. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8452-8461.	5.2	121
24	Quasi-reversible conversion reaction of CoSe ₂ /nitrogen-doped carbon nanofibers towards long-lifetime anode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7088-7098.	5.2	117
25	Antimony Nanorod Encapsulated in Cross-Linked Carbon for High-Performance Sodium Ion Battery Anodes. <i>Nano Letters</i> , 2019, 19, 538-544.	4.5	113
26	Mg Doped Li-Alloy with In Situ Formed Lithiophilic LiB Skeleton for Lithium Metal Batteries. <i>Advanced Science</i> , 2020, 7, 1902643.	5.6	106
27	Challenges and recent progress in the design of advanced electrode materials for rechargeable Mg batteries. <i>Energy Storage Materials</i> , 2019, 20, 118-138.	9.5	104
28	A Functional Organic Zinc-Chelate Formation with Nanoscaled Granular Structure Enabling Long-Term and Dendrite-Free Zn Anodes. <i>ACS Nano</i> , 2022, 16, 9736-9747.	7.3	104
29	Oriented silver oxidenanostructures synthesized through a template-free electrochemical route. <i>Journal of Materials Chemistry</i> , 2011, 21, 432-438.	6.7	103
30	Solid polymer electrolyte membranes based on organic/inorganic nanocomposites with star-shaped structure for high performance lithium ion battery. <i>Journal of Membrane Science</i> , 2016, 509, 138-148.	4.1	100
31	Dense and long carbon nanotube arrays decorated with Mn ₃ O ₄ nanoparticles for electrodes of electrochemical supercapacitors. <i>Carbon</i> , 2011, 49, 1225-1234.	5.4	98
32	NiCo ₂ O ₄ /NiCoP@Ni nanowire arrays: tunable composition and unique structure design for high-performance winding asymmetric hybrid supercapacitors. <i>Rare Metals</i> , 2020, 39, 1034-1044.	3.6	80
33	Enhancing the Structural Stability of Ni-Rich Layered Oxide Cathodes with a Preformed Zr-Concentrated Defective Nanolayer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39599-39607.	4.0	78
34	Morphology evolution in anodically electrodeposited manganese oxide nanostructures for electrochemical supercapacitor applications—Effect of supersaturation ratio. <i>Electrochimica Acta</i> , 2011, 56, 1619-1628.	2.6	75
35	Heteroepitaxial oxygen-buffering interface enables a highly stable cobalt-free Li-rich layered oxide cathode. <i>Nano Energy</i> , 2020, 75, 104995.	8.2	74
36	Cross-linked branching nanohybrid polymer electrolyte with monodispersed TiO ₂ nanoparticles for high performance lithium-ion batteries. <i>Journal of Power Sources</i> , 2016, 317, 103-111.	4.0	71

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37	Achieving high structure and voltage stability in cobalt-free Li-rich layered oxide cathodes via selective dual-cation doping. <i>Energy Storage Materials</i> , 2020, 32, 37-45.	9.5	69
38	Carbon Coated SnS/SnO ₂ Heterostructures Wrapping on CNFs as an Improved-Performance Anode for Li-Ion Batteries: Lithiation-Induced Structural Optimization upon Cycling. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30256-30263.	4.0	68
39	The Effect of Boron Doping on Structure and Electrochemical Performance of Lithium-Rich Layered Oxide Materials. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18008-18017.	4.0	68
40	Effect of Fe addition on sintering behaviour of titanium powder. <i>Powder Metallurgy</i> , 2003, 46, 246-250.	0.9	67
41	Robust pseudo-capacitive Li-I2 battery enabled by catalytic, adsorptive N-doped graphene interlayer. <i>Energy Storage Materials</i> , 2018, 14, 129-135.	9.5	67
42	Composite electrolyte membranes incorporating viscous copolymers with cellulose for high performance lithium-ion batteries. <i>Journal of Membrane Science</i> , 2016, 497, 259-269.	4.1	66
43	Solvent-Controlled Synthesis of NiO@CoO/Carbon Fiber Nanobrushes with Different Densities and Their Excellent Properties for Lithium Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21703-21711.	4.0	63
44	2D amorphous-MoO ₃ @Ti ₃ C ₂ -MXene non-van der Waals heterostructures as anode materials for lithium-ion batteries. <i>Nano Energy</i> , 2021, 86, 106139.	8.2	63
45	Roles of surface structure and chemistry on electrochemical processes in lithium-rich layered oxide cathodes. <i>Nano Energy</i> , 2016, 30, 580-602.	8.2	61
46	Oxidation resistance and electrical properties of anodically electrodeposited Mn-Co oxide coatings for solid oxide fuel cell interconnect applications. <i>Journal of Power Sources</i> , 2009, 186, 428-434.	4.0	59
47	Improved electrochemical impedance response induced by morphological and structural evolution in nanocrystalline MnO ₂ electrodes. <i>Electrochimica Acta</i> , 2009, 54, 2271-2275.	2.6	59
48	Boosting sodium-ion storage performance of MoSe ₂ @C electrospinning nanofibers by embedding graphene nanosheets. <i>Journal of Alloys and Compounds</i> , 2017, 727, 1280-1287.	2.8	56
49	Extrinsic pseudocapacitive Li-ion storage of SnS anode via lithiation-induced structural optimization on cycling. <i>Journal of Power Sources</i> , 2017, 366, 1-8.	4.0	54
50	A borate-rich, cross-linked gel polymer electrolyte with near-single ion conduction for lithium metal batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18547-18557.	5.2	54
51	Dual-engineered separator for highly robust, all-climate lithium-sulfur batteries. <i>Energy Storage Materials</i> , 2020, 32, 46-54.	9.5	54
52	Stable heteroepitaxial interface of Li-rich layered oxide cathodes with enhanced lithium storage. <i>Energy Storage Materials</i> , 2019, 21, 69-76.	9.5	53
53	Thermodynamic properties of calcium-bismuth alloys determined by emf measurements. <i>Electrochimica Acta</i> , 2012, 60, 154-162.	2.6	52
54	S-doped carbon@TiO ₂ to store Li ⁺ /Na ⁺ with high capacity and long life-time. <i>Energy Storage Materials</i> , 2018, 13, 215-222.	9.5	52

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55	3D-Printed Microelectrodes with a Developed Conductive Network and Hierarchical Pores toward High Areal Capacity for Microbatteries. <i>Advanced Materials Technologies</i> , 2019, 4, 1800402.	3.0	51
56	Rational design of Au-NiO hierarchical structures with enhanced rate performance for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7023.	5.2	50
57	Upgrading Electrode/Electrolyte Interphases via Polyamide-Based Quasi-Solid Electrolyte for Long-Life Nickel-Rich Lithium Metal Batteries. <i>ACS Energy Letters</i> , 0, , 1280-1289.	8.8	49
58	Study of the thermal properties during the cyclic process of lithium ion power batteries using the electrochemical-thermal coupling model. <i>Applied Thermal Engineering</i> , 2018, 137, 11-22.	3.0	48
59	Interfacially Redistributed charge for robust lithium metal anode. <i>Nano Energy</i> , 2021, 87, 106212.	8.2	48
60	Rational design and preparation of few-layered MoSe ₂ nanosheet@C/TiO ₂ nanobelt heterostructures with superior lithium storage performance. <i>RSC Advances</i> , 2016, 6, 23161-23168.	1.7	47
61	2D Titania-Carbon Superlattices Vertically Encapsulated in 3D Hollow Carbon Nanospheres Embedded with 0D TiO ₂ Quantum Dots for Exceptional Sodium-Ion Storage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14125-14128.	7.2	47
62	Core-Shell Layered Oxide Cathode for High-Performance Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7144-7152.	4.0	47
63	A New Scalable Preparation of Metal Nanosheets: Potential Applications for Aqueous Zn-Ion Batteries Anode. <i>Advanced Functional Materials</i> , 2020, 30, 2003187.	7.8	46
64	Electrochemical mechanism of high Na-content P2-type layered oxides for sodium-ion batteries. <i>Rare Metals</i> , 2020, 39, 332-334.	3.6	46
65	Lithiophilic NiO hexagonal plates decorated Ni collector guiding uniform lithium plating for stable lithium metal anode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24262-24270.	5.2	44
66	Regulating oxygen covalent electron localization to enhance anionic redox reversibility of lithium-rich layered oxide cathodes. <i>Energy Storage Materials</i> , 2022, 46, 512-522.	9.5	44
67	Dodecahedron-Shaped Porous Vanadium Oxide and Carbon Composite for High-Rate Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17303-17311.	4.0	43
68	Tufted NiCo ₂ O ₄ Nanoneedles Grown on Carbon Nanofibers with advanced electrochemical property for Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2016, 222, 1878-1886.	2.6	42
69	Hollow LDH nanowires as excellent adsorbents for organic dye. <i>Journal of Alloys and Compounds</i> , 2016, 687, 499-505.	2.8	42
70	A star-shaped solid composite electrolyte containing multifunctional moieties with enhanced electrochemical properties for all solid-state lithium batteries. <i>Journal of Membrane Science</i> , 2018, 552, 107-114.	4.1	42
71	Nickel-iron layered double hydroxides and reduced graphene oxide composite with robust lithium ion adsorption ability for high-capacity energy storage systems. <i>Electrochimica Acta</i> , 2019, 296, 190-197.	2.6	42
72	Understanding the Enhanced Kinetics of Gradient-Chemical-Doped Lithium-Rich Cathode Material. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20519-20526.	4.0	41

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73	Tailoring alternating heteroepitaxial nanostructures in Na-ion layered oxide cathodes via an in-situ composition modulation route. <i>Nano Energy</i> , 2018, 44, 336-344.	8.2	36
74	Hierarchical porous Co ₃ O ₄ nanosheet arrays directly grown on carbon cloth by an electrochemical route for high performance Li-ion batteries. <i>New Journal of Chemistry</i> , 2014, 38, 2250-2253.	1.4	35
75	Anodic Electrodeposition of Nanocrystalline Coatings in the Mn ²⁺ /Co ²⁺ /O System. <i>Chemistry of Materials</i> , 2007, 19, 2816-2822.	3.2	33
76	Electrochemical study of codeposition of Al particle ²⁺ Nanocrystalline Ni/Cu composite coatings. <i>Electrochimica Acta</i> , 2008, 54, 415-420.	2.6	33
77	Amorphous carbon framework stabilized SnO ₂ porous nanowires as high performance Li-ion battery anode materials. <i>RSC Advances</i> , 2015, 5, 49926-49932.	1.7	33
78	Shear-resistant interface of layered oxide cathodes for sodium ion batteries. <i>Energy Storage Materials</i> , 2022, 45, 389-398.	9.5	33
79	Template-free electrosynthesis of crystalline germanium nanowires from solid germanium oxide in molten CaCl ₂ /NaCl. <i>Electrochimica Acta</i> , 2013, 102, 369-374.	2.6	32
80	Roles of Coherent Interfaces on Electrochemical Performance of Sodium Layered Oxide Cathodes. <i>Chemistry of Materials</i> , 2018, 30, 4728-4737.	3.2	32
81	A borate decorated anion-immobilized solid polymer electrolyte for dendrite-free, long-life Li metal batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19970-19976.	5.2	32
82	Regulating Anion Redox and Cation Migration to Enhance the Structural Stability of Li-Rich Layered Oxides. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12159-12168.	4.0	32
83	MXene and MXene-based materials for lithium-sulfur batteries. <i>Progress in Natural Science: Materials International</i> , 2021, 31, 501-513.	1.8	32
84	Effect of catalyst particle interspacing on the growth of millimeter-scale carbon nanotube arrays by catalytic chemical vapor deposition. <i>Carbon</i> , 2009, 47, 3441-3451.	5.4	31
85	Recycling ZnTe, CdTe, and Other Compound Semiconductors by Ambipolar Electrolysis. <i>Journal of the American Chemical Society</i> , 2011, 133, 19971-19975.	6.6	31
86	Towards rational design of high performance Ni-rich layered oxide cathodes: The interplay of borate-doping and excess lithium. <i>Journal of Power Sources</i> , 2019, 431, 40-47.	4.0	31
87	Intrinsic conductivity optimization of bi-metallic nickel cobalt selenides toward superior-rate Na-ion storage. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2656-2663.	3.2	30
88	Li ⁺ -conductive Li ₂ SiO ₃ stabilized Li-rich layered oxide with an in situ formed spinel nano-coating layer: toward enhanced electrochemical performance for lithium-ion batteries. <i>RSC Advances</i> , 2016, 6, 34245-34253.	1.7	29
89	Defective Rock-Salt Structure in Anodically Electrodeposited Mn ²⁺ /Co ²⁺ /O Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10398-10403.	1.5	28
90	Organoboron ⁺ -Containing Polymer Electrolytes for High ⁺ Performance Lithium Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2008632.	7.8	28

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91	Influence of anion substitution on 3D-architected Ni-Co-A (A=H, O, P) as efficient cathode materials towards rechargeable Zn-based battery. <i>Energy Storage Materials</i> , 2021, 37, 336-344.	9.5	28
92	A novel metal-organic layered material with superior supercapacitive performance through ultrafast and reversible tetraethylammonium intercalation. <i>Nano Energy</i> , 2019, 59, 102-109.	8.2	26
93	Insights into the Enhanced Structural and Thermal Stabilities of Nb-Substituted Lithium-Rich Layered Oxide Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45619-45629.	4.0	26
94	Flexible WS ₂ @CNFs Membrane Electrode with Outstanding Lithium Storage Performance Derived from Capacitive Behavior. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701080.	1.9	25
95	A cathode for Li-ion batteries made of vanadium oxide on vertically aligned carbon nanotube arrays/graphene foam. <i>Chemical Engineering Journal</i> , 2019, 359, 1668-1676.	6.6	25
96	Strain engineering by atomic lattice locking in P2-type layered oxide cathode for high-voltage sodium-ion batteries. <i>Nano Energy</i> , 2020, 76, 105061.	8.2	25
97	Countering Voltage Decay, Redox Sluggishness, and Calendering Incompatibility by Near-Zero-Strain Interphase in Lithium-Rich, Manganese-Based Layered Oxide Electrodes. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	24
98	Microstructures and mechanical behavior of PM Ti-Mo alloy. <i>Central South University</i> , 2003, 10, 81-86.	0.5	23
99	Three-dimensionally ordered macroporous Li ₂ FeSiO ₄ /C composite as a high performance cathode for advanced lithium ion batteries. <i>Journal of Power Sources</i> , 2016, 329, 297-304.	4.0	23
100	Hierarchical N-doping germanium/carbon nanofibers as anode for high-performance lithium-ion and sodium-ion batteries. <i>Nanotechnology</i> , 2020, 31, 015402.	1.3	22
101	Unraveling Atomically Irreversible Cation Migration in Sodium Layered Oxide Cathodes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5464-5470.	2.1	22
102	Oxidation Behavior of Ni-Cr-Fe-Based Alloys: Effect of Alloy Microstructure and Silicon Content. <i>Oxidation of Metals</i> , 2010, 73, 207-218.	1.0	21
103	Cross-Linked Nanohybrid Polymer Electrolytes With POSS Cross-Linker for Solid-State Lithium Ion Batteries. <i>Frontiers in Chemistry</i> , 2018, 6, 186.	1.8	20
104	Surface-dependent stress-corrosion cracking in Ni-rich layered oxide cathodes. <i>Acta Materialia</i> , 2021, 212, 116914.	3.8	20
105	Improving the Electrochemical Properties of the Manganese-Based P3 Phase by Multiphasic Intergrowth. <i>Inorganic Chemistry</i> , 2018, 57, 15584-15591.	1.9	19
106	Heteroepitaxial interface of layered cathode materials for lithium ion batteries. <i>Energy Storage Materials</i> , 2021, 37, 161-189.	9.5	19
107	Structure modulation strategy for suppressing high voltage P3-O1 phase transition of O ₃ -NaMn _{0.5} Ni _{0.5} O ₂ layered cathode. <i>Chemical Engineering Journal</i> , 2022, 431, 133454.	6.6	19
108	Electrochemical Property-Structure Correlation for Ni-Based Layered Na-Ion Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28719-28725.	4.0	18

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109	Tuning anisotropic ion transport in mesocrystalline lithium orthosilicate nanostructures with preferentially exposed facets. <i>NPG Asia Materials</i> , 2018, 10, 606-617.	3.8	18
110	Effect of Sodium Content on the Electrochemical Performance of Li-Substituted, Manganese-Based, Sodium-Ion Layered Oxide Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2191-2198.	4.0	18
111	Anchoring Interfacial Nickel Cations by Tunable Coordinative Structure for Highly Stabilized Nickel-Rich Layered Oxide Cathodes. <i>Nano Energy</i> , 2022, 93, 106803.	8.2	18
112	High Ion Conducting Solid Composite Electrolytes with Enhanced Interfacial Compatibility for Lithium Metal Batteries. <i>ChemElectroChem</i> , 2019, 6, 904-910.	1.7	17
113	Improving the electrochemical cyclability of lithium manganese orthosilicate through the pillaring effects of gradient Na substitution. <i>Journal of Power Sources</i> , 2017, 349, 18-26.	4.0	16
114	Influence of deformation microstructure on the precipitation behaviors of an Al-4Mg-0.3Cu alloy. <i>Journal of Alloys and Compounds</i> , 2017, 695, 2238-2245.	2.8	16
115	Graphene-Based Composites as Cathode Materials for Lithium Ion Batteries. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	1.5	15
116	Lengthening and thickening of multi-walled carbon nanotube arrays grown by chemical vapor deposition in the presence and absence of water. <i>Carbon</i> , 2010, 48, 2782-2791.	5.4	14
117	Understanding the Improved Kinetics and Cyclability of a $\text{Li}_{2-x}\text{MnSiO}_4$ Cathode with Calcium Substitution. <i>Inorganic Chemistry</i> , 2018, 57, 3223-3231.	1.9	14
118	Implanting an ion-selective "skin" in electrolyte towards high-energy and safe lithium-sulfur battery. <i>Matter</i> , 2022, 5, 2225-2237.	5.0	14
119	Fabricating 3D ordered macroporous $\text{Na}_2\text{MnSiO}_4/\text{C}$ with hierarchical pores for fast sodium storage. <i>Electrochimica Acta</i> , 2018, 269, 694-699.	2.6	13
120	2D Titania@Carbon Superlattices Vertically Encapsulated in 3D Hollow Carbon Nanospheres Embedded with 0D TiO_2 Quantum Dots for Exceptional Sodium-Ion Storage. <i>Angewandte Chemie</i> , 2019, 131, 14263-14266.	1.6	13
121	Insight into the Structural Disorder in Honeycomb-Ordered Sodium-Layered Oxide Cathodes. <i>IScience</i> , 2020, 23, 100898.	1.9	13
122	Hierarchically porous Ni monolith@branch-structured NiCo_2O_4 for high energy density supercapacitors. <i>Progress in Natural Science: Materials International</i> , 2016, 26, 276-282.	1.8	12
123	Synergistic effect of cross-linked carbon nanosheet frameworks and Sb on the enhancement of sodium storage performances. <i>New Journal of Chemistry</i> , 2017, 41, 13724-13731.	1.4	12
124	Dual-Role Surface Modification of Layered Oxide Cathodes for High-Power Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2020, 7, 691-696.	1.7	12
125	A P2@Tunnel Heterostructure Cathode for High-Performance Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2020, 7, 4383-4389.	1.7	11
126	Controlled synthesis of platy potassium titanates from potassium magnesium titanate. <i>RSC Advances</i> , 2013, 3, 8326.	1.7	10

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127	Electronic-structure tuning of honeycomb layered oxide cathodes for superior performance. <i>Acta Materialia</i> , 2020, 199, 34-41.	3.8	9
128	Enhancing the electrochemical performance of Li ₂ MnSiO ₄ cathode by manipulating the cathode-electrolyte interphase with triphenylphosphine oxide additive. <i>Electrochimica Acta</i> , 2020, 348, 136340.	2.6	9
129	Crystallographic Habit Tuning of Li ₂ MnSiO ₄ Nanoplates for High-Capacity Lithium Battery Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6309-6316.	4.0	8
130	Novel solid metal-organic self-propagation combustion for controllable synthesis of hierarchically porous metal monoliths. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10179-10182.	5.2	7
131	Weak magnetic field-enhanced glass formation in non-ferromagnetic Al-based alloys. <i>Applied Physics Letters</i> , 2012, 100, 231905.	1.5	5
132	Manipulating the Crystalline Structure and Electrochemical Performance of a Dilithium Manganese Silicate Cathode Material by Polyanion Doping. <i>ChemElectroChem</i> , 2016, 3, 1805-1812.	1.7	5
133	Advances in the structure and composition design of zinc anodes for high performance zinc ion batteries. <i>Sustainable Energy and Fuels</i> , 0, , .	2.5	5
134	Strong correlation between the cation ordering and magnetic properties of anodically electrodeposited Mn-Co-O nanocrystals. <i>Journal of Materials Science</i> , 2010, 45, 6824-6829.	1.7	1
135	Electronic-Structure Tuning of Honeycomb Layered Oxide Cathodes for Superior Performance. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
136	Study of Growth Kinetics of Ultra-Long Carbon Nanotube Arrays through Wall Number Statistical Investigation. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1204, 1.	0.1	0
137	Atomic Observation on Alternating Heteroepitaxial Nanostructures in Na-ion Layered Oxide Cathodes. <i>Microscopy and Microanalysis</i> , 2018, 24, 1542-1543.	0.2	0
138	Morphological evolution and kinetic enhancement of Li ₂ FexMn _{1-x} SiO ₄ /C cathodes for Li-ion battery. <i>Progress in Natural Science: Materials International</i> , 2018, 28, 535-541.	1.8	0
139	Anodic Electrodeposition of Mn-Co-O Spinel Coatings on Stainless Steel Substrates. , 0, , 255-266.		0