Ting-Feng Yi

List of Publications by Year
in descending order

191 papers	9,690 citations	38660 50 h-index	45213 90 g-index
194 all docs	194 docs citations	194 times ranked	7586 citing authors

#	Article	IF	Citations
1	Recent advances of Li₄Ti₅O₁₂ as a promising next generation anode material for high power lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 5750-5777.	5.2	464
2	Recent development and application of Li4Ti5O12 as anode material of lithium ion battery. Journal of Physics and Chemistry of Solids, 2010, 71, 1236-1242.	1.9	323
3	Key strategies for enhancing the cycling stability and rate capacity of LiNi0.5Mn1.5O4 as high-voltage cathode materials for high power lithium-ion batteries. Journal of Power Sources, 2016, 316, 85-105.	4.0	311
4	Porous spherical NiO@NiMoO4@PPy nanoarchitectures as advanced electrochemical pseudocapacitor materials. Science Bulletin, 2020, 65, 546-556.	4.3	292
5	Review and prospect of NiCo2O4-based composite materials for supercapacitor electrodes. Journal of Energy Chemistry, 2019, 31, 54-78.	7.1	275
6	Synthesis and application of task-specific ionic liquids used as catalysts and/or solvents in organic unit reactions. Journal of Molecular Liquids, 2011, 163, 99-121.	2.3	258
7	Structural and thermodynamic stability of Li4Ti5O12 anode material for lithium-ion battery. Journal of Power Sources, 2013, 222, 448-454.	4.0	199
8	Crystal structures of electrospun PVDF membranes and its separator application for rechargeable lithium metal cells. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 131, 100-105.	1.7	197
9	High rate cycling performance of lanthanum-modified Li4Ti5O12 anode materials for lithium-ion batteries. Journal of Power Sources, 2012, 214, 220-226.	4.0	179
10	A review of niobium oxides based nanocomposites for lithium-ion batteries, sodium-ion batteries and supercapacitors. Nano Energy, 2021, 85, 105955.	8.2	171
11	High-performance Li4Ti5â^'xVxO12 (0â‰¤xâ‰¤0.3) as an anode material for secondary lithium-ion battery. Electrochimica Acta, 2009, 54, 7464-7470.	2.6	160
12	A review of recent developments in the surface modification of LiMn2O4 as cathode material of power lithium-ion battery. Ionics, 2009, 15, 779-784.	1.2	154
13	Improving the high rate performance of Li4Ti5O12 through divalent zinc substitution. Journal of Power Sources, 2012, 215, 258-265.	4.0	153
14	NiCo2S4-based nanocomposites for energy storage in supercapacitors and batteries. Nano Today, 2020, 33, 100894.	6.2	152
15	Efforts on enhancing the Li-ion diffusion coefficient and electronic conductivity of titanate-based anode materials for advanced Li-ion batteries. Energy Storage Materials, 2020, 26, 165-197.	9.5	145
16	Facile synthesis of polypyrrole-modified Li5Cr7Ti6O25 with improved rate performance as negative electrode material for Li-ion batteries. Composites Part B: Engineering, 2019, 167, 566-572.	5.9	140
17	PE-g-MMA polymer electrolyte membrane for lithium polymer battery. Electrochimica Acta, 2006, 52, 443-449.	2.6	138
18	High rate micron-sized niobium-doped LiMn1.5Ni0.5O4 as ultra high power positive-electrode material for lithium-ion batteries. Journal of Power Sources, 2012, 211, 59-65.	4.0	132

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19	Approaching Highâ€Performance Lithium Storage Materials by Constructing Hierarchical CoNiO₂@CeO₂ Nanosheets. Energy and Environmental Materials, 2021, 4, 586-595.	7.3	128
20	Recent advances in the research of MLi2Ti6O14 (Mâ€¯=â€¯2Na, Sr, Ba, Pb) anode materials for Li-ion batteries. Journal of Power Sources, 2018, 399, 26-41.	4.0	125
21	Recent progress of NiCo2O4-based anodes for high-performance lithium-ion batteries. Current Opinion in Solid State and Materials Science, 2018, 22, 109-126.	5.6	125
22	Nitrogen-Doped Hierarchical Porous Carbon from Wheat Straw for Supercapacitors. ACS Sustainable Chemistry and Engineering, 2018, 6, 11595-11605.	3.2	123
23	Rational construction and decoration of Li5Cr7Ti6O25@C nanofibers as stable lithium storage materials. Journal of Energy Chemistry, 2022, 71, 400-410.	7.1	122
24	Advanced electrochemical properties of Mo-doped Li4Ti5O12 anode material for power lithium ion battery. RSC Advances, 2012, 2, 3541.	1.7	119
25	Advanced electrochemical performance of Li4Ti4.95V0.05O12 as a reversible anode material down to 0V. Journal of Power Sources, 2010, 195, 285-288.	4.0	113
26	Sub-micrometric Li4â^'xNaxTi5O12 (0Ââ‰ÂxÂâ‰Â0.2) spinel as anode material exhibiting high rate capability. Journal of Power Sources, 2014, 246, 505-511.	4.0	106
27	Effects of morphology on the visible-light-driven photocatalytic and bactericidal properties of BiVO4/CdS heterojunctions: A discussion on photocatalysis mechanism. Journal of Alloys and Compounds, 2020, 817, 153246.	2.8	103
28	Coal-based S hybrid self-doped porous carbon for high-performance supercapacitors and potassium-ion batteries. Journal of Power Sources, 2020, 461, 228151.	4.0	99
29	Rapid Chargeâ€“Discharge Property of Li₄Ti₅O₁₂â€“TiO₂ Nanosheet and Nanotube Composites as Anode Material for Power Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2014, 6, 20205-20213.	4.0	95
30	Recent developments in the doping of LiNi0.5Mn1.5O4 cathode material for 5ÂV lithium-ion batteries. Ionics, 2011, 17, 383-389.	1.2	94
31	Design and synthesis of carbon-coated Î±-Fe2O3@Fe3O4 heterostructured as anode materials for lithium ion batteries. Applied Surface Science, 2019, 495, 143590.	3.1	94
32	Structure and Electrochemical Performance of Niobium-Substituted Spinel Lithium Titanium Oxide Synthesized by Solid-State Method. Journal of the Electrochemical Society, 2011, 158, A266.	1.3	92
33	Improved Cycling Stability and Fast Chargeâ€“Discharge Performance of Cobalt-Free Lithium-Rich Oxides by Magnesium-Doping. ACS Applied Materials & Interfaces, 2016, 8, 32349-32359.	4.0	86
34	Enhanced rate performance of molybdenum-doped spinel LiNi 0.5 Mn 1.5 O 4 cathode materials for lithium ion battery. Journal of Power Sources, 2014, 247, 778-785.	4.0	84
35	High-performance Î±-Fe2O3/C composite anodes for lithium-ion batteries synthesized by hydrothermal carbonization glucose method used pickled iron oxide red as raw material. Composites Part B: Engineering, 2019, 164, 576-582.	5.9	84
36	Functional cation defects engineering in TiS2 for high-stability anode. Nano Energy, 2020, 67, 104295.	8.2	83

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37	Towards high-performance cathodes: Design and energy storage mechanism of vanadium oxides-based materials for aqueous Zn-ion batteries. Coordination Chemistry Reviews, 2021, 446, 214124.	9.5	83
38	Nano-sized MoO2 spheres interspersed three-dimensional porous carbon composite as advanced anode for reversible sodium/potassium ion storage. Electrochimica Acta, 2019, 307, 293-301.	2.6	79
39	Synthesis and physicochemical properties of LiAl0.05Mn1.95O4 cathode material by the ultrasonic-assisted solâ€“gel method. Journal of Power Sources, 2006, 162, 636-643.	4.0	76
40	Hydrothermal synthesis and characterization of Î±-Fe2O3/C using acid-pickled iron oxide red for Li-ion batteries. Journal of Hazardous Materials, 2019, 368, 714-721.	6.5	73
41	Recent developments in the doping and surface modification of LiFePO4 as cathode material for power lithium ion battery. Ionics, 2012, 18, 529-539.	1.2	67
42	Understanding the Thermal and Mechanical Stabilities of Olivine-Type LiMPO₄ (M = Fe, Mn) as Cathode Materials for Rechargeable Lithium Batteries from First Principles. ACS Applied Materials & Interfaces, 2014, 6, 4033-4042.	4.0	66
43	Electrochemical performance and lithium-ion intercalation kinetics of submicron-sized Li4Ti5O12 anode material. Journal of Alloys and Compounds, 2013, 547, 107-112.	2.8	65
44	A literature review and test: Structure and physicochemical properties of spinel LiMn2O4 synthesized by different temperatures for lithium ion battery. Synthetic Metals, 2009, 159, 1255-1260.	2.1	62
45	Free-standing honeycomb-like N doped carbon foam derived from coal tar pitch for high-performance supercapacitor. Applied Surface Science, 2020, 506, 145014.	3.1	61
46	Preparation and characterization of sub-micro LiNi0.5â^'xMn1.5+xO4 for 5V cathode materials synthesized by an ultrasonic-assisted co-precipitation method. Journal of Power Sources, 2007, 167, 185-191.	4.0	60
47	Rapid Lithiation and Delithiation Property of V-Doped Li₂ZnTi₃O₈ as Anode Material for Lithium-Ion Battery. ACS Sustainable Chemistry and Engineering, 2015, 3, 3062-3069.	3.2	59
48	Synthesis and application of a novel Li4Ti5O12 composite as anode material with enhanced fast charge-discharge performance for lithium-ion battery. Electrochimica Acta, 2014, 134, 377-383.	2.6	57
49	Enhanced electrochemical property of FePO4-coated LiNi0.5Mn1.5O4 as cathode materials for Li-ion battery. Science Bulletin, 2017, 62, 1004-1010.	4.3	56
50	Li₅Cr₇Ti₆O₂₅ as a novel negative electrode material for lithium-ion batteries. Chemical Communications, 2015, 51, 14050-14053.	2.2	54
51	Towards high-performance anodes: Design and construction of cobalt-based sulfide materials for sodium-ion batteries. Journal of Energy Chemistry, 2021, 54, 680-698.	7.1	54
52	Synthesis of Er-doped LiMnPO4/C by a sol-assisted hydrothermal process with superior rate capability. Journal of Electroanalytical Chemistry, 2019, 832, 196-203.	1.9	53
53	Synthesis and electrochemistry of 5V LiNi0.4Mn1.6O4 cathode materials synthesized by different methods. Electrochimica Acta, 2008, 53, 3120-3126.	2.6	52
54	High-Surface-Area and Porous Co₂P Nanosheets as Cost-Effective Cathode Catalysts for Liâ€“O₂ Batteries. ACS Applied Materials & Interfaces, 2018, 10, 21281-21290.	4.0	52

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55	Hybrid porous flower-like NiO@CeO2microspheres with improved pseudocapacitiveproperties. Electrochimica Acta, 2019, 297, 593-605.	2.6	51
56	Construction of spherical NiO@MnO2 with core-shell structure obtained by depositing MnO2 nanoparticles on NiO nanosheets for high-performance supercapacitor. Ceramics International, 2020, 46, 421-429.	2.3	50
57	Towards high-performance electrocatalysts and photocatalysts: Design and construction of MXenes-based nanocomposites for water splitting. Chemical Engineering Journal, 2021, 421, 129944.	6.6	50
58	Design and comparison of ex situ and in situ devices for Raman characterization of lithium titanate anode material. Ionics, 2011, 17, 503-509.	1.2	49
59	Toward superior lithium/sodium storage performance: design and construction of novel TiO2-based anode materials. Rare Metals, 2021, 40, 3049-3075.	3.6	49
60	Co3O4@NiCo2O4 microsphere as electrode materials for high-performance supercapacitors. Solid State Ionics, 2019, 336, 110-119.	1.3	48
61	Porous sphere-like LiNi0.5Mn1.5O4-CeO2 composite with high cycling stability as cathode material for lithium-ion battery. Journal of Alloys and Compounds, 2017, 703, 103-113.	2.8	47
62	Hierarchical mesoporous flower-like ZnCo2O4@NiO nanoflakes grown on nickel foam as high-performance electrodes for supercapacitors. Electrochimica Acta, 2018, 284, 128-141.	2.6	47
63	Increased cycling stability of Li4Ti5O12-coated LiMn1.5Ni0.5O4 as cathode material for lithium-ion batteries. Ceramics International, 2013, 39, 3087-3094.	2.3	46
64	Enhanced electrochemical performance of Li-rich low-Co Li1.2Mn0.56Ni0.16Co0.08â˜'x Al x O2 (0â‰¤xâ‰¤0.08) as cathode materials. Science China Materials, 2016, 59, 618-628.	3.5	46
65	Comparison of structure and electrochemical properties for 5ÂV LiNi0.5Mn1.5O4 and LiNi0.4Cr0.2Mn1.4O4 cathode materials. Journal of Solid State Electrochemistry, 2009, 13, 913-919.	1.2	45
66	Recent progress in the electrolytes for improving the cycling stability of LiNi0.5Mn1.5O4 high-voltage cathode. Ionics, 2016, 22, 1759-1774.	1.2	44
67	Li₄Ti₅O₁₂â€“LiAlO₂ Composite as High Performance Anode Material for Lithium-Ion Battery. ACS Sustainable Chemistry and Engineering, 2016, 4, 1994-2003.	3.2	44
68	Enhanced rate performance of Li4Ti5O12 anode material by ethanol-assisted hydrothermal synthesis for lithium-ion battery. Ceramics International, 2014, 40, 9853-9858.	2.3	43
69	Facile synthesis of MoO2/CNTs composites for high-performance supercapacitor electrodes. Ceramics International, 2016, 42, 9250-9256.	2.3	43
70	Carbon-coated LiMn1-Fe PO4 (0â‰¤xâ‰¤0.5) nanocomposites as high-performance cathode materials for Li-ion battery. Composites Part B: Engineering, 2019, 175, 107067.	5.9	43
71	ZnS nanoparticles as the electrode materials for high-performance supercapacitors. Solid State Ionics, 2019, 343, 115074.	1.3	43
72	Kinetic study on LiFePO4-positive electrode material of lithium-ion battery. Ionics, 2011, 17, 437-441.	1.2	42

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73	Li1.2Mn0.54Ni0.13Co0.13O2 hollow hierarchical microspheres with enhanced electrochemical performances as cathode material for lithium-ion battery application. Electrochimica Acta, 2017, 237, 217-226.	2.6	41
74	Approaching high-performance electrode materials of ZnCo2S4 nanoparticle wrapped carbon nanotubes for supercapacitors. Journal of Materiomics, 2021, 7, 563-576.	2.8	41
75	Sulfur-doped 3D hierarchical porous carbon network toward excellent potassium-ion storage performance. Rare Metals, 2021, 40, 2464-2473.	3.6	41
76	Spinel Li4Ti5â^'xZrxO12 (0â©½xâ©½0.25) materials as high-performance anode materials for lithium-ion batteries. Journal of Alloys and Compounds, 2013, 558, 11-17.	2.8	40
77	Comparison of electronic property and structural stability of LiMn2O4 and LiNi0.5Mn1.5O4 as cathode materials for lithium-ion batteries. Computational Materials Science, 2010, 50, 776-779.	1.4	39
78	Lithium-ion insertion kinetics of Nb-doped LiMn2O4 positive-electrode material. Ceramics International, 2013, 39, 4673-4678.	2.3	39
79	Synthesis of LiNi0.5Mn1.5O4 cathode with excellent fast charge-discharge performance for lithium-ion battery. Electrochimica Acta, 2014, 147, 250-256.	2.6	38
80	Enhanced fast chargeâ€“discharge performance of Li₄Ti₅O₁₂ as anode materials for lithium-ion batteries by Ce and CeO₂ modification using a facile method. RSC Advances, 2015, 5, 37367-37376.	1.7	37
81	High-performance x Li 2 MnO 3 Â·(1- x)LiMn 1/3 Co 1/3 Ni 1/3 O 2 (0.1 â¿ x â¿0.5) as Cathode Material for Lithium-ion Battery. Electrochimica Acta, 2016, 188, 686-695.	2.6	37
82	Density functional theory study of lithium intercalation for 5ÂV LiNi0.5Mn1.5O4 cathode materials. Solid State Ionics, 2008, 179, 2132-2136.	1.3	36
83	Improved high-rate performance of Li4Ti5O12/carbon nanotube nanocomposite anode for lithium-ion batteries. Solid State Ionics, 2015, 276, 84-89.	1.3	36
84	Ultrasound-assisted two-step water-bath synthesis of g-C₃N₄/BiOBr composites: visible light-driven photocatalysis, sterilization, and reaction mechanism. New Journal of Chemistry, 2019, 43, 8711-8721.	1.4	35
85	Mg-doped Li1.2Mn0.54Ni0.13Co0.13O2 nano flakes with improved electrochemical performance for lithium-ion battery application. Journal of Alloys and Compounds, 2018, 739, 607-615.	2.8	34
86	Mesoporous NiCo2O4 nanoneedles@MnO2 nanoparticles grown on nickel foam for electrode used in high-performance supercapacitors. Journal of Energy Chemistry, 2019, 31, 167-177.	7.1	34
87	Structure and electrochemical performance of Li4Ti5O12-coated LiMn1.4Ni0.4Cr0.2O4 spinel as 5V materials. Electrochemistry Communications, 2009, 11, 91-94.	2.3	33
88	Structure and electrochemical properties of Sc3+-doped Li4Ti5O12 as anode materials for lithium-ion battery. Ceramics International, 2015, 41, 7073-7079.	2.3	33
89	Effect of treated temperature on structure and performance of LiCoO2 coated by Li4Ti5O12. Surface and Coatings Technology, 2011, 205, 3885-3889.	2.2	32
90	Enhanced electrochemical performance of a novel Li4Ti5O12 composite as anode material for lithium-ion battery in a broad voltage window. Ceramics International, 2015, 41, 2336-2341.	2.3	32

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91	Enhanced cycling stability of microsized LiCoO2 cathode by Li4Ti5O12 coating for lithium ion battery. Materials Research Bulletin, 2010, 45, 456-459.	2.7	30
92	A Simple and Lowâ€Cost Method to Synthesize Crâ€Doped Î±â€Fe₂O₃ Electrode Materials for Lithiumâ€Ion Batteries. ChemElectroChem, 2019, 6, 856-864.	1.7	30
93	Sodium-deficient O3â€“Na0.75Fe0.5-Cu Mn0.5O2 as high-performance cathode materials of sodium-ion batteries. Composites Part B: Engineering, 2022, 238, 109912.	5.9	30
94	Stabilities and electronic properties of lithium titanium oxide anode material for lithium ion battery. Journal of Power Sources, 2012, 198, 318-321.	4.0	29
95	Improved lithium storage performance of lithium sodium titanate anode by titanium site substitution with aluminum. Journal of Power Sources, 2015, 293, 33-41.	4.0	29
96	Robust Strategy for Crafting Li₅Cr₇Ti₆O₂₅@CeO₂ Composites as High-Performance Anode Material for Lithium-Ion Battery. ACS Applied Materials & Interfaces, 2017, 9, 23662-23671.	4.0	29
97	Nanosized zinc oxides-based materials for electrochemical energy storage and conversion: Batteries and supercapacitors. Chinese Chemical Letters, 2022, 33, 714-729.	4.8	29
98	Mannich reaction catalyzed by a novel catalyst under solvent-free conditions. Journal of Industrial and Engineering Chemistry, 2009, 15, 653-656.	2.9	28
99	Enhanced lithium storage capability of sodium lithium titanate via lithium-site doping. Journal of Power Sources, 2015, 297, 283-294.	4.0	28
100	Bimetallic metal-organic framework derived transition metal sulfide microspheres as high-performance lithium/sodium storage materials. Chemical Engineering Journal, 2022, 446, 137154.	6.6	28
101	Improved rate performance of LiNi0.5Mn1.5O4 as cathode of lithium-ion battery by Li0.33La0.56TiO3 coating. Materials Letters, 2019, 239, 56-58.	1.3	27
102	Fe-stabilized Li-rich layered Li1.2Mn0.56Ni0.16Co0.08O2 oxide as a high performance cathode for advanced lithium-ion batteries. Materials Today Energy, 2017, 4, 25-33.	2.5	26
103	Porous ZnTiO3 rods as a novel lithium storage material for Li-ion batteries. Ceramics International, 2020, 46, 14030-14037.	2.3	26
104	Advanced electrochemical performance of LiMn1.4Cr0.2Ni0.4O4 as 5V cathode material by citric-acid-assisted method. Journal of Physics and Chemistry of Solids, 2009, 70, 153-158.	1.9	24
105	Morphology control and its effect on the electrochemical performance of Na2Li2Ti6O14 anode materials for lithium ion battery application. Electrochimica Acta, 2018, 259, 855-864.	2.6	24
106	Interconnected Co3O4@CoNiO2@PPy nanorod and nanosheet composite grown on nickel foam as binder-free electrodes for Li-ion batteries. Solid State Ionics, 2019, 329, 131-139.	1.3	24
107	Advancement of technology towards high-performance non-aqueous aluminum-ion batteries. Journal of Energy Chemistry, 2021, 57, 169-188.	7.1	24
108	Effect of Sodium-Site Doping on Enhancing the Lithium Storage Performance of Sodium Lithium Titanate. ACS Applied Materials & Interfaces, 2016, 8, 10302-10314.	4.0	23

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109	Li4Ti5O12-rutile TiO2 nanosheet composite as a high performance anode material for lithium-ion battery. International Journal of Hydrogen Energy, 2015, 40, 8571-8578.	3.8	22
110	Structural stabilities, surface morphologies and electronic properties of spinel LiTi2O4 as anode materials for lithium-ion battery: A first-principles investigation. Journal of Power Sources, 2016, 319, 185-194.	4.0	22
111	Construction of alternating layered quasi-three-dimensional electrode Ag NWs/CoO for water splitting: A discussion of catalytic mechanism. Electrochimica Acta, 2019, 317, 468-477.	2.6	22
112	Comprehensive insights and perspectives into the recent progress of electrode materials for non-aqueous K-ion battery. Journal of Materiomics, 2020, 6, 431-454.	2.8	22
113	Structure and physical properties of Li4Ti5O12 synthesized at deoxidization atmosphere. Ionics, 2011, 17, 799-803.	1.2	21
114	Synthesis and properties of Feâ€“B powders by molten salt method. Journal of Materials Research, 2017, 32, 883-889.	1.2	21
115	Preparation and performance of lead foam grid for negative electrode of VRLA battery. Materials Chemistry and Physics, 2006, 99, 431-436.	2.0	20
116	Review and prospect of Li2ZnTi3O8-based anode materials for Li-ion battery. Ionics, 2019, 25, 373-397.	1.2	20
117	Improving the cycling stability and rate capability of LiMn0.5Fe0.5PO4/C nanorod as cathode materials by LiAlO2 modification. Journal of Materiomics, 2020, 6, 33-44.	2.8	20
118	NiCo alloy nanoparticles encapsulated in N-doped 3D porous carbon as efficient electrocatalysts for oxygen reduction reaction. International Journal of Hydrogen Energy, 2020, 45, 22797-22807.	3.8	20
119	Improved electrochemical properties of Li4Ti5O12â€“Li0.33La0.56TiO3 composite anodes prepared by a solid-state synthesis. Journal of Alloys and Compounds, 2015, 646, 612-619.	2.8	19
120	Improved electrochemical performance of Ag-modified Li4Ti5O12 anode material in a broad voltage window. Journal of Chemical Sciences, 2014, 126, 17-23.	0.7	18
121	Facile synthesis of tremelliform Co3O4@CeO2 hybrid electrodes grown on Ni foam as high-performance electrodes for supercapacitors. Materials Letters, 2018, 233, 220-223.	1.3	18
122	Li0.95Na0.05MnPO4/C nanoparticles compounded with reduced graphene oxide sheets for superior lithium ion battery cathode performance. Ceramics International, 2019, 45, 4849-4856.	2.3	18
123	Effects of synthetic parameters on structure and electrochemical performance of spinel lithium manganese oxide by citric acid-assisted solâ€“gel method. Journal of Alloys and Compounds, 2006, 425, 343-347.	2.8	17
124	Effects of different particle sizes on electrochemical performance of spinel LiMn2O4 cathode materials. Journal of Materials Science, 2007, 42, 3825-3830.	1.7	17
125	V2O5 modified LiNi0.5Mn1.5O4 as cathode material for high-performance Li-ion battery. Materials Letters, 2019, 253, 136-139.	1.3	17
126	Li₅Cr₇Ti₆O₂₅/Multiwalled Carbon Nanotubes Composites with Fast Charge-Discharge Performance as Negative Electrode Materials for Lithium-Ion Batteries. Journal of the Electrochemical Society, 2019, 166, A626-A634.	1.3	17

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127	Band structure analysis on olivine LiMPO 4 and delithiated MPO 4 (M = Fe, Mn) cathode materials. Journal of Alloys and Compounds, 2014, 617, 716-721.	2.8	16
128	Observation on the electrochemical reactions of Li3-xNaxV2(PO4)3 (0Ââ‰ÂxÂâ‰Â3) as cathode materials for rechargeable batteries. Journal of Alloys and Compounds, 2017, 690, 31-41.	2.8	16
129	Acetylation of alcohols and phenols with acetic anhydride under solvent-free conditions using an ionic liquid based on morpholine as a recoverable and reusable catalyst. Monatshefte FÃ¼r Chemie, 2010, 141, 975-978.	0.9	15
130	Hollow and hierarchical Li1.2Mn0.54Ni0.13Co0.13O2 micro-cubes as promising cathode materials for lithium ion battery. Journal of Alloys and Compounds, 2019, 807, 151686.	2.8	15
131	Electrochemical intercalation kinetics of lithium ions for spinel LiNi0.5Mn1.5O4 cathode material. Russian Journal of Electrochemistry, 2010, 46, 227-232.	0.3	14
132	Thermodynamic stability and transport properties of tavorite LiFeSO₄F as a cathode material for lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 19728-19737.	5.2	14
133	Green synthesis of reduced graphene oxide as high-performance electrode materials for supercapacitors. Ionics, 2020, 26, 415-422.	1.2	14
134	Structure and electrochemical performance of BaLi2â^'x Na x Ti6O14 (0â‰xâ‰2) as anode materials for lithium-ion battery. Science China Materials, 2017, 60, 728-738.	3.5	13
135	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
136	Epitaxial growth of metastable phase Î±-Ag2MoO4 on WO3 surface: Visible light-driven photocatalysis, sterilization, and reaction mechanism. Journal of Alloys and Compounds, 2020, 814, 152255.	2.8	13
137	Boosting the lithium storage performance of Na₂Li₂Ti₆O₁₄ anodes by g-C₃N₄ modification. Dalton Transactions, 2021, 50, 5208-5217.	1.6	13
138	Promoting the Li storage performances of Li2ZnTi3O8@Na2WO4 composite anode for Li-ion battery. Ceramics International, 2021, 47, 19455-19463.	2.3	13
139	Effects of lead-foam grids on performance of VRLA battery. Journal of Power Sources, 2006, 158, 885-890.	4.0	12
140	Facile Synthesis of Sheet Stacking Structure NiCo₂S₄@PPy with Enhanced Rate Capability and Cycling Performance for Aqueous Supercapacitors. Energy Technology, 2020, 8, 2000096.	1.8	12
141	Li2ZnTi3O8@Î±-Fe2O3 composite anode material for Li-ion batteries. Ceramics International, 2021, 47, 18732-18742.	2.3	12
142	Study of influence of lead foam as negative electrode current collector material on VRLA battery charge performance. Journal of Alloys and Compounds, 2006, 422, 332-337.	2.8	11
143	Surface modification of Li1.2Mn0.54Ni0.13Co0.13O2 via an ionic conductive LiV3O8 as a cathode material for Li-ion batteries. Ionics, 2019, 25, 4567-4576.	1.2	11
144	In Situ Construction of Multibuffer Structure 3D CoSn@SnO x /CoO x @C Anode Material for Ultralong Life Lithium Storage. Energy Technology, 2020, 8, 1900829.	1.8	11

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145	Construction of Carbon-Coated LiMn_{0.5}Fe_{0.5}PO₄@Li_{0.33}La_{0.56}TiO₃ Nanorod Composites for High-Performance Li-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 33102-33111.	4.0	11
146	Effect of Organic Solvent and Resin on Luminescent Capability of SrAl2O4:Eu2+, Dy3+ Phosphor. Journal of Rare Earths, 2006, 24, 160-161.	2.5	10
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148	Structure and electrochemical properties of LiLaxMn2â€“xO4 cathode material by the ultrasonic-assisted sol-gel method. International Journal of Minerals, Metallurgy and Materials, 2009, 16, 119-123.	2.4	9
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