Jianwen Liang

List of Publications by Year
in descending order

129 papers	11,159 citations	16451 64 h-index	30922 102 g-index
132 all docs	132 docs citations	132 times ranked	8928 citing authors

#	Article	IF	Citations
1	Origin of high electrochemical stability of multi-metal chloride solid electrolytes for high energy all-solid-state lithium-ion batteries. Nano Energy, 2022, 92, 106674.	16.0	36
2	Fastâ€Charging Halideâ€Based Allâ€Solidâ€State Batteries by Manipulation of Current Collector Interface. Advanced Functional Materials, 2022, 32, .	14.9	20
3	Highly Stable Halideâ€Electrolyteâ€Based Allâ€Solidâ€State Liâ€"Se Batteries. Advanced Materials, 2022, 34, e2200856.	21.0	50
4	A Series of Ternary Metal Chloride Superionic Conductors for Highâ€Performance Allâ€Solidâ€State Lithium Batteries. Advanced Energy Materials, 2022, 12, .	19.5	42
5	A Series of Ternary Metal Chloride Superionic Conductors for Highâ€Performance Allâ€Solidâ€State Lithium Batteries (Adv. Energy Mater. 21/2022). Advanced Energy Materials, 2022, 12, .	19.5	0
6	Metal Halide Superionic Conductors for All-Solid-State Batteries. Accounts of Chemical Research, 2021, 54, 1023-1033.	15.6	105
7	All-solid-state lithium batteries enabled by sulfide electrolytes: from fundamental research to practical engineering design. Energy and Environmental Science, 2021, 14, 2577-2619.	30.8	201
8	Insight into MoS₂â€"MoN Heterostructure to Accelerate Polysulfide Conversion toward Highâ€Energyâ€Density Lithiumâ€"Sulfur Batteries. Advanced Energy Materials, 2021, 11, 2003314.	19.5	159
9	Revealing Dopant Local Structure of Se-Doped Black Phosphorus. Chemistry of Materials, 2021, 33, 2029-2036.	6.7	8
10	Deciphering Interfacial Chemical and Electrochemical Reactions of Sulfideâ€Based Allâ€Solidâ€State Batteries. Advanced Energy Materials, 2021, 11, 2100210.	19.5	63
11	New Insights into the Highâ€Performance Black Phosphorus Anode for Lithiumâ€Ion Batteries. Advanced Materials, 2021, 33, e2101259.	21.0	41
12	Advanced Highâ€Voltage Allâ€Solidâ€State Liâ€Ion Batteries Enabled by a Dualâ€Halogen Solid Electrolyte. Advanced Energy Materials, 2021, 11, 2100836.	19.5	64
13	Realizing Highâ€Performance Liâ€S Batteries through Additive Manufactured and Chemically Enhanced Cathodes. Small Methods, 2021, 5, e2100176.	8.6	12
14	Superionic Fluorinated Halide Solid Electrolytes for Highly Stable Liâ€Metal in Allâ€Solidâ€State Li Batteries. Advanced Energy Materials, 2021, 11, 2101915.	19.5	61
15	A universal wet-chemistry synthesis of solid-state halide electrolytes for all-solid-state lithium-metal batteries. Science Advances, 2021, 7, eabh1896.	10.3	93
16	A liquid-free poly(butylene oxide) electrolyte for near-room-temperature and 4-V class all-solid-state lithium batteries. Nano Energy, 2021, 90, 106566.	16.0	7
17	An Airâ€Stable and Liâ€Metalâ€Compatible Glassâ€Ceramic Electrolyte enabling Highâ€Performance Allâ€Solidâ€State Li Metal Batteries. Advanced Materials, 2021, 33, e2006577.	21.0	82
18	Dual-functional interfaces for highly stable Ni-rich layered cathodes in sulfide all-solid-state batteries. Energy Storage Materials, 2020, 27, 117-123.	18.0	109

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19	A 3D-printed ultra-high Se loading cathode for high energy density quasi-solid-state Liâ€“Se batteries. Journal of Materials Chemistry A, 2020, 8, 278-286.	10.3	41
20	Superionic conductivity in lithium argyrodite solid-state electrolyte by controlled Cl-doping. Nano Energy, 2020, 69, 104396.	16.0	76
21	Unraveling the Origin of Moisture Stability of Halide Solid-State Electrolytes by <i>In Situ</i> and <i>Operando</i> Synchrotron X-ray Analytical Techniques. Chemistry of Materials, 2020, 32, 7019-7027.	6.7	69
22	Tuning ionic conductivity and electrode compatibility of Li3YBr6 for high-performance all solid-state Li batteries. Nano Energy, 2020, 77, 105097.	16.0	41
23	Tuning bifunctional interface for advanced sulfide-based all-solid-state batteries. Energy Storage Materials, 2020, 33, 139-146.	18.0	44
24	Origin of Superionic Li₃Y_{1â€“<i>x</i>}In_{<i>x</i>}Cl₆ Halide Solid Electrolytes with High Humidity Tolerance. Nano Letters, 2020, 20, 4384-4392.	9.1	94
25	Enabling ultrafast ionic conductivity in Br-based lithium argyrodite electrolytes for solid-state batteries with different anodes. Energy Storage Materials, 2020, 30, 238-249.	18.0	46
26	Single crystal cathodes enabling high-performance all-solid-state lithium-ion batteries. Energy Storage Materials, 2020, 30, 98-103.	18.0	109
27	Sizeâ€Mediated Recurring Spinel Subâ€nanodomains in Liâ€•and Mnâ€Rich Layered Cathode Materials. Angewandte Chemie, 2020, 132, 14419-14426.	2.0	9
28	Sizeâ€Mediated Recurring Spinel Subâ€nanodomains in Liâ€•and Mnâ€Rich Layered Cathode Materials. Angewandte Chemie - International Edition, 2020, 59, 14313-14320.	13.8	46
29	Interface-assisted in-situ growth of halide electrolytes eliminating interfacial challenges of all-inorganic solid-state batteries. Nano Energy, 2020, 76, 105015.	16.0	80
30	Halide-based solid-state electrolyte as an interfacial modifier for high performance solid-state Liâ€“O2 batteries. Nano Energy, 2020, 75, 105036.	16.0	45
31	Totally compatible P4S10+n cathodes with self-generated Li+ pathways for sulfide-based all-solid-state batteries. Energy Storage Materials, 2020, 28, 325-333.	18.0	17
32	Unveiling the critical role of interfacial ionic conductivity in all-solid-state lithium batteries. Nano Energy, 2020, 72, 104686.	16.0	56
33	Eliminating the Detrimental Effects of Conductive Agents in Sulfide-Based Solid-State Batteries. ACS Energy Letters, 2020, 5, 1243-1251.	17.4	80
34	Site-Occupation-Tuned Superionic Li_{<i>x</i>}ScCl_{3+<i>x</i>}Halide Solid Electrolytes for All-Solid-State Batteries. Journal of the American Chemical Society, 2020, 142, 7012-7022.	13.7	260
35	Determining the limiting factor of the electrochemical stability window for PEO-based solid polymer electrolytes: main chain or terminal â€“OH group?. Energy and Environmental Science, 2020, 13, 1318-1325.	30.8	342
36	Ultrastable Anode Interface Achieved by Fluorinating Electrolytes for All-Solid-State Li Metal Batteries. ACS Energy Letters, 2020, 5, 1035-1043.	17.4	176

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37	3D Vertically Aligned Li Metal Anodes with Ultrahigh Cycling Currents and Capacities of 10 mA cm^{âˆ’2}/20 mAh cm^{âˆ’2} Realized by Selective Nucleation within Microchannel Walls. Advanced Energy Materials, 2020, 10, 1903753.	19.5	62
38	A Versatile Snâ€Substituted Argyrodite Sulfide Electrolyte for Allâ€Solidâ€State Li Metal Batteries. Advanced Energy Materials, 2020, 10, 1903422.	19.5	183
39	Li₁₀Ge(P_{1â€“<i>x</i>}Sb<i>_x</i>)₂S₁₂ Lithium-Ion Conductors with Enhanced Atmospheric Stability. Chemistry of Materials, 2020, 32, 2664-2672.	6.7	125
40	Gradiently Sodiated Alucone as an Interfacial Stabilizing Strategy for Solidâ€State Na Metal Batteries. Advanced Functional Materials, 2020, 30, 2001118.	14.9	53
41	Li2CO3 effects: New insights into polymer/garnet electrolytes for dendrite-free solid lithium batteries. Nano Energy, 2020, 73, 104836.	16.0	65
42	Progress and perspectives on halide lithium conductors for all-solid-state lithium batteries. Energy and Environmental Science, 2020, 13, 1429-1461.	30.8	366
43	An Airâ€Stable and Dendriteâ€Free Li Anode for Highly Stable Allâ€Solidâ€State Sulfideâ€Based Li Batteries. Advanced Energy Materials, 2019, 9, 1902125.	19.5	133
44	Waterâ€Mediated Synthesis of a Superionic Halide Solid Electrolyte. Angewandte Chemie, 2019, 131, 16579-16584.	2.0	92
45	Waterâ€Mediated Synthesis of a Superionic Halide Solid Electrolyte. Angewandte Chemie - International Edition, 2019, 58, 16427-16432.	13.8	232
46	RÃ¼cktitelbild: Waterâ€Mediated Synthesis of a Superionic Halide Solid Electrolyte (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	0
47	Air-stable Li₃InCl₆ electrolyte with high voltage compatibility for all-solid-state batteries. Energy and Environmental Science, 2019, 12, 2665-2671.	30.8	345
48	Unravelling the Chemistry and Microstructure Evolution of a Cathodic Interface in Sulfide-Based All-Solid-State Li-Ion Batteries. ACS Energy Letters, 2019, 4, 2480-2488.	17.4	154
49	Cobaltâ€Doped SnS₂ with Dual Active Centers of Synergistic Absorptionâ€Catalysis Effect for Highâ€S Loading Liâ€S Batteries. Advanced Functional Materials, 2019, 29, 1806724.	14.9	186
50	<i>In situ</i> formation of highly controllable and stable Na₃PS₄ as a protective layer for Na metal anode. Journal of Materials Chemistry A, 2019, 7, 4119-4125.	10.3	51
51	Solidâ€State Plastic Crystal Electrolytes: Effective Protection Interlayers for Sulfideâ€Based Allâ€Solidâ€State Lithium Metal Batteries. Advanced Functional Materials, 2019, 29, 1900392.	14.9	154
52	Prelithiated Surface Oxide Layer Enabled High-Performance Si Anode for Lithium Storage. ACS Applied Materials & Interfaces, 2019, 11, 18305-18312.	8.0	58
53	Manipulating Interfacial Nanostructure to Achieve Highâ€Performance Allâ€Solidâ€State Lithiumâ€Ion Batteries. Small Methods, 2019, 3, 1900261.	8.6	90
54	Ultrathin Î´-MnO2 nanosheets as cathode for aqueous rechargeable zinc ion battery. Electrochimica Acta, 2019, 304, 370-377.	5.2	207

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55	Highâ€Performance Liâ€“SeS<i>_x</i> Allâ€Solidâ€State Lithium Batteries. Advanced Materials, 2019, 31, e1808100.	21.0	121
56	Dendrite-tamed deposition kinetics using single-atom Zn sites for Li metal anode. Energy Storage Materials, 2019, 23, 587-593.	18.0	73
57	Stabilizing Sulfur Cathode in Carbonate and Ether Electrolytes: Excluding Long-Chain Lithium Polysulfide Formation and Switching Lithiation/Delithiation Route. Chemistry of Materials, 2019, 31, 2002-2009.	6.7	32
58	Designing a highly efficient polysulfide conversion catalyst with paramontroseite for high-performance and long-life lithium-sulfur batteries. Nano Energy, 2019, 57, 230-240.	16.0	190
59	Toward a remarkable Li-S battery via 3D printing. Nano Energy, 2019, 56, 595-603.	16.0	115
60	Self-Standing Hierarchical P/CNTs@rGO with Unprecedented Capacity and Stability for Lithium and Sodium Storage. CheM, 2018, 4, 372-385.	11.7	128
61	Manipulating the Redox Kinetics of Liâ€“S Chemistry by Tellurium Doping for Improved Liâ€“S Batteries. ACS Energy Letters, 2018, 3, 420-427.	17.4	146
62	Mesoporous germanium nanoparticles synthesized in molten zinc chloride at low temperature as a high-performance anode for lithium-ion batteries. Dalton Transactions, 2018, 47, 7402-7406.	3.3	22
63	In Situ Li₃PS₄ Solidâ€State Electrolyte Protection Layers for Superior Longâ€Life and Highâ€Rate Lithiumâ€Metal Anodes. Advanced Materials, 2018, 30, e1804684.	21.0	140
64	A high-energy sulfur cathode in carbonate electrolyte by eliminating polysulfides via solid-phase lithium-sulfur transformation. Nature Communications, 2018, 9, 4509.	12.8	175
65	NiS_{1.03} Hollow Spheres and Cages as Superhigh Rate Capacity and Stable Anode Materials for Half/Full Sodium-Ion Batteries. ACS Nano, 2018, 12, 8277-8287.	14.6	127
66	High-performance all-solid-state Liâ€“Se batteries induced by sulfide electrolytes. Energy and Environmental Science, 2018, 11, 2828-2832.	30.8	99
67	Stabilizing interface between Li10SnP2S12 and Li metal by molecular layer deposition. Nano Energy, 2018, 53, 168-174.	16.0	132
68	Nitrogenâ€Doped Grapheneâ€Supported Mixed Transitionâ€Metal Oxide Porous Particles to Confine Polysulfides for Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2018, 8, 1800595.	19.5	151
69	Optimization of Microporous Carbon Structures for Lithiumâ€“Sulfur Battery Applications in Carbonateâ€Based Electrolyte. Small, 2017, 13, 1603533.	10.0	64
70	Facile synthesis and electrochemistry of a new cubic rocksalt Li_xV_yO₂ (x = 0.78, y = 0.75) electrode material. Journal of Materials Chemistry A, 2017, 5, 5148-5155.	10.3	7
71	Sulfurâ€Rich Phosphorus Sulfide Molecules for Use in Rechargeable Lithium Batteries. Angewandte Chemie - International Edition, 2017, 56, 2937-2941.	13.8	50
72	Sulfurâ€Rich Phosphorus Sulfide Molecules for Use in Rechargeable Lithium Batteries. Angewandte Chemie, 2017, 129, 2983-2987.	2.0	6

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73	Surfactant widens the electrochemical window of an aqueous electrolyte for better rechargeable aqueous sodium/zinc battery. Journal of Materials Chemistry A, 2017, 5, 730-738.	10.3	287
74	Wetâ€Chemical Synthesis of Hollow Redâ€Phosphorus Nanospheres with Porous Shells as Anodes for Highâ€Performance Lithiumâ€Ion and Sodiumâ€Ion Batteries. Advanced Materials, 2017, 29, 1700214.	21.0	213
75	Multiphase Ge-based Ge/FeGe/FeGe2/C composite anode for high performance lithium ion batteries. Electrochimica Acta, 2017, 253, 522-529.	5.2	27
76	Synthesis of MoS₂ @C Nanotubes Via the Kirkendall Effect with Enhanced Electrochemical Performance for Lithium Ion and Sodium Ion Batteries. Small, 2016, 12, 2484-2491.	10.0	192
77	A Composite Structure of Cu₃Ge/Ge/C Anode Promise Better Rate Property for Lithium Battery. Small, 2016, 12, 6024-6032.	10.0	26
78	MoO 2 nanoparticles as high capacity intercalation anode material for long-cycle lithium ion battery. Electrochimica Acta, 2016, 213, 416-422.	5.2	26
79	Bi2S3 in-situ formed in molten S environment stabilized sulfur cathodes for high-performance lithium-sulfur batteries. Journal of Power Sources, 2016, 329, 379-386.	7.8	24
80	Sn nanoparticles uniformly dispersed in N-doped hollow carbon nanospheres as anode for lithium-ion batteries. Materials Letters, 2016, 184, 332-335.	2.6	13
81	A simple melting-diffusing-reacting strategy to fabricate S/NiS₂â€“C for lithiumâ€“sulfur batteries. Nanoscale, 2016, 8, 17616-17622.	5.6	100
82	SnS₂- Compared to SnO₂-Stabilized S/C Composites toward High-Performance Lithium Sulfur Batteries. ACS Applied Materials & Interfaces, 2016, 8, 19550-19557.	8.0	102
83	One-step thermolysis synthesis of two-dimensional ultrafine Fe₃O₄particles/carbon nanonetworks for high-performance lithium-ion batteries. Nanoscale, 2016, 8, 4733-4741.	5.6	67
84	A Deep Reduction and Partial Oxidation Strategy for Fabrication of Mesoporous Si Anode for Lithium Ion Batteries. ACS Nano, 2016, 10, 2295-2304.	14.6	121
85	Trace Fe³⁺ mediated synthesis of LiFePO₄ micro/nanostructures towards improved electrochemical performance for lithium-ion batteries. RSC Advances, 2016, 6, 456-463.	3.6	17
86	Porous silicon nano-aggregate from silica fume as an anode for high-energy lithium-ion batteries. RSC Advances, 2016, 6, 30577-30581.	3.6	15
87	Origin of additional capacities in selenium-based ZnSe@C nanocomposite Li-ion battery electrodes. Electrochemistry Communications, 2016, 65, 44-47.	4.7	49
88	Na-birnessite with high capacity and long cycle life for rechargeable aqueous sodium-ion battery cathode electrodes. Journal of Materials Chemistry A, 2016, 4, 856-860.	10.3	62
89	A New Saltâ€Baked Approach for Confining Selenium in Metal Complexâ€Derived Porous Carbon with Superior Lithium Storage Properties. Advanced Functional Materials, 2015, 25, 5229-5238.	14.9	117
90	Rational design of SnO2 aggregation nanostructure with uniform pores and its supercapacitor application. Journal of Materials Science: Materials in Electronics, 2015, 26, 6143-6147.	2.2	10

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91	A synchronous approach for facile production of Geâ€“carbon hybrid nanoparticles for high-performance lithium batteries. Chemical Communications, 2015, 51, 3882-3885.	4.1	40
92	Electrochemical performance of rod-like Sbâ€“C composite as anodes for Li-ion and Na-ion batteries. Journal of Materials Chemistry A, 2015, 3, 3276-3280.	10.3	94
93	High yield fabrication of hollow vesica-like silicon based on the Kirkendall effect and its application to energy storage. Nanoscale, 2015, 7, 3440-3444.	5.6	51
94	A potential pyrrhotite (Fe₇S₈) anode material for lithium storage. RSC Advances, 2015, 5, 14828-14831.	3.6	65
95	The design of a high-energy Li-ion battery using germanium-based anode and LiCoO2 cathode. Journal of Power Sources, 2015, 293, 868-875.	7.8	47
96	Amorphous S-rich S_{1â^’x}Se_x/C (x â‰ 0.1) composites promise better lithiumâ€“sulfur batteries in a carbonate-based electrolyte. Energy and Environmental Science, 2015, 8, 3181-3186.	30.8	164
97	Porous TiNb2O7 Nanospheres as ultra Long-life and High-power Anodes for Lithium-ion Batteries. Electrochimica Acta, 2015, 176, 456-462.	5.2	83
98	Synthesis of nanorod-FeP@C composites with hysteretic lithiation in lithium-ion batteries. Dalton Transactions, 2015, 44, 10297-10303.	3.3	58
99	Grapheneâ€“encapsulated selenium/polyaniline coreâ€“shell nanowires with enhanced electrochemical performance for Liâ€“Se batteries. Nano Energy, 2015, 13, 592-600.	16.0	108
100	Honeycomb-like Macro-Germanium as High-Capacity Anodes for Lithium-Ion Batteries with Good Cycling and Rate Performance. Chemistry of Materials, 2015, 27, 4156-4164.	6.7	70
101	Nanoporous silicon prepared through air-oxidation demagnesiation of Mg₂Si and properties of its lithium ion batteries. Chemical Communications, 2015, 51, 7230-7233.	4.1	61
102	Synchronously synthesized Si@C composites through solvothermal oxidation of Mg₂Si as lithium ion battery anode. RSC Advances, 2015, 5, 71355-71359.	3.6	8
103	Nitrogen-doped porous interconnected double-shelled hollow carbon spheres with high capacity for lithium ion batteries and sodium ion batteries. Electrochimica Acta, 2015, 155, 174-182.	5.2	166
104	An aqueous rechargeable sodium ion battery based on a NaMnO₂â€“NaTi₂(PO₄)₃ hybrid system for stationary energy storage. Journal of Materials Chemistry A, 2015, 3, 1400-1404.	10.3	179
105	Hydrothermal synthesis of nano-silicon from a silica sol and its use in lithium ion batteries. Nano Research, 2015, 8, 1497-1504.	10.4	62
106	Comparison between SnSbâ€“C and Snâ€“C composites as anode materials for lithium-ion batteries. RSC Advances, 2014, 4, 62301-62307.	3.6	23
107	Solid-state synthesis of uniform Li2MnSiO4/C/graphene composites and their performance in lithium-ion batteries. Journal of Power Sources, 2014, 246, 192-197.	7.8	40
108	Stable Cycling of Fe₂O₃ Nanorice as an Anode through Electrochemical Porousness and the Solidâ€“Electrolyte Interphase Thermolysis Approach. ChemPlusChem, 2014, 79, 143-150.	2.8	14

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109	One-pot hydrothermal synthesis of peony-like Ag/Ag_{0.68}V₂O₅ hybrid as high-performance anode and cathode materials for rechargeable lithium batteries. Nanoscale, 2014, 6, 5239-5244.	5.6	15
110	Fabrication of one-dimensional SnO2/MoO3/C nanostructure assembled of stacking SnO2 nanosheets from its heterostructure precursor and its application in lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 9784.	10.3	38
111	Recycling chicken eggshell membranes for high-capacity sodium battery anodes. RSC Advances, 2014, 4, 50950-50954.	3.6	31
112	Low temperature chemical reduction of fusional sodium metasilicate nonahydrate into a honeycomb porous silicon nanostructure. Chemical Communications, 2014, 50, 6856.	4.1	25
113	Bulk Ti₂Nb₁₀O₂₉as long-life and high-power Li-ion battery anodes. Journal of Materials Chemistry A, 2014, 2, 17258-17262.	10.3	112
114	Synthesis of Co2SnO4 hollow cubes encapsulated in graphene as high capacity anode materials for lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 2728.	10.3	68
115	Coordination complex pyrolyzation for the synthesis of nanostructured GeO₂with high lithium storage properties. Chemical Communications, 2014, 50, 13956-13959.	4.1	34
116	Selenium/interconnected porous hollow carbon bubbles composites as the cathodes of Liâ€“Se batteries with high performance. Nanoscale, 2014, 6, 12952-12957.	5.6	101
117	Ferric chlorideâ€Graphite Intercalation Compounds as Anode Materials for Liâ€ion Batteries. ChemSusChem, 2014, 7, 87-91.	6.8	44
118	Layer structured Î±-FeSe: A potential anode material for lithium storage. Electrochemistry Communications, 2014, 38, 124-127.	4.7	62
119	Solvothermal synthesis of micro-/nanoscale Cu/Li4Ti5O12 composites for high rate Li-ion batteries. Electrochimica Acta, 2014, 123, 346-352.	5.2	38
120	Graphene-Supported NaTi₂(PO₄)₃as a High Rate Anode Material for Aqueous Sodium Ion Batteries. Journal of the Electrochemical Society, 2014, 161, A1181-A1187.	2.9	98
121	Uniformly dispersed Sn-MnO@C nanocomposite derived from MnSn(OH)6 precursor as anode material for lithium-ion batteries. Electrochimica Acta, 2014, 121, 21-26.	5.2	25
122	Synthesis of a novel carbon network-supported Fe3O4@C composite and its applications in high-power lithium-ion batteries. Electrochimica Acta, 2013, 111, 809-813.	5.2	13
123	Simple synthesis of yolk-shelled ZnCo2O4 microspheres towards enhancing the electrochemical performance of lithium-ion batteries in conjunction with a sodium carboxymethyl cellulose binder. Journal of Materials Chemistry A, 2013, 1, 15292.	10.3	151
124	Facile formation of graphene-encapsulated Î±-Fe2O3 nanorice as enhanced anode materials for lithium storage. Electrochimica Acta, 2013, 114, 779-784.	5.2	16
125	Formation of Grapheneâ€Wrapped Nanocrystals at Room Temperature through the Colloidal Coagulation Effect. Particle and Particle Systems Characterization, 2013, 30, 143-147.	2.3	39
126	Synthesis of Fe3O4@C coreâ€“shell nanorings and their enhanced electrochemical performance for lithium-ion batteries. Nanoscale, 2013, 5, 3627.	5.6	94

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127	MnO@1-D carbon composites from the precursor C4H4MnO6 and their high-performance in lithium batteries. RSC Advances, 2013, 3, 10001.	3.6	69
128	Synthesis of MnO@C coreâ€“shell nanoplates with controllable shell thickness and their electrochemical performance for lithium-ion batteries. Journal of Materials Chemistry, 2012, 22, 17864.	6.7	114
129	Hydrothermal synthesis of layered Li1.81H0.19Ti2O5Â·xH2O nanosheets and their transformation to single-crystalline Li4Ti5O12 nanosheets as the anode materials for Li-ion batteries. CrystEngComm, 2012, 14, 6435.	2.6	47