

# Jiangping Tu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131  
papers

8,161  
citations

59  
h-index

87  
g-index

132  
ext. papers

9,512  
ext. citations

10.5  
avg, IF

6.38  
L-index

#	Paper	IF	Citations
131	Ionic Liquid-Impregnated ZIF-8/Polypropylene Solid-like Electrolyte for Dendrite-free Lithium-Metal Batteries.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,	9.5	7
130	A cleverly designed asymmetrical composite electrolyte via in-situ polymerization for high-performance, dendrite-free solid state lithium metal battery. <i>Chemical Engineering Journal</i> , <b>2022</b> , 435, 135030	14.7	1
129	In-situ generated Li <sub>3</sub> N/Li-Al alloy in reduced graphene oxide framework optimizing ultra-thin lithium metal electrode for solid-state batteries. <i>Energy Storage Materials</i> , <b>2022</b> , 49, 546-554	19.4	1
128	Ultrafast Synthesis of I-Rich Lithium Argyrodite Glass-Ceramic Electrolyte with High Ionic Conductivity. <i>Advanced Materials</i> , <b>2021</b> , e2107346	24	5
127	Optimizing quasi-solid-state sodium storage performance of Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>2.5</sub> O <sub>0.5</sub> cathode by structural design plus nitrogen doping. <i>Chemical Engineering Journal</i> , <b>2021</b> , 433, 133557	14.7	1
126	Single-Crystal-Layered Ni-Rich Oxide Modified by Phosphate Coating Boosting Interfacial Stability of Li SnP S -Based All-Solid-State Li Batteries. <i>Small</i> , <b>2021</b> , 17, e2103830	11	4
125	Sodium-storage behavior of electron-rich element-doped amorphous carbon. <i>Applied Physics Reviews</i> , <b>2021</b> , 8, 011402	17.3	8
124	Self-Healing Properties of Alkali Metals under High-Energy Conditions in Batteries. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2100470	21.8	6
123	Porous Composite Gel Polymer Electrolyte with Interfacial Transport Pathways for Flexible Quasi Solid Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 23743-23750	9.5	4
122	A Stretchable and Safe Polymer Electrolyte with a Protecting-Layer Strategy for Solid-State Lithium Metal Batteries. <i>Advanced Science</i> , <b>2021</b> , 8, 2003241	13.6	16
121	Robust LiPSI Interlayer to Stabilize the Tailored Electrolyte LiSnPSF/Li Metal Interface. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 30739-30745	9.5	3
120	Ti <sub>2</sub> Nb <sub>10</sub> O <sub>29</sub> anchored on Aspergillus Oryzae spore carbon skeleton for advanced lithium ion storage. <i>Sustainable Materials and Technologies</i> , <b>2021</b> , 28, e00272	5.3	3
119	Nitrogen doped vertical graphene as metal-free electrocatalyst for hydrogen evolution reaction. <i>Materials Research Bulletin</i> , <b>2021</b> , 134, 111094	5.1	12
118	In situ formation of a Li <sub>3</sub> N-rich interface between lithium and argyrodite solid electrolyte enabled by nitrogen doping. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 13531-13539	13	15
117	A Versatile Li <sub>6.5</sub> In <sub>0.25</sub> P <sub>0.75</sub> S <sub>5</sub> I Sulfide Electrolyte Triggered by Ultimate-Energy Mechanical Alloying for All-Solid-State Lithium Metal Batteries. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2101521	21.8	8
116	An intercalation compound for high-safe K metal batteries. <i>Energy Storage Materials</i> , <b>2021</b> , 41, 606-613	19.4	13
115	High-performance Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>2.5</sub> O <sub>0.5</sub> cathode: Hybrid reaction mechanism study via ex-situ XRD and sodium storage properties in solid-state batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 423, 130310	14.7	3

114	Ionic-liquid-containing polymer interlayer modified PEO-based electrolyte for stable high-voltage solid-state lithium metal battery. <i>Chemical Engineering Journal</i> , <b>2021</b> , 424, 130522	14.7	7
113	A mono-comb poly (siloxane-g-ethylene oxide) electrospun fiber membrane for solid-state sodium ion batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 131901	14.7	4
112	High Performance Single-Crystal Ni-Rich Cathode Modification via Crystalline LLTO Nanocoating for All-Solid-State Lithium Batteries.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	4
111	Electrode Design for Lithium-Sulfur Batteries: Problems and Solutions. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1910375	15.6	109
110	Sodium-rich manganese oxide porous microcubes with polypyrrole coating as a superior cathode for sodium ion full batteries. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 565, 218-226	9.3	14
109	Anchoring MnO <sub>2</sub> on nitrogen-doped porous carbon nanosheets as flexible arrays cathodes for advanced rechargeable Zn/MnO <sub>2</sub> batteries. <i>Energy Storage Materials</i> , <b>2020</b> , 29, 52-59	19.4	59
108	Low-strain titanium-based oxide electrodes for electrochemical energy storage devices: design, modification, and application. <i>Materials Today Nano</i> , <b>2020</b> , 11, 100085	9.7	14
107	Promotion effect of nitrogen-doped functional carbon nanodots on the early growth stage of plants <b>2020</b> , 1,		3
106	High Interfacial-Energy Interphase Promoting Safe Lithium Metal Batteries. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 2438-2447	16.4	93
105	Coupling a Sponge Metal Fibers Skeleton with In Situ Surface Engineering to Achieve Advanced Electrodes for Flexible Lithium-Sulfur Batteries. <i>Advanced Materials</i> , <b>2020</b> , 32, e2003657	24	45
104	Improved Ionic Conductivity and Li Dendrite Suppression Capability toward LiPS-Based Solid Electrolytes Triggered by Nb and O Cosubstitution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 54662-54670	9.5	17
103	Anchoring SnS on TiC/C Backbone to Promote Sodium Ion Storage by Phosphate Ion Doping. <i>Small</i> , <b>2020</b> , 16, e2004072	11	21
102	Exploring the Stability Effect of the Co-Substituted P2-Na[MnNi]O Cathode for Liquid- and Solid-State Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 41477-41484	9.5	8
101	Directional construction of Cu <sub>2</sub> S branch arrays for advanced oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , <b>2019</b> , 39, 61-67	12	30
100	Smart construction of intimate interface between solid polymer electrolyte and 3D-array electrode for quasi-solid-state lithium ion batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 434, 226726	8.9	7
99	Original growth mechanism for ultra-stable dendrite-free potassium metal electrode. <i>Nano Energy</i> , <b>2019</b> , 62, 367-375	17.1	55
98	Cobalt disulfide-modified cellular hierarchical porous carbon derived from bovine bone for application in high-performance lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 551, 219-226	9.3	21
97	Implanting Niobium Carbide into Trichoderma Spore Carbon: a New Advanced Host for Sulfur Cathodes. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900009	24	132

96	Enhancement of the advanced Na storage performance of Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> in a symmetric sodium full cell via a dual strategy design. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 10231-10238	13	32
95	Multiscale Graphene-Based Materials for Applications in Sodium Ion Batteries. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1803342	21.8	146
94	Multiscale Porous Carbon Nanomaterials for Applications in Advanced Rechargeable Batteries. <i>Batteries and Supercaps</i> , <b>2019</b> , 2, 9-36	5.6	41
93	Non-Newtonian Fluid State KNa Alloy for a Stretchable Energy Storage Device. <i>Small Methods</i> , <b>2019</b> , 3, 1900383	12.8	22
92	Enhanced Li-Storage of Ni S Nanowire Arrays with N-Doped Carbon Coating Synthesized by One-Step CVD Process and Investigated Via Ex Situ TEM. <i>Small</i> , <b>2019</b> , 15, e1904433	11	10
91	Boosting High-Rate Sodium Storage Performance of N-Doped Carbon-Encapsulated Na V (PO ) Nanoparticles Anchoring on Carbon Cloth. <i>Small</i> , <b>2019</b> , 15, e1902432	11	35
90	Ti Self-Doped Li Ti O Anchored on N-Doped Carbon Nanofiber Arrays for Ultrafast Lithium-Ion Storage. <i>Small</i> , <b>2019</b> , 15, e1905296	11	35
89	High Capacity and Superior Rate Performances Coexisting in Carbon-Based Sodium-Ion Battery Anode. <i>Research</i> , <b>2019</b> , 2019, 6930294	7.8	7
88	Porous Carbon Hosts for Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 3710-3725	4.8	85
87	N-doped CoO nanowire arrays as efficient electrocatalysts for oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , <b>2019</b> , 37, 13-17	12	36
86	Facile interfacial modification via in-situ ultraviolet solidified gel polymer electrolyte for high-performance solid-state lithium ion batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 409, 31-37	8.9	49
85	In Situ Solid Electrolyte Interphase from Spray Quenching on Molten Li: A New Way to Construct High-Performance Lithium-Metal Anodes. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806470	24	101
84	A poly (vinylidene fluoride-hexafluoropropylene) based three-dimensional network gel polymer electrolyte for solid-state lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , <b>2019</b> , 358, 1047-1053	14.7	79
83	A preeminent gel blending polymer electrolyte of poly(vinylidene fluoride-hexafluoropropylene) -poly(propylene carbonate) for solid-state lithium ion batteries. <i>Electrochimica Acta</i> , <b>2019</b> , 296, 1064-1069	6.7	37
82	Niobium doped tungsten oxide mesoporous film with enhanced electrochromic and electrochemical energy storage properties. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 535, 300-307	9.3	29
81	A novel durable double-conductive core-shell structure applying to the synthesis of silicon anode for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2018</b> , 384, 207-213	8.9	71
80	A superior composite gel polymer electrolyte of Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> - poly(vinylidene fluoride-hexafluoropropylene) (PVDF-HFP) for rechargeable solid-state lithium ion batteries. <i>Materials Research Bulletin</i> , <b>2018</b> , 102, 412-417	5.1	48
79	Pine-Needle-Like Cu-Co Skeleton Compositated with Li Ti O Forming Core-Branch Arrays for High-Rate Lithium Ion Storage. <i>Small</i> , <b>2018</b> , 14, e1704339	11	36

78	Metal-Embedded Porous Graphitic Carbon Fibers Fabricated from Bamboo Sticks as a Novel Cathode for Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 13598-13605	9.5	44
77	Confining Sulfur in Integrated Composite Scaffold with Highly Porous Carbon Fibers/Vanadium Nitride Arrays for High-Performance Lithium Sulfur Batteries. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1706391	15.6	258
76	Smart Construction of Integrated CNTs/LiTiO Core/Shell Arrays with Superior High-Rate Performance for Application in Lithium-Ion Batteries. <i>Advanced Science</i> , <b>2018</b> , 5, 1700786	13.6	118
75	Hierarchical MoS <sub>2</sub> @Polypyrrole core-shell microspheres with enhanced electrochemical performances for lithium storage. <i>Electrochimica Acta</i> , <b>2018</b> , 269, 632-639	6.7	26
74	Recent Developments of All-Solid-State Lithium Secondary Batteries with Sulfide Inorganic Electrolytes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6007-6018	4.8	36
73	Rationally Designed Silicon Nanostructures as Anode Material for Lithium-Ion Batteries. <i>Advanced Engineering Materials</i> , <b>2018</b> , 20, 1700591	3.5	72
72	Popcorn Inspired Porous Macrocellular Carbon: Rapid Puffing Fabrication from Rice and Its Applications in Lithium Sulfur Batteries. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1701110	21.8	317
71	Interfacial challenges and progress for inorganic all-solid-state lithium batteries. <i>Electrochimica Acta</i> , <b>2018</b> , 284, 177-187	6.7	67
70	Boosting sodium ion storage by anchoring MoO <sub>2</sub> on vertical graphene arrays. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 15546-15552	13	98
69	StrawBrick-Like Carbon Fiber Cloth/Lithium Composite Electrode as an Advanced Lithium Metal Anode. <i>Small Methods</i> , <b>2018</b> , 2, 1800035	12.8	80
68	Hierarchical MoS <sub>2</sub> /Carbon Composite Microspheres as Advanced Anodes for Lithium/Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11220-11226	4.8	49
67	Enhancing Ultrafast Lithium Ion Storage of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> by Tailored TiC/C Core/Shell Skeleton Plus Nitrogen Doping. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802756	15.6	118
66	Exploring hydrogen molybdenum bronze for sodium ion storage: Performance enhancement by vertical graphene core and conductive polymer shell. <i>Nano Energy</i> , <b>2018</b> , 44, 265-271	17.1	62
65	Composite Li metal anode with vertical graphene host for high performance Li-S batteries. <i>Journal of Power Sources</i> , <b>2018</b> , 374, 205-210	8.9	33
64	3D TiC/C Core/Shell Nanowire Skeleton for Dendrite-Free and Long-Life Lithium Metal Anode. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1702322	21.8	204
63	Vertical graphene/Ti <sub>2</sub> Nb <sub>10</sub> O <sub>29</sub> /hydrogen molybdenum bronze composite arrays for enhanced lithium ion storage. <i>Energy Storage Materials</i> , <b>2018</b> , 12, 137-144	19.4	93
62	Rational coating of Li <sub>7</sub> P <sub>3</sub> S <sub>11</sub> solid electrolyte on MoS <sub>2</sub> electrode for all-solid-state lithium ion batteries. <i>Journal of Power Sources</i> , <b>2018</b> , 374, 107-112	8.9	55
61	Exploring Self-Healing Liquid Na-K Alloy for Dendrite-Free Electrochemical Energy Storage. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804011	24	82

60	Interface engineering of sulfide electrolytes for all-solid-state lithium batteries. <i>Nano Energy</i> , <b>2018</b> , 53, 958-966	17.1	133
59	Superior high-rate lithium-ion storage on Ti <sub>2</sub> Nb <sub>10</sub> O <sub>29</sub> arrays via synergistic TiC/C skeleton and N-doped carbon shell. <i>Nano Energy</i> , <b>2018</b> , 54, 304-312	17.1	66
58	Core-shell structure of porous silicon with nitrogen-doped carbon layer for lithium-ion batteries. <i>Materials Research Bulletin</i> , <b>2018</b> , 108, 170-175	5.1	15
57	Hybrid vertical graphene/lithium titanate@CNTs arrays for lithium ion storage with extraordinary performance. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8916-8921	13	66
56	Reconstruction of multidimensional carbon hosts with combined 0D, 1D and 2D networks for enhanced lithium-sulfur batteries. <i>Journal of Power Sources</i> , <b>2017</b> , 342, 224-230	8.9	36
55	Natural biomass-derived carbons for electrochemical energy storage. <i>Materials Research Bulletin</i> , <b>2017</b> , 88, 234-241	5.1	103
54	Rational construction of a metal core for smart combination with Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> as integrated arrays with superior high-rate Li-ion storage performance. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 1394-1399 <sup>13</sup>	13	61
53	Integration of Energy Harvesting and Electrochemical Storage Devices. <i>Advanced Materials Technologies</i> , <b>2017</b> , 2, 1700182	6.8	63
52	Hierarchical porous Ti <sub>2</sub> Nb <sub>10</sub> O <sub>29</sub> nanospheres as superior anode materials for lithium ion storage. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 21134-21139	13	102
51	A Newly Designed Composite Gel Polymer Electrolyte Based on Poly(Vinylidene Fluoride-Hexafluoropropylene) (PVDF-HFP) for Enhanced Solid-State Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15203-15209	4.8	82
50	Construction of All-Solid-State Batteries based on a Sulfur-Graphene Composite and Li Si P S Cl Solid Electrolyte. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 13950-13956	4.8	52
49	Construction of Nitrogen-Doped Carbon-Coated MoSe Microspheres with Enhanced Performance for Lithium Storage. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 12924-12929	4.8	33
48	Performance Enhancement of a Sulfur/Carbon Cathode by Polydopamine as an Efficient Shell for High-Performance Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10610-10615	4.8	16
47	Vertical-Aligned Li S-Graphene Encapsulated within a Carbon Shell as a Free-Standing Cathode for Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11169-11174	4.8	24
46	All-solid-state electrochromic devices based on WO <sub>3</sub>   NiO films: material developments and future applications. <i>Science China Chemistry</i> , <b>2017</b> , 60, 3-12	7.9	59
45	Exploring Advanced Sandwiched Arrays by Vertical Graphene and N-Doped Carbon for Enhanced Sodium Storage. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1601804	21.8	215
44	Carbon fiber-incorporated sulfur/carbon ternary cathode for lithium-sulfur batteries with enhanced performance. <i>Journal of Solid State Electrochemistry</i> , <b>2017</b> , 21, 1203-1210	2.6	20
43	Perovskite solar cell powered electrochromic batteries for smart windows. <i>Materials Horizons</i> , <b>2016</b> , 3, 588-595	14.4	118

42	Self-supporting hierarchical rGO@Ni nanosheet@Co <sub>3</sub> O <sub>4</sub> nanowire array and its application in high-rate batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 327, 281-288	8.9	10
41	Facile synthesis of self-supported Ni <sub>2</sub> P nanosheet@Ni sponge composite for high-rate battery. <i>Journal of Power Sources</i> , <b>2016</b> , 328, 405-412	8.9	20
40	Conversion from Li <sub>2</sub> SO <sub>4</sub> to Li <sub>2</sub> S@C on carbon paper matrix: A novel integrated cathode for lithium-sulfur batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 331, 475-480	8.9	31
39	Facile and scalable synthesis of nanosized core-shell Li <sub>2</sub> S@C composite for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 16653-16660	13	24
38	Nitrogen-Doped Carbon Embedded MoS <sub>2</sub> Microspheres as Advanced Anodes for Lithium- and Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 11617-23	4.8	93
37	Targeted Growth of Pt on 2D Atomic Layers of Ni-Al Hydroxide: Assembly of the Pt/Exfoliated Ni-Al Hydroxide sheet/Graphene Composite as Electrocatalysts for Methanol Oxidation Reactions. <i>Electrochimica Acta</i> , <b>2016</b> , 222, 938-945	6.7	13
36	Free-standing sulfur cathodes composited with carbon nanorods arrays for Li-S batteries application. <i>Materials Research Bulletin</i> , <b>2016</b> , 83, 474-480	5.1	20
35	A CNT cocoon on sodium manganate nanotubes forming a core/branch cathode coupled with a helical carbon nanofibre anode for enhanced sodium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 11207-11213	13	80
34	Binder-free network-enabled MoS <sub>2</sub> -PPY-rGO ternary electrode for high capacity and excellent stability of lithium storage. <i>Journal of Power Sources</i> , <b>2016</b> , 307, 510-518	8.9	70
33	Li <sub>2</sub> S@C composite incorporated into 3D reduced graphene oxide as a cathode material for lithium-sulfur batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 313, 233-239	8.9	51
32	Bi-functional Mo-doped WO <sub>3</sub> nanowire array electrochromism-plus electrochemical energy storage. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 465, 112-20	9.3	71
31	Facile fabrication of integrated three-dimensional C-MoSe <sub>2</sub> /reduced graphene oxide composite with enhanced performance for sodium storage. <i>Nano Research</i> , <b>2016</b> , 9, 1618-1629	10	129
30	Preparation of Li <sub>7</sub> P <sub>3</sub> S <sub>11</sub> glass-ceramic electrolyte by dissolution-evaporation method for all-solid-state lithium ion batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 219, 235-240	6.7	107
29	Nitrogen-doped carbon shell on metal oxides core arrays as enhanced anode for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 688, 729-735	5.7	104
28	Porous reduced graphene oxide sheet wrapped silicon composite fabricated by steam etching for lithium-ion battery application. <i>Journal of Power Sources</i> , <b>2015</b> , 286, 431-437	8.9	124
27	Integrated 3D porous C-MoS <sub>2</sub> /nitrogen-doped graphene electrode for high capacity and prolonged stability lithium storage. <i>Journal of Power Sources</i> , <b>2015</b> , 296, 392-399	8.9	84
26	High-energy cathode materials for Li-ion batteries: A review of recent developments. <i>Science China Technological Sciences</i> , <b>2015</b> , 58, 1809-1828	3.5	56
25	Rational in-situ construction of three-dimensional reduced graphene oxide supported Li <sub>2</sub> S/C composite as enhanced cathode for rechargeable lithium-sulfur batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 299, 293-300	8.9	54

24	Crystalline/amorphous tungsten oxide core/shell hierarchical structures and their synergistic effect for optical modulation. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 460, 200-8	9.3	37
23	Binary conductive network for construction of Si/Ag nanowires/rGO integrated composite film by vacuum-filtration method and their application for lithium ion batteries. <i>Electrochimica Acta</i> , <b>2015</b> , 180, 1068-1074	6.7	33
22	An ex-situ nitridation route to synthesize Li <sub>3</sub> N-modified Li anodes for lithium secondary batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 277, 304-311	8.9	138
21	Sulfur/three-dimensional graphene composite for high performance lithium-sulfur batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 275, 22-25	8.9	143
20	Self-assembly silicon/porous reduced graphene oxide composite film as a binder-free and flexible anode for lithium-ion batteries. <i>Electrochimica Acta</i> , <b>2015</b> , 156, 86-93	6.7	73
19	Hollow Li <sub>1.2</sub> Mn <sub>0.5</sub> Co <sub>0.25</sub> Ni <sub>0.05</sub> O <sub>2</sub> microcube prepared by binary template as a cathode material for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 257, 198-204	8.9	52
18	NiO nanoflakes grown on porous graphene frameworks as advanced electrochemical pseudocapacitor materials. <i>Journal of Power Sources</i> , <b>2014</b> , 259, 98-105	8.9	91
17	Growth of vertically aligned hierarchical WO <sub>3</sub> nano-architecture arrays on transparent conducting substrates with outstanding electrochromic performance. <i>Solar Energy Materials and Solar Cells</i> , <b>2014</b> , 124, 103-110	6.4	99
16	Dual electrochromic film based on WO <sub>3</sub> /polyaniline core/shell nanowire array. <i>Solar Energy Materials and Solar Cells</i> , <b>2014</b> , 122, 51-58	6.4	98
15	Sulfur nanocrystals anchored graphene composite with highly improved electrochemical performance for lithium-sulfur batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 270, 1-8	8.9	97
14	Constructed TiO <sub>2</sub> /NiO Core/Shell Nanorod Array for Efficient Electrochromic Application. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 6690-6696	3.8	71
13	Spinel manganese-nickel-cobalt ternary oxide nanowire array for high-performance electrochemical capacitor applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 18040-7	9.5	138
12	Magnetron sputtering amorphous carbon coatings on metallic lithium: Towards promising anodes for lithium secondary batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 266, 43-50	8.9	77
11	Efficient electrochromic materials based on TiO <sub>2</sub> @WO <sub>3</sub> core/shell nanorod arrays. <i>Solar Energy Materials and Solar Cells</i> , <b>2013</b> , 117, 231-238	6.4	90
10	Controllable growth of conducting polymers shell for constructing high-quality organic/inorganic core/shell nanostructures and their optical-electrochemical properties. <i>Nano Letters</i> , <b>2013</b> , 13, 4562-8	11.5	177
9	Graphene-coated mesoporous carbon/sulfur cathode with enhanced cycling stability. <i>Electrochimica Acta</i> , <b>2013</b> , 113, 256-262	6.7	72
8	Synthesis and electrochemical performance of LiVO <sub>3</sub> cathode materials for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2013</b> , 236, 33-38	8.9	31
7	Ultra fast electrochromic switching of nanostructured NiO films electrodeposited from choline chloride-based ionic liquid. <i>Electrochimica Acta</i> , <b>2013</b> , 87, 341-347	6.7	53



6	Three-dimensional porous nano-Ni supported silicon composite film for high-performance lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 213, 106-111	8.9	79
5	Silicon/graphene-sheet hybrid film as anode for lithium ion batteries. <i>Electrochemistry Communications</i> , <b>2012</b> , 23, 17-20	5.1	63
4	Graphene sheet/porous NiO hybrid film for supercapacitor applications. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 10898-905	4.8	246
3	Electrochromic behavior of WO <sub>3</sub> nanotree films prepared by hydrothermal oxidation. <i>Solar Energy Materials and Solar Cells</i> , <b>2011</b> , 95, 2107-2112	6.4	127
2	Fast electrochromic properties of self-supported Co <sub>3</sub> O <sub>4</sub> nanowire array film. <i>Solar Energy Materials and Solar Cells</i> , <b>2010</b> , 94, 386-389	6.4	60
1	An all-solid-state electrochromic device based on NiO/WO <sub>3</sub> complementary structure and solid hybrid polyelectrolyte. <i>Solar Energy Materials and Solar Cells</i> , <b>2009</b> , 93, 1840-1845	6.4	147