

Hao Wu

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115
papers

3,834
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34
h-index

57
g-index

126
ext. papers

4,601
ext. citations

8.2
avg, IF

5.81
L-index

#	Paper	IF	Citations
115	Nitrogen-Doped Graphene Ribbon Assembled Core-Shell MnO@Graphene Scrolls as Hierarchically Ordered 3D Porous Electrodes for Fast and Durable Lithium Storage. <i>Advanced Functional Materials</i> , 2016 , 26, 7754-7765	15.6	210
114	One-step, size-controlled synthesis of gold nanoparticles at room temperature using plant tannin. <i>Green Chemistry</i> , 2010 , 12, 395-399	10	178
113	Polyphenol-grafted collagen fiber as reductant and stabilizer for one-step synthesis of size-controlled gold nanoparticles and their catalytic application to 4-nitrophenol reduction. <i>Green Chemistry</i> , 2011 , 13, 651	10	146
112	A Flexible 3D Multifunctional MgO-Decorated Carbon Foam@CNTs Hybrid as Self-Supported Cathode for High-Performance Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2017 , 27, 1702573	15.6	138
111	H-Insertion Boosted γ -MnO for an Aqueous Zn-Ion Battery. <i>Small</i> , 2020 , 16, e1905842	11	126
110	Cerium fluoride coated layered oxide $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}\text{O}_2$ as cathode materials with improved electrochemical performance for lithium ion batteries. <i>Journal of Power Sources</i> , 2014 , 267, 682-691	8.9	122
109	Graphene-scroll-sheathed γ -MnS coaxial nanocables embedded in N, S Co-doped graphene foam as 3D hierarchically ordered electrodes for enhanced lithium storage. <i>Energy Storage Materials</i> , 2019 , 16, 46-55	19.4	110
108	Hollow SnO nanospheres with oxygen vacancies entrapped by a N-doped graphene network as robust anode materials for lithium-ion batteries. <i>Nanoscale</i> , 2018 , 10, 11460-11466	7.7	99
107	Heterogeneous hydrogenation of nitrobenzenes over recyclable Pd(0) nanoparticle catalysts stabilized by polyphenol-grafted collagen fibers. <i>Applied Catalysis A: General</i> , 2009 , 366, 44-56	5.1	95
106	One-step room-temperature synthesis of Au@Pd core-shell nanoparticles with tunable structure using plant tannin as reductant and stabilizer. <i>Green Chemistry</i> , 2011 , 13, 950	10	91
105	Flakelike LiCoO_2 with Exposed {010} Facets As a Stable Cathode Material for Highly Reversible Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 2723-31	9.5	80
104	Natural Silk Cocoon Derived Nitrogen-doped Porous Carbon Nanosheets for High Performance Lithium-Sulfur Batteries. <i>Electrochimica Acta</i> , 2017 , 227, 7-16	6.7	78
103	Facile synthesis of one-dimensional $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ microrods as advanced cathode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13648-13652	13	77
102	Solvothermal coating $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ microspheres with nanoscale Li_2TiO_3 shell for long lifespan Li-ion battery cathode materials. <i>Journal of Alloys and Compounds</i> , 2016 , 665, 48-56	5.7	71
101	Synthesis of $\text{Li}_2\text{Si}_2\text{O}_5$ -coated $\text{LiNi}_{0.6}\text{Co}_{0.2}\text{Mn}_{0.2}\text{O}_2$ cathode materials with enhanced high-voltage electrochemical properties for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2016 , 674, 447-454	5.7	71
100	Encapsulating yolk-shell FeS_2 @carbon microboxes into interconnected graphene framework for ultrafast lithium/sodium storage. <i>Carbon</i> , 2020 , 159, 366-377	10.4	68
99	Efficient Synthesis of Graphene Nanoscrolls for Fabricating Sulfur-Loaded Cathode and Flexible Hybrid Interlayer toward High-Performance Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 34185-34193	9.5	68

98	Anatase inverse opal TiO ₂ -x@N-doped C induced the dominant pseudocapacitive effect for durable and fast lithium/sodium storage. <i>Electrochimica Acta</i> , 2019 , 299, 540-548	6.7	67
97	Interwoven V ₂ O ₅ nanowire/graphene nanoscroll hybrid assembled as efficient polysulfide-trapping-conversion interlayer for long-life lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 19358-19370	13	65
96	Facile pH-mediated synthesis of morphology-tunable MnCO ₃ and their transformation to truncated octahedral spinel LiMn ₂ O ₄ cathode materials for superior lithium storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 3633-3640	13	62
95	Enhanced electrochemical performance of Li-rich Li _{1.2} Mn _{0.52} Co _{0.08} Ni _{0.2} O ₂ cathode materials for Li-ion batteries by vanadium doping. <i>Electrochimica Acta</i> , 2016 , 209, 448-455	6.7	61
94	A freestanding and flexible nitrogen-doped carbon foam/sulfur cathode composited with reduced graphene oxide for high sulfur loading lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 18020-18028	13	60
93	Facile Synthesis of Size-Controlled Silver Nanoparticles Using Plant Tannin Grafted Collagen Fiber As Reductant and Stabilizer for Microwave Absorption Application in the Whole Ku Band. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 23688-23694	3.8	58
92	Solid Electrolyte Interphases on Sodium Metal Anodes. <i>Advanced Functional Materials</i> , 2020 , 30, 2004891	15.6	56
91	Tailoring yolk-shell FeP@carbon nanoboxes with engineered void space for pseudocapacitance-boosted lithium storage. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2605-2614	6.8	54
90	Infiltrative coating of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ microspheres with layer-structured LiTiO ₂ : towards superior cycling performances for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 19983-19987	13	53
89	Spherical concentration-gradient LiMn _{1.87} Ni _{0.13} O ₄ spinel as a high performance cathode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 4010	13	53
88	Synthesis of TiO ₂ with controllable ratio of anatase to rutile. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 9291	13	49
87	An engineered self-supported electrocatalytic cathode and dendrite-free composite anode based on 3D double-carbon hosts for advanced Li-BeS ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2969-2983	13	49
86	Preparation and performances of carbon aerogel microspheres for the application of supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 643-648	2.6	48
85	The electrocapacitive properties of hierarchical porous reduced graphene oxide templated by hydrophobic CaCO ₃ spheres. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 451-459	13	42
84	Realizing Reversible Conversion-Alloying of Sb(V) in Polyantimonic Acid for Fast and Durable Lithium- and Potassium-Ion Storage. <i>Advanced Energy Materials</i> , 2020 , 10, 1903119	21.8	41
83	A flexible 3D nitrogen-doped carbon foam@CNTs hybrid hosting TiO ₂ nanoparticles as free-standing electrode for ultra-long cycling lithium-ion batteries. <i>Journal of Power Sources</i> , 2018 , 379, 10-19	8.9	40
82	Collagen fiber with surface-grafted polyphenol as a novel support for Pd(0) nanoparticles: Synthesis, characterization and catalytic application. <i>Materials Science and Engineering C</i> , 2010 , 30, 770-776	8.2	40
81	Restoration of Degraded Nickel-Rich Cathode Materials for Long-Life Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2018 , 5, 78-83	4.3	34

80	Antibacterial activity of silver nanoparticles stabilized on tannin-grafted collagen fiber. <i>Materials Science and Engineering C</i> , 2012 , 32, 1050-1056	8.3	34
79	Hierarchical carambola-like Li ₄ Ti ₅ O ₁₂ -TiO ₂ composites as advanced anode materials for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016 , 195, 124-133	6.7	34
78	Template-Engaged Synthesis of 1D Hierarchical Chainlike LiCoO ₂ Cathode Materials with Enhanced High-Voltage Lithium Storage Capabilities. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 25361-8	9.5	34
77	Rational Design of Multifunctional Integrated Host Configuration with Lithiophilicity-Sulfiphilicity toward High-Performance LiS Full Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2006033	15.6	32
76	Flexible three-dimensional electrodes of hollow carbon bead strings as graded sulfur reservoirs and the synergistic mechanism for lithium-sulfur batteries. <i>Applied Surface Science</i> , 2017 , 413, 209-218	6.7	31
75	Bio-Derived Hierarchical Multicore-Shell FeN-Nanoparticle-Impregnated N-Doped Carbon Nanofiber Bundles: A Host Material for Lithium-/Potassium-Ion Storage. <i>Nano-Micro Letters</i> , 2019 , 11, 56	19.5	31
74	Recycling silicon-based industrial waste as sustainable sources of Si/SiO ₂ composites for high-performance Li-ion battery anodes. <i>Journal of Power Sources</i> , 2020 , 449, 227513	8.9	31
73	Stabilization of silicon nanoparticles in graphene aerogel framework for lithium ion storage. <i>RSC Advances</i> , 2015 , 5, 30624-30630	3.7	30
72	Phosphorous doped cobalt-iron sulfide/carbon nanotube as active and robust electrocatalysts for water splitting. <i>Electrochimica Acta</i> , 2019 , 318, 892-900	6.7	28
71	Tailoring sandwich-like CNT@MnO@N-doped carbon hetero-nanotubes as advanced anodes for boosting lithium storage. <i>Electrochimica Acta</i> , 2019 , 304, 158-167	6.7	25
70	One-step in situ assembly of size-controlled silver nanoparticles on polyphenol-grafted collagen fiber with enhanced antibacterial properties. <i>New Journal of Chemistry</i> , 2011 , 35, 2902	3.6	25
69	Fabrication of Li ⁺ -Conductive Li ₂ ZrO ₃ -Based Shell Encapsulated LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ Microspheres as High-Rate and Long-Life Cathode Materials for Li-Ion Batteries. <i>ChemElectroChem</i> , 2015 , 2, 1921-1928	4.3	24
68	Hierarchically Porous N,S-Codoped Carbon-Embedded Dual Phase MnO/MnS Nanoparticles for Efficient Lithium Ion Storage. <i>Inorganic Chemistry</i> , 2018 , 57, 7993-8001	5.1	23
67	Integrating conductivity and active sites: Fe/Fe ₃ C@GNC as an trapping-catalyst interlayer and dendrite-free lithium host for the lithium-sulfur cell with outstanding rate performance. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18987-19000	13	23
66	Preparation of MoS ₂ /WS ₂ nanosheets by liquid phase exfoliation with assistance of epigallocatechin gallate and study as an additive for high-performance lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2019 , 552, 554-562	9.3	22
65	Facile fabrication of a jarosite ultrathin KFe ₃ (SO ₄) ₂ (OH) ₆ @rGO nanosheet hybrid composite with pseudocapacitive contribution as a robust anode for lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 192-198	6.8	21
64	Construction of Electrocatalytic and Heat-Resistant Self-Supporting Electrodes for High-Performance Lithium-Sulfur Batteries. <i>Nano-Micro Letters</i> , 2019 , 11, 78	19.5	20
63	Cooperative enhancement of electrochemical properties in double carbon-decorated Li ₄ Ti ₅ O ₁₂ /C composite as anode for Li-ion batteries. <i>Journal of Alloys and Compounds</i> , 2015 , 633, 443-447	5.7	19

62	An integrated hybrid interlayer for polysulfides/selenides regulation toward advanced Li ₂ S ₂ batteries. <i>Carbon</i> , 2020 , 161, 413-422	10.4	19
61	Vesicle-like sulfur/reduced graphene oxide composites for high performance lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2017 , 724, 1007-1013	5.7	19
60	Dopamine Self-Polymerization Enables an N-Doped Carbon Coating of Exfoliated MoS ₂ Nanoflakes for Anodes of Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2018 , 5, 383-390	4.3	18
59	Hierarchically ordered mesoporous TiO ₂ nanofiber bundles derived from natural collagen fibers for lithium and sodium storage. <i>Journal of Alloys and Compounds</i> , 2018 , 731, 844-852	5.7	18
58	A flexible three-dimensional MoS ₂ /carbon architecture derived from melamine foam as free-standing anode for high performance lithium-ion batteries. <i>Applied Surface Science</i> , 2018 , 462, 337-343	6.7	18
57	Synthesis of unique mesoporous ZrO ₂ -carbon fiber from collagen fiber. <i>Microporous and Mesoporous Materials</i> , 2008 , 116, 705-709	5.3	18
56	Facile Synthesis of Amorphous Ge Supported by Ni Nanopyramid Arrays as an Anode Material for Sodium-Ion Batteries. <i>ChemistryOpen</i> , 2019 , 8, 298-303	2.3	17
55	Superstructured mesocrystals through multiple inherent molecular interactions for highly reversible sodium ion batteries. <i>Science Advances</i> , 2021 , 7, eabh3482	14.3	17
54	Facile synthesis of micro-spherical LiMn _{0.7} Fe _{0.3} PO ₄ /C cathodes with advanced cycle life and rate performance for lithium-ion battery. <i>Ceramics International</i> , 2017 , 43, 4821-4830	5.1	16
53	Template synthesis and lithium storage performances of hollow spherical LiMn ₂ O ₄ cathode materials. <i>Ceramics International</i> , 2016 , 42, 10498-10505	5.1	16
52	Highly stable Pt nanoparticle catalyst supported by polyphenol-grafted collagen fiber and its catalytic application in the hydrogenation of olefins. <i>Journal of Chemical Technology and Biotechnology</i> , 2009 , 84, 1702-1711	3.5	16
51	Improving the electrochemical properties of Li _{1.2} Mn _{0.52} Co _{0.08} Ni _{0.2} O ₂ cathode material by uniform surface nanocoating with samarium fluoride through depositional-hydrothermal route. <i>Journal of Alloys and Compounds</i> , 2015 , 634, 75-82	5.7	15
50	Supercapacitive behaviors of the nitrogen-enriched activated mesocarbon microbead in aqueous electrolytes. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 1693-1700	2.6	15
49	Superhierarchical Conductive Framework Implanted with Nickel/Graphitic Carbon Nanocages as Sulfur/Lithium Metal Dual-Role Hosts for Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35058-35070	9.5	15
48	Bio-assisted engineering of hierarchical porous carbon nanofiber host in-situ embedded with iron carbide nanocatalysts toward high-performance Li ₂ S batteries. <i>Carbon</i> , 2021 , 177, 60-70	10.4	15
47	Ultrafast and Durable Lithium Storage Enabled by Porous Bowl-Like LiFePO ₄ /C Composite with Na ⁺ Doping. <i>ChemElectroChem</i> , 2017 , 4, 1141-1147	4.3	14
46	Biotemplate-Based Engineering of High-Temperature Stable Anatase TiO ₂ Nanofiber Bundles with Impregnated CeO ₂ Nanocrystals for Enhanced Lithium Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 7823-7832	8.3	14
45	Three-dimensional cross-linked MnO/Sb hybrid nanowires co-embedded nitrogen-doped carbon tubes as high-performance anode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020 , 835, 155239	5.7	14

44	Template-Assisted Synthesis of a One-Dimensional Hierarchical $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}\text{O}_2$ Microrod Cathode Material for Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2017 , 4, 332-339	4.3	14
43	The effect of activation technology on the electrochemical performance of calcium carbide skeleton carbon. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 2941-2947	2.6	13
42	Optimization of synthesis parameters for uniform sphere-like $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}\text{O}_2$ as high performance cathode material for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2019 , 775, 921-930	5.7	12
41	Mn-Substituted Tunnel-Type Polyantimonic Acid Confined in a Multidimensional Integrated Architecture Enabling Superfast-Charging Lithium-Ion Battery Anodes. <i>Advanced Science</i> , 2021 , 8, 2002866	13.6	12
40	Reduced graphene oxide modified N-doped carbon foam supporting TiO_2 nanoparticles as flexible electrode for high-performance Li/Na ion batteries. <i>Electrochimica Acta</i> , 2019 , 311, 141-149	6.7	11
39	In situ formed Li_5AlO_4 -coated $\text{LiNi}_{0.8}\text{Co}_{0.1}\text{Mn}_{0.1}\text{O}_2$ cathode material assisted by hydrocarbonate with improved electrochemical performance for lithium-ion batteries. <i>Electrochimica Acta</i> , 2020 , 353, 136541	6.7	11
38	Nano-silicon embedded in MOFs-derived nitrogen-doped carbon/cobalt/carbon nanotubes hybrid composite for enhanced lithium ion storage. <i>Applied Surface Science</i> , 2020 , 529, 147134	6.7	11
37	One-step synthesis of $\text{CoPSe}_2/\text{CNTs}$ as efficient electrocatalyst for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2020 , 331, 135362	6.7	11
36	Mg^{2+} and Ti^{4+} Co-Doped Spinel LiMn_2O_4 as Lithium-Ion Battery Cathode. <i>ChemistrySelect</i> , 2019 , 4, 9583-9589	9.5	10
35	Three-dimensional porous copper framework supported group IVA element materials as sodium-ion battery anode materials. <i>Journal of Alloys and Compounds</i> , 2019 , 771, 169-175	5.7	10
34	Silver nanoparticles stabilized by tannin grafted collagen fiber: synthesis, characterization and antifungal activity. <i>Annals of Microbiology</i> , 2012 , 62, 319-327	3.2	10
33	The effects of preparation temperature on microstructure and electrochemical performance of calcium carbide-derived carbon. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 2453-2460	2.6	10
32	A Trifunctional Separator Based on a Blockage-Adsorption-Catalysis Synergistic Effect for Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 47599-47611	9.5	10
31	Liquid phase hydrogenation of olefins using heterogenized ruthenium complexes as high active and reusable catalyst. <i>Catalysis Communications</i> , 2010 , 11, 487-492	3.2	9
30	Bottom-Up Construction of Reduced-Graphene-Oxide-Anchored MnO with an Nitrogen-Doped Carbon Coating for Synergistically Improving Lithium-Ion Storage. <i>Inorganic Chemistry</i> , 2018 , 57, 13693-13701	5.1	9
29	Sandwiching Defect-Rich TiO Nanocrystals into a Three-Dimensional Flexible Conformal Carbon Hybrid Matrix for Long-Cycling and High-Rate Li/Na-Ion Batteries. <i>Inorganic Chemistry</i> , 2019 , 58, 8841-8853	5.1	8
28	Embedding Silicon in Pinecone-Derived Porous Carbon as a High-Performance Anode for Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2020 , 7, 2889-2895	4.3	8
27	Preparation of Enhanced-Performance $\text{LiMn}_{0.6}\text{Fe}_{0.4}\text{PO}_4/\text{C}$ Cathode Material for Lithium-Ion Batteries by using a Divalent Transition-Metal Phosphate as an Intermediate. <i>ChemElectroChem</i> , 2017 , 4, 175-182	4.3	8

26	Cycling-induced structure refinement of MnO nanorods wrapped by N-doped carbon with internal void space for advanced lithium-ion anodes. <i>Applied Surface Science</i> , 2019 , 479, 386-394	6.7	7
25	Constructing Densely Compacted Graphite/Si/SiO Ternary Composite Anodes for High-Performance Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 22323-22331	9.5	7
24	Bioteplate-mediated structural engineering of rod-like V2O5 cathode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019 , 787, 625-630	5.7	7
23	Facile synthesis of hierarchical polycrystic iron-nitride/phosphide hybrids microspheres constructed by CNTs for stable and enhanced lithium storage. <i>Ceramics International</i> , 2019 , 45, 216-224	5.1	7
22	Design and host-involved in situ fabrication of La4NiLiO8 coating on Ni-rich cathode materials towards superior structural stability. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 3427-3440	13	7
21	Engineering Bifunctional Host Materials of Sulfur and Lithium-Metal Based on Nitrogen-Enriched Polyacrylonitrile for Li-S Batteries. <i>Chemistry - A European Journal</i> , 2020 , 26, 8784-8793	4.8	6
20	Influence of Co-substitution on Structure and Electrochemical Performances of Li-rich Spinel LiMn2O4. <i>Integrated Ferroelectrics</i> , 2015 , 164, 23-32	0.8	6
19	Nanocoating of Ce-tannic acid metal-organic coordination complex: surface modification of layered Li1.2Mn0.6Ni0.2O2 by CeO2 coating for lithium-ion batteries. <i>Ionics</i> , 2019 , 25, 3031-3040	2.7	5
18	LiFePO4/carbon hybrids with fast Li-ion solid transfer capability obtained by adjusting the superheat temperature. <i>Journal of Alloys and Compounds</i> , 2019 , 803, 998-1004	5.7	4
17	Facile Synthesis of LiFePO4/C with High Tap-density as Cathode for High Performance Lithium Ion Batteries. <i>International Journal of Electrochemical Science</i> , 206-217	2.2	4
16	Graphene-nanoscroll-based Integrated and self-standing electrode with a sandwich structure for lithium sulfur batteries. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 592-596	6.8	4
15	Bismuth dots imbedded in ultralong nitrogen-doped carbon tubes for highly efficient lithium ion storage. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4854-4864	6.8	4
14	A Natural Polymer Captor for Immobilizing Polysulfide/Polyselenide in Working Li-SeS Batteries. <i>Nano-Micro Letters</i> , 2021 , 13, 104	19.5	4
13	Graphene nanoscrolls-wrapped oxygen-deficient ZnSb2O6-x nanospheres for enhanced lithium-ion storage. <i>Carbon</i> , 2021 , 178, 743-752	10.4	4
12	Influence of multistep sintering method on electrochemical performances of 7LiFePO4Li3V2(PO4)3/C composite cathode material for lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 477-484	2.6	3
11	Optimizing Current Terminals of 18 650 Lithium-Ion Power Batteries under High Discharge Current. <i>Energy Technology</i> , 2017 , 5, 1619-1626	3.5	2
10	Facile Synthesis of Bowl-Like LiFePO4/C Composite with High Rate-Performance. <i>Journal of Electronic Materials</i> , 2018 , 47, 3543-3551	1.9	2
9	Bioderived carbon fiber conductive networks with inlaid electrocatalysts as an ultralight freestanding interlayer for working LiBeS2 pouch cells. <i>Carbon</i> , 2022 , 189, 10-20	10.4	2

8	A Heterostructure-In-Built Multichambered Host Architecture Enabled by Topochemical Self-Nitridation for Rechargeable Lithiated Silicon-Polysulfide Full Battery. <i>Advanced Functional Materials</i> , 2021 , 31, 2103456	15.6	2
7	Ultrafast and durable Li/Na storage by an iron selenide anode using an elastic hierarchical structure. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3686-3696	6.8	2
6	Harmonious Dual-Riveting Interface Induced from Niobium Oxides Coating Toward Superior Stability of Li-Rich Mn-Based Cathode.. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 61248-61257	9.5	2
5	Synergistic Structural Engineering of Tunnel-Type Polyantimonic Acid Enables Dual-Boosted Volumetric and Areal Lithium Energy Storage. <i>Advanced Energy Materials</i> , 2200653	21.8	2
4	Anode Materials: Realizing Reversible Conversion-Alloying of Sb(V) in Polyantimonic Acid for Fast and Durable Lithium- and Potassium-Ion Storage (Adv. Energy Mater. 1/2020). <i>Advanced Energy Materials</i> , 2020 , 10, 2070002	21.8	1
3	Interface and defect engineering enable fast and high-efficiency Li extraction of metatitanic acid adsorbent. <i>Chemical Engineering Journal</i> , 2021 , 425, 130550	14.7	1
2	Fabrication of Li+-Conductive Li ₂ ZrO ₃ -Based Shell Encapsulated LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ Microspheres as High-Rate and Long-Life Cathode Materials for Li-Ion Batteries. <i>ChemElectroChem</i> , 2015 , 2, 1861-1861	4.3	
1	Preparation of Pd-Ni Bimetallic Catalyst Supported on Polyphenol-Grafted Collagen Fiber and Its Catalytic Behavior in Nitrobenzene Hydrogenation. <i>Chinese Journal of Catalysis</i> , 2011 , 31, 1465-1472	11.3	