Jiang-ping Tu

List of Publications by Citations

184	14,232	68	115
papers	citations	h-index	g-index
188	16,608	11.2	6.93
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
184	Transition Metal Carbides and Nitrides in Energy Storage and Conversion. *Advanced Science*, **2016**, 3, 1500286	13.6	762
183	Self-supported hydrothermal synthesized hollow Co3O4 nanowire arrays with high supercapacitor capacitance. *Journal of Materials Chemistry*, **2011**, 21, 9319		614
182	Green and facile fabrication of hollow porous MnO/C microspheres from microalgaes for lithium-ion batteries. *ACS Nano*, **2013**, 7, 7083-92	16.7	462
181	Generic Synthesis of Carbon Nanotube Branches on Metal Oxide Arrays Exhibiting Stable High-Rate and Long-Cycle Sodium-Ion Storage. *Small*, **2016**, 12, 3048-58	11	377
180	Freestanding Co3O4 nanowire array for high performance supercapacitors. *RSC Advances*, **2012**, 2, 1835	3.7	366
179	Directional Construction of Vertical Nitrogen-Doped 1T-2H MoSe /Graphene Shell/Core Nanoflake Arrays for Efficient Hydrogen Evolution Reaction. *Advanced Materials*, **2017**, 29, 1700748	24	328
178	Solution synthesis of metal oxides for electrochemical energy storage applications. *Nanoscale*, **2014**, 6, 5008-48	7.7	321
177	Popcorn Inspired Porous Macrocellular Carbon: Rapid Puffing Fabrication from Rice and Its Applications in Lithium□Sulfur Batteries. *Advanced Energy Materials*, **2018**, 8, 1701110	21.8	317
176	Hierarchically porous NiO film grown by chemical bath deposition via a colloidal crystal template as an electrochemical pseudocapacitor material. *Journal of Materials Chemistry*, **2011**, 21, 671-679		259
175	Confining Sulfur in Integrated Composite Scaffold with Highly Porous Carbon Fibers/Vanadium Nitride Arrays for High-Performance Lithium□Sulfur Batteries. *Advanced Functional Materials*, **2018**, 28, 1706391	15.6	258
174	Metal oxide/hydroxide-based materials for supercapacitors. *RSC Advances*, **2014**, 4, 41910-41921	3.7	235
173	Hydrothermally synthesized WO3 nanowire arrays with highly improved electrochromic performance. *Journal of Materials Chemistry*, **2011**, 21, 5492		231
172	Exploring Advanced Sandwiched Arrays by Vertical Graphene and N-Doped Carbon for Enhanced Sodium Storage. *Advanced Energy Materials*, **2017**, 7, 1601804	21.8	215
171	3D TiC/C Core/Shell Nanowire Skeleton for Dendrite-Free and Long-Life Lithium Metal Anode. *Advanced Energy Materials*, **2018**, 8, 1702322	21.8	204
170	Tubular TiC fibre nanostructures as supercapacitor electrode materials with stable cycling life and wide-temperature performance. *Energy and Environmental Science*, **2015**, 8, 1559-1568	35.4	188
169	Co3O4□ core□shell nanowire array as an advanced anode material for lithium ion batteries. *Journal of Materials Chemistry*, **2012**, 22, 15056		187
168	Phase Modulation of (1T-2H)-MoSe2/TiC-C Shell/Core Arrays via Nitrogen Doping for Highly Efficient Hydrogen Evolution Reaction. *Advanced Materials*, **2018**, 30, e1802223	24	183

167	Robust Slippery Coating with Superior Corrosion Resistance and Anti-Icing Performance for AZ31B Mg Alloy Protection. *ACS Applied Materials & Interfaces*, **2017**, 9, 11247-11257	9.5	174
166	Deep eutectic solvents (DESs)-derived advanced functional materials for energy and environmental applications: challenges, opportunities, and future vision. *Journal of Materials Chemistry A*, **2017**, 5, 8209-8229	13	174
165	One-step fabrication of nanostructured Ni film with lotus effect from deep eutectic solvent. *Langmuir*, **2011**, 27, 10132-40	4	164
164	Periodic stacking of 2D charged sheets: Self-assembled superlattice of NiAl layered double hydroxide (LDH) and reduced graphene oxide. *Nano Energy*, **2016**, 20, 185-193	17.1	162
163	Multiscale Graphene-Based Materials for Applications in Sodium Ion Batteries. *Advanced Energy Materials*, **2019**, 9, 1803342	21.8	146
162	Hollow TiO@CoS Core-Branch Arrays as Bifunctional Electrocatalysts for Efficient Oxygen/Hydrogen Production. *Advanced Science*, **2018**, 5, 1700772	13.6	145
161	Encapsulating silicon nanoparticles into mesoporous carbon forming pomegranate-structured microspheres as a high-performance anode for lithium ion batteries. *Journal of Materials Chemistry A*, **2017**, 5, 11197-11203	13	133
160	Interface engineering of sulfide electrolytes for all-solid-state lithium batteries. *Nano Energy*, **2018**, 53, 958-966	17.1	133
159	Implanting Niobium Carbide into Trichoderma Spore Carbon: a New Advanced Host for Sulfur Cathodes. *Advanced Materials*, **2019**, 31, e1900009	24	132
158	Novel Metal@Carbon Spheres Core-Shell Arrays by Controlled Self-Assembly of Carbon Nanospheres: A Stable and Flexible Supercapacitor Electrode. *Advanced Energy Materials*, **2015**, 5, 1401709	21.8	129
157	Facile fabrication of integrated three-dimensional C-MoSe2/reduced graphene oxide composite with enhanced performance for sodium storage. *Nano Research*, **2016**, 9, 1618-1629	10	129
156	Tailored Li2SP2S5 glass-ceramic electrolyte by MoS2 doping, possessing high ionic conductivity for all-solid-state lithium-sulfur batteries. *Journal of Materials Chemistry A*, **2017**, 5, 2829-2834	13	127
155	Multicolor electrochromic polyanilineWO3 hybrid thin films: One-pot molecular assembling synthesis. *Journal of Materials Chemistry*, **2011**, 21, 17316		121
154	Smart Construction of Integrated CNTs/LiTiO Core/Shell Arrays with Superior High-Rate Performance for Application in Lithium-Ion Batteries. *Advanced Science*, **2018**, 5, 1700786	13.6	118
153	Perovskite solar cell powered electrochromic batteries for smart windows. *Materials Horizons*, **2016**, 3, 588-595	14.4	118
152	Enhancing Ultrafast Lithium Ion Storage of Li4Ti5O12 by Tailored TiC/C Core/Shell Skeleton Plus Nitrogen Doping. *Advanced Functional Materials*, **2018**, 28, 1802756	15.6	118
151	Synergistic Doping and Intercalation: Realizing Deep Phase Modulation on MoS Arrays for High-Efficiency Hydrogen Evolution Reaction. *Angewandte Chemie - International Edition*, **2019**, 58, 16289-16296	16.4	113
150	Co-doped NiO nanoflake array films with enhanced electrochromic properties. *Journal of Materials Chemistry C*, **2014**, 2, 7013-7021	7.1	110

149	Electrode Design for Lithium–Sulfur Batteries: Problems and Solutions. *Advanced Functional Materials*, **2020**, 30, 1910375	15.6	109
148	All-solid-state lithium–sulfur batteries based on a newly designed Li7P2.9Mn0.1S10.7I0.3 superionic conductor. *Journal of Materials Chemistry A*, **2017**, 5, 6310-6317	13	108
147	Oxygen vacancy modulated Ti2Nb10O29-x embedded onto porous bacterial cellulose carbon for highly efficient lithium ion storage. *Nano Energy*, **2019**, 58, 355-364	17.1	105
146	Nitrogen-doped carbon shell on metal oxides core arrays as enhanced anode for lithium ion batteries. *Journal of Alloys and Compounds*, **2016**, 688, 729-735	5.7	104
145	Natural biomass-derived carbons for electrochemical energy storage. *Materials Research Bulletin*, **2017**, 88, 234-241	5.1	103
144	Defect Promoted Capacity and Durability of N-MnO Branch Arrays via Low-Temperature NH Treatment for Advanced Aqueous Zinc Ion Batteries. *Small*, **2019**, 15, e1905452	11	103
143	An Inorganic-Rich Solid Electrolyte Interphase for Advanced Lithium-Metal Batteries in Carbonate Electrolytes. *Angewandte Chemie - International Edition*, **2021**, 60, 3661-3671	16.4	103
142	Spore Carbon from Aspergillus Oryzae for Advanced Electrochemical Energy Storage. *Advanced Materials*, **2018**, 30, e1805165	24	103
141	Hierarchical porous Ti2Nb10O29 nanospheres as superior anode materials for lithium ion storage. *Journal of Materials Chemistry A*, **2017**, 5, 21134-21139	13	102
140	In Situ Solid Electrolyte Interphase from Spray Quenching on Molten Li: A New Way to Construct High-Performance Lithium-Metal Anodes. *Advanced Materials*, **2019**, 31, e1806470	24	101
139	Revisiting Scientific Issues for Industrial Applications of Lithium–Sulfur Batteries. *Energy and Environmental Materials*, **2018**, 1, 196-208	13	101
138	Boosting sodium ion storage by anchoring MoO2 on vertical graphene arrays. *Journal of Materials Chemistry A*, **2018**, 6, 15546-15552	13	98
137	Self-assembly of Si/honeycomb reduced graphene oxide composite film as a binder-free and flexible anode for Li-ion batteries. *Journal of Materials Chemistry A*, **2014**, 2, 5834-5840	13	98
136	Facile synthesis of Ni-coated Ni2P for supercapacitor applications. *CrystEngComm*, **2013**, 15, 7071	3.3	95
135	Hollow metallic 1T MoS2 arrays grown on carbon cloth: a freestanding electrode for sodium ion batteries. *Journal of Materials Chemistry A*, **2018**, 6, 18318-18324	13	94
134	Nitrogen-Doped Carbon Embedded MoS2 Microspheres as Advanced Anodes for Lithium- and Sodium-Ion Batteries. *Chemistry - A European Journal*, **2016**, 22, 11617-23	4.8	93
133	High Interfacial-Energy Interphase Promoting Safe Lithium Metal Batteries. *Journal of the American Chemical Society*, **2020**, 142, 2438-2447	16.4	93
132	Vertical graphene/Ti2Nb10O29/hydrogen molybdenum bronze composite arrays for enhanced lithium ion storage. *Energy Storage Materials*, **2018**, 12, 137-144	19.4	93

131	Enhanced electrochromic and energy storage performance in mesoporous WO film and its application in a bi-functional smart window. *Nanoscale*, **2018**, 10, 8162-8169	7.7	90
130	Cathode-Supported All-Solid-State Lithium–Sulfur Batteries with High Cell-Level Energy Density. *ACS Energy Letters*, **2019**, 4, 1073-1079	20.1	86
129	Porous Carbon Hosts for Lithium-Sulfur Batteries. *Chemistry - A European Journal*, **2019**, 25, 3710-3725	4.8	85
128	Ionothermal synthesis and lithium storage performance of core/shell structured amorphous@crystalline Ni-P nanoparticles. *CrystEngComm*, **2012**, 14, 7942	3.3	84
127	Hierarchical structure Ti-doped WO3 film with improved electrochromism in visible-infrared region. *RSC Advances*, **2013**, 3, 6896	3.7	83
126	A Newly Designed Composite Gel Polymer Electrolyte Based on Poly(Vinylidene Fluoride-Hexafluoropropylene) (PVDF-HFP) for Enhanced Solid-State Lithium-Sulfur Batteries. *Chemistry - A European Journal*, **2017**, 23, 15203-15209	4.8	82
125	A CNT cocoon on sodium manganate nanotubes forming a core/branch cathode coupled with a helical carbon nanofibre anode for enhanced sodium ion batteries. *Journal of Materials Chemistry A*, **2016**, 4, 11207-11213	13	80
124	Straw-Brick-Like Carbon Fiber Cloth/Lithium Composite Electrode as an Advanced Lithium Metal Anode. *Small Methods*, **2018**, 2, 1800035	12.8	80
123	Novel carbon channels from loofah sponge for construction of metal sulfide/carbon composites with robust electrochemical energy storage. *Journal of Materials Chemistry A*, **2017**, 5, 7578-7585	13	79
122	Nickel Hydroxide-Modified Sulfur/Carbon Composite as a High-Performance Cathode Material for Lithium Sulfur Battery. *ACS Applied Materials & Interfaces*, **2015**, 7, 16715-22	9.5	78
121	Fabrication of metal oxide nanobranches on atomic-layer-deposited TiO2 nanotube arrays and their application in energy storage. *Nanoscale*, **2013**, 5, 6040-7	7.7	77
120	Metal hydroxide – a new stabilizer for the construction of sulfur/carbon composites as high-performance cathode materials for lithium–sulfur batteries. *Journal of Materials Chemistry A*, **2015**, 3, 17106-17112	13	73
119	Rationally Designed Silicon Nanostructures as Anode Material for Lithium-Ion Batteries. *Advanced Engineering Materials*, **2018**, 20, 1700591	3.5	72
118	A novel durable double-conductive core-shell structure applying to the synthesis of silicon anode for lithium ion batteries. *Journal of Power Sources*, **2018**, 384, 207-213	8.9	71
117	Introducing Oxygen Defects into Phosphate Ions Intercalated Manganese Dioxide/Vertical Multilayer Graphene Arrays to Boost Flexible Zinc Ion Storage. *Small Methods*, **2020**, 4, 1900828	12.8	69
116	Hybrid vertical graphene/lithium titanate–CNTs arrays for lithium ion storage with extraordinary performance. *Journal of Materials Chemistry A*, **2017**, 5, 8916-8921	13	66
115	A peanut-like hierarchical micro/nano-Li1.2Mn0.54Ni0.18Co0.08O2 cathode material for lithium-ion batteries with enhanced electrochemical performance. *Journal of Materials Chemistry A*, **2015**, 3, 14291-14297	13	66
114	Superior high-rate lithium-ion storage on Ti2Nb10O29 arrays via synergistic TiC/C skeleton and N-doped carbon shell. *Nano Energy*, **2018**, 54, 304-312	17.1	66

113	One-step fabrication of nanostructured NiO films from deep eutectic solvent with enhanced electrochromic performance. *Journal of Materials Chemistry A*, **2013**, 1, 4286	13	64
112	Integration of Energy Harvesting and Electrochemical Storage Devices. *Advanced Materials Technologies*, **2017**, 2, 1700182	6.8	63
111	Exploring hydrogen molybdenum bronze for sodium ion storage: Performance enhancement by vertical graphene core and conductive polymer shell. *Nano Energy*, **2018**, 44, 265-271	17.1	62
110	Rational construction of a metal core for smart combination with Li4Ti5O12 as integrated arrays with superior high-rate Li-ion storage performance. *Journal of Materials Chemistry A*, **2017**, 5, 1394-1399	13	61
109	Boosting fast energy storage by synergistic engineering of carbon and deficiency. *Nature Communications*, **2020**, 11, 132	17.4	61
108	A synergistic vertical graphene skeleton and S□ shell to construct high-performance TiNb2O7-based core/shell arrays. *Journal of Materials Chemistry A*, **2018**, 6, 20195-20204	13	61
107	SnO Nanoflake Arrays Coated with Polypyrrole on a Carbon Cloth as Flexible Anodes for Sodium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2019**, 11, 24198-24204	9.5	60
106	Bacterium, Fungus, and Virus Microorganisms for Energy Storage and Conversion. *Small Methods*, **2019**, 3, 1900596	12.8	59
105	All-solid-state electrochromic devices based on WO3||NiO films: material developments and future applications. *Science China Chemistry*, **2017**, 60, 3-12	7.9	59
104	Monolayer titanium carbide hollow sphere arrays formed via an atomic layer deposition assisted method and their excellent high-temperature supercapacitor performance. *Journal of Materials Chemistry A*, **2016**, 4, 18717-18722	13	58
103	Atomic-layer-deposited iron oxide on arrays of metal/carbon spheres and their application for electrocatalysis. *Nano Energy*, **2016**, 20, 244-253	17.1	58
102	In situ growth and electrochemical characterization versuslithium of a core/shell-structured Ni2P@C nanocomposite synthesized by a facile organic-phase strategy. *Journal of Materials Chemistry*, **2011**, 21, 17988		58
101	Coupled Biphase (1T-2H)-MoSe on Mold Spore Carbon for Advanced Hydrogen Evolution Reaction. *Small*, **2019**, 15, e1901796	11	54
100	Self-assembly of hierarchical Fe3O4 microsphere/graphene nanosheet composite: towards a promising high-performance anode for Li-ion batteries. *RSC Advances*, **2014**, 4, 322-330	3.7	54
99	Three-dimensional porous nano-Ni/Fe3O4 composite film: enhanced electrochemical performance for lithium-ion batteries. *Journal of Materials Chemistry*, **2012**, 22, 18639		54
98	Electrochemical Synthesis and Characterization of Ni□P Alloy Coatings from Eutectic□Based Ionic Liquid. *Journal of the Electrochemical Society*, **2012**, 159, D642-D648	3.9	53
97	The direct growth of a WO3 nanosheet array on a transparent conducting substrate for highly efficient electrochromic and electrocatalytic applications. *CrystEngComm*, **2014**, 16, 6866-6872	3.3	52
96	Construction of All-Solid-State Batteries based on a Sulfur-Graphene Composite and Li Si P S Cl Solid Electrolyte. *Chemistry - A European Journal*, **2017**, 23, 13950-13956	4.8	52

95	High-Index-Faceted NiS Branch Arrays as Bifunctional Electrocatalysts for Efficient Water Splitting. *Nano-Micro Letters*, **2019**, 11, 12	19.5	50
94	Thermochromic behavior of chloro-nickel(II) in deep eutectic solvents and their application in thermochromic composite films. *RSC Advances*, **2011**, 1, 1220	3.7	50
93	Ordered lithiophilic sites to regulate Li plating/stripping behavior for superior lithium metal anodes. *Journal of Materials Chemistry A*, **2019**, 7, 21794-21801	13	49
92	Hierarchical MoS /Carbon Composite Microspheres as Advanced Anodes for Lithium/Sodium-Ion Batteries. *Chemistry - A European Journal*, **2018**, 24, 11220-11226	4.8	49
91	Large-scale synthesis of high-quality lithium-graphite hybrid anodes for mass-controllable and cycling-stable lithium metal batteries. *Energy Storage Materials*, **2018**, 15, 31-36	19.4	48
90	Nitrogen-Doped Sponge Ni Fibers as Highly Efficient Electrocatalysts for Oxygen Evolution Reaction. *Nano-Micro Letters*, **2019**, 11, 21	19.5	46
89	Anchoring Ni2P Sheets on NiCo2O4 Nanocone Arrays as Optimized Bifunctional Electrocatalyst for Water Splitting. *Advanced Materials Interfaces*, **2017**, 4, 1700481	4.6	45
88	Synthesis of dinickel phosphide (Ni2P) for fast lithium-ion transportation: a new class of nanowires with exceptionally improved electrochemical performance as a negative electrode. *RSC Advances*, **2012**, 2, 3430	3.7	45
87	Coupling a Sponge Metal Fibers Skeleton with In Situ Surface Engineering to Achieve Advanced Electrodes for Flexible Lithium-Sulfur Batteries. *Advanced Materials*, **2020**, 32, e2003657	24	45
86	Effect of EDTA and NH4Cl additives on electrodeposition of Zn-Ni films from choline chloride-based ionic liquid. *Transactions of Nonferrous Metals Society of China*, **2015**, 25, 2054-2064	3.3	44
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84	Large-scale synthesis of porous Ni2P nanosheets for lithium secondary batteries. *CrystEngComm*, **2012**, 14, 8633	3.3	44
83	Molybdenum Selenide Electrocatalysts for Electrochemical Hydrogen Evolution Reaction. *ChemElectroChem*, **2019**, 6, 3530-3548	4.3	42
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81	In situ confocal microscopic observation on inhibiting the dendrite formation of a-CNx/Li electrode. *Journal of Materials Chemistry A*, **2016**, 4, 15597-15604	13	42
80	A Brief Review on Solid Electrolyte Interphase Composition Characterization Technology for Lithium Metal Batteries: Challenges and Perspectives. *Journal of Physical Chemistry C*, **2021**, 125, 19060-19080	3.8	42
79	A Smart Superhydrophobic Coating on AZ31B Magnesium Alloy with Self-Healing Effect. *Advanced Materials Interfaces*, **2016**, 3, 1500694	4.6	40
78	Hierarchical SnO2@NiO core/shell nanoflake arrays as energy-saving electrochromic materials. *Journal of Materials Chemistry C*, **2014**, 2, 10409-10417	7.1	39

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76	Assembling Co9S8 nanoflakes on Co3O4 nanowires as advanced core/shell electrocatalysts for oxygen evolution reaction. *Journal of Energy Chemistry*, **2017**, 26, 1203-1209	12	38
75	Pine-Needle-Like Cu-Co Skeleton Composited with Li Ti O Forming Core-Branch Arrays for High-Rate Lithium Ion Storage. *Small*, **2018**, 14, e1704339	11	36
74	Recent Developments of All-Solid-State Lithium Secondary Batteries with Sulfide Inorganic Electrolytes. *Chemistry - A European Journal*, **2018**, 24, 6007-6018	4.8	36
73	Boosting High-Rate Sodium Storage Performance of N-Doped Carbon-Encapsulated Na V (PO) Nanoparticles Anchoring on Carbon Cloth. *Small*, **2019**, 15, e1902432	11	35
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71	Oxide nanostructures hyperbranched with thin and hollow metal shells for high-performance nanostructured battery electrodes. *Small*, **2014**, 10, 2419-28	11	35
70	A multicolor electrochromic film based on a SnO2/V2O5 core/shell structure for adaptive camouflage. *Journal of Materials Chemistry C*, **2019**, 7, 5702-5709	7.1	33
69	Construction of Nitrogen-Doped Carbon-Coated MoSe Microspheres with Enhanced Performance for Lithium Storage. *Chemistry - A European Journal*, **2017**, 23, 12924-12929	4.8	33
68	Enhancement of the advanced Na storage performance of Na3V2(PO4)3 in a symmetric sodium full cell via a dual strategy design. *Journal of Materials Chemistry A*, **2019**, 7, 10231-10238	13	32
67	Growth of and methanol electro-oxidation by gold nanowires with high density stacking faults. *Journal of Materials Chemistry*, **2011**, 21, 4843		32
66	Hydrophobic epoxy resin coating with ionic liquid conversion pretreatment on magnesium alloy for promoting corrosion resistance. *Journal of Materials Science and Technology*, **2020**, 37, 9-18	9.1	31
65	Directional construction of Cu2S branch arrays for advanced oxygen evolution reaction. *Journal of Energy Chemistry*, **2019**, 39, 61-67	12	30
64	A 3D conductive network with high loading Li2S@C for high performance lithium–sulfur batteries. *Journal of Materials Chemistry A*, **2017**, 5, 19358-19363	13	27
63	Mechanical Properties and in Vitro and in Vivo Biocompatibility of a-C/a-C:Ti Nanomultilayer Films on Ti6Al4V Alloy as Medical Implants. *ACS Applied Materials & Interfaces*, **2017**, 9, 15933-15942	9.5	26
62	Hierarchical MoS2@Polypyrrole core-shell microspheres with enhanced electrochemical performances for lithium storage. *Electrochimica Acta*, **2018**, 269, 632-639	6.7	26
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60	Microstructure and infrared reflectance modulation properties in DC-sputtered tungsten oxide films. *Journal of Solid State Electrochemistry*, **2011**, 15, 2213-2219	2.6	25

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58	Facile and scalable synthesis of nanosized core‐shell Li2S@C composite for high-performance lithium‐sulfur batteries. *Journal of Materials Chemistry A*, **2016**, 4, 16653-16660	13	24
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55	Polypyrrole-Coated Sodium Manganate Hollow Microspheres as a Superior Cathode for Sodium Ion Batteries. *ACS Applied Materials & Interfaces*, **2019**, 11, 15630-15637	9.5	21
54	Anchoring SnS on TiC/C Backbone to Promote Sodium Ion Storage by Phosphate Ion Doping. *Small*, **2020**, 16, e2004072	11	21
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49	A Facile Way to Construct Stable and Ionic Conductive Lithium Sulfide Nanoparticles Composed Solid Electrolyte Interphase on Li Metal Anode. *Advanced Functional Materials*, **2021**, 31, 2006380	15.6	19
48	A Powerful One-Step Puffing Carbonization Method for Construction of Versatile Carbon Composites with High-Efficiency Energy Storage. *Advanced Materials*, **2021**, 33, e2102796	24	18
47	Improved Ionic Conductivity and Li Dendrite Suppression Capability toward LiPS-Based Solid Electrolytes Triggered by Nb and O Cosubstitution. *ACS Applied Materials & Interfaces*, **2020**, 12, 54662-54670	9.5	17
46	Construction of 1T-MoSe /TiC@C Branch-Core Arrays as Advanced Anodes for Enhanced Sodium Ion Storage. *ChemSusChem*, **2020**, 13, 1575-1581	8.3	17
45	An Inorganic-Rich Solid Electrolyte Interphase for Advanced Lithium-Metal Batteries in Carbonate Electrolytes. *Angewandte Chemie*, **2021**, 133, 3705-3715	3.6	17
44	Performance Enhancement of a Sulfur/Carbon Cathode by Polydopamine as an Efficient Shell for High-Performance Lithium-Sulfur Batteries. *Chemistry - A European Journal*, **2017**, 23, 10610-10615	4.8	16
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42	Pseudocapacitive material with 928 mAh cm‐3 particle-level volumetric specific capacity enabled by continuous phase-transition. *Chemical Engineering Journal*, **2018**, 338, 211-217	14.7	15

41	Multifunctional Hyphae Carbon Powering Lithium Sulfur Batteries. *Advanced Materials*, **2021**, e2107415	24	15
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39	In situ formation of a Li3N-rich interface between lithium and argyrodite solid electrolyte enabled by nitrogen doping. *Journal of Materials Chemistry A*, **2021**, 9, 13531-13539	13	15
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34	Synthesis and electrochemical performance of xLiV3O8·yLi3V2(PO4)3/rGO composite cathode materials for lithium ion batteries. *Journal of Materials Chemistry A*, **2015**, 3, 14731-14740	13	12
33	Popcorn-like niobium oxide with cloned hierarchical architecture as advanced anode for solid-state lithium ion batteries. *Energy Storage Materials*, **2020**, 25, 695-701	19.4	12
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30	Formation and Evaluation of a Deep Eutectic Solvent Conversion Film on Biodegradable Magnesium Alloy. *ACS Applied Materials & Interfaces*, **2020**, 12, 33315-33324	9.5	11
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