

Li-Jie Ci

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.

285
papers

22,250
citations

65
h-index

144
g-index

294
ext. papers

24,842
ext. citations

8.2
avg, IF

6.89
L-index

#	Paper	IF	Citations
285	In situ modified sulfide solid electrolyte enabling stable lithium metal batteries. <i>Journal of Power Sources</i> , 2022 , 518, 230739	8.9	1
284	Alleviation role of functional carbon nanodots for tomato growth and soil environment under drought stress. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127260	12.8	6
283	Sheet-like garnet structure design for upgrading PEO-based electrolyte. <i>Chemical Engineering Journal</i> , 2022 , 429, 132343	14.7	5
282	Li ₂ CO ₃ : Insights into Its Blocking Effect on Li-Ion Transfer in Garnet Composite Electrolytes. <i>ACS Applied Energy Materials</i> , 2022 , 5, 2853-2861	6.1	2
281	Focusing on the Subsequent Coulombic Efficiencies of SiO: Initial High-Temperature Charge after Over-Capacity Prelithiation for High-Efficiency SiO-Based Full-Cell Battery.. <i>ACS Applied Materials & Interfaces</i> , 2022 , 14, 14284-14292	9.5	3
280	Commercial carbon cloth: An emerging substrate for practical lithium metal batteries. <i>Energy Storage Materials</i> , 2022 , 48, 172-190	19.4	7
279	Functional carbon nanodots improve soil quality and tomato tolerance in saline-alkali soils.. <i>Science of the Total Environment</i> , 2022 , 830, 154817	10.2	0
278	VS ₄ nanoarrays pillared Ti ₃ C ₂ T _x with enlarged interlayer spacing as anode for advanced lithium/sodium ion battery and hybrid capacitor. <i>Journal of Power Sources</i> , 2022 , 534, 231412	8.9	3
277	In situ construction of a flexible interlayer for durable solid-state lithium metal batteries. <i>Carbon</i> , 2021 , 187, 13-13	10.4	4
276	Spontaneous In Situ Surface Alloying of Li-Zn Derived from a Novel Zn ²⁺ -Containing Solid Polymer Electrolyte for Steady Cycling of Li Metal Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 4282-4292	8.3	1
275	Bifunctional In Situ Polymerized Interface for Stable LAGP-Based Lithium Metal Batteries. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100072	4.6	7
274	Lewis Acidity Organoboron-Modified Li-Rich Cathode Materials for High-Performance Lithium-Ion Batteries. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2002113	4.6	3
273	A graphene oxide coated sulfide-based solid electrolyte for dendrite-free lithium metal batteries. <i>Carbon</i> , 2021 , 177, 52-59	10.4	5
272	Phosphorous-doped bimetallic sulfides embedded in heteroatom-doped carbon nanoarrays for flexible all-solid-state supercapacitors. <i>Science China Materials</i> , 2021 , 64, 2439-2453	7.1	5
271	Enhanced Air and Electrochemical Stability of Li ₇ P ₃ S ₁₁ Based Solid Electrolytes Enabled by Aliovalent Substitution of SnO ₂ . <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100368	4.6	12
270	Carbon aerogel reinforced PDMS nanocomposites with controllable and hierarchical microstructures for multifunctional wearable devices. <i>Carbon</i> , 2021 , 171, 758-767	10.4	10
269	Ag ⁺ preintercalation enabling high performance Ag _x MnO ₂ cathode for aqueous Li-ion and Na-ion hybrid supercapacitors. <i>Journal of Power Sources</i> , 2021 , 484, 229316	8.9	2

268	Foldable potassium-ion batteries enabled by free-standing and flexible SnS ₂ @C nanofibers. <i>Energy and Environmental Science</i> , 2021 , 14, 424-436	35.4	53
267	Preparation and characterization of Sn-doped In ₂ S ₃ nanosheets as a visible-light-induced photocatalyst for tetracycline degradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 2822-2831	2.1	2
266	Fast and stable K-ion storage enabled by synergistic interlayer and pore-structure engineering. <i>Nano Research</i> , 2021 , 14, 4502	10	11
265	Rational construction of ternary ZnNiP arrayed structures derived from 2D MOFs for advanced hybrid supercapacitors and Zn batteries. <i>Electrochimica Acta</i> , 2021 , 387, 138548	6.7	5
264	Mechanistic Insights into the Structural Modulation of Transition Metal Selenides to Boost Potassium Ion Storage Stability. <i>ACS Nano</i> , 2021 , 15, 14697-14708	16.7	11
263	Ag _x Mn ₈ O ₁₆ Cathode Enables High-Performance Aqueous Li-Ion Hybrid Supercapacitors. <i>Energy & Fuels</i> , 2021 , 35, 15101-15107	4.1	1
262	One-step Synthesis of Hollow Urchin-like Ag ₂ Mn ₈ O ₁₆ for Long-life Li-O ₂ Battery. <i>Journal of Alloys and Compounds</i> , 2021 , 162137	5.7	0
261	Guest ions pre-intercalation strategy of manganese-oxides for supercapacitor and battery applications. <i>Journal of Energy Chemistry</i> , 2021 , 60, 480-493	12	8
260	A high-energy, long cycle life aqueous hybrid supercapacitor enabled by efficient battery electrode and widened potential window. <i>Journal of Alloys and Compounds</i> , 2021 , 877, 160273	5.7	4
259	Three-dimensional hollow nitrogen-doped carbon shells enclosed monodisperse CoP nanoparticles for long cycle-life sodium storage. <i>Electrochimica Acta</i> , 2021 , 395, 139112	6.7	4
258	Effects of functional carbon nanodots on water hyacinth response to Cd/Pb stress: Implication for phytoremediation. <i>Journal of Environmental Management</i> , 2021 , 299, 113624	7.9	5
257	Accelerating the activation of LiMnO in Li-rich high-Mn cathodes to improve its electrochemical performance. <i>Nanoscale</i> , 2021 , 13, 4921-4930	7.7	4
256	Microwave assisted crystalline and morphology evolution of flower-like Fe ₂ O ₃ @ iron doped K-birnessite composite and its application for lithium ion storage. <i>Applied Surface Science</i> , 2020 , 525, 146513	6.7	11
255	Enhanced Electrochemical Performance of Li _{1.2} [Mn _{0.54} Co _{0.13} Ni _{0.13}]O ₂ Enabled by Synergistic Effect of Li _{1.5} Na _{0.5} SiO ₃ Modification. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000378	4.6	6
254	Facilely tunable core-shell Si@SiO _x nanostructures prepared in aqueous solution for lithium ion battery anode. <i>Electrochimica Acta</i> , 2020 , 342, 136068	6.7	21
253	Lithium-conducting covalent-organic-frameworks as artificial solid-electrolyte-interphase on silicon anode for high performance lithium ion batteries. <i>Nano Energy</i> , 2020 , 72, 104657	17.1	49
252	Ag doped urchin-like MnO ₂ toward efficient and bifunctional electrocatalysts for Li-O ₂ batteries. <i>Nano Research</i> , 2020 , 13, 2356-2364	10	11
251	Bio-inspired multiple-stimuli responsive porous materials with switchable flexibility and programmable shape morphing capability. <i>Carbon</i> , 2020 , 161, 702-711	10.4	6

250	Promotion effect of nitrogen-doped functional carbon nanodots on the early growth stage of plants 2020 , 1,		3
249	Potassium pre-inserted K _{1.04} Mn ₈ O ₁₆ as cathode materials for aqueous Li-ion and Na-ion hybrid capacitors. <i>Journal of Energy Chemistry</i> , 2020 , 46, 53-61	12	22
248	Nitrogen and sulfur co-doped porous carbon fibers film for flexible symmetric all-solid-state supercapacitors. <i>Carbon</i> , 2020 , 158, 456-464	10.4	39
247	Enhanced plant antioxidant capacity and biodegradation of phenol by immobilizing peroxidase on amphoteric nitrogen-doped carbon dots. <i>Catalysis Communications</i> , 2020 , 134, 105847	3.2	15
246	Enhanced bioaccumulation efficiency and tolerance for Cd (II) in Arabidopsis thaliana by amphoteric nitrogen-doped carbon dots. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 190, 110108	7	12
245	Facile construction of a hybrid artificial protective layer for stable lithium metal anode. <i>Chemical Engineering Journal</i> , 2020 , 391, 123542	14.7	12
244	Lightweight graphene oxide-based sponges with high compressibility and durability for dye adsorption. <i>Carbon</i> , 2020 , 160, 54-63	10.4	18
243	Stable Lithium Anode of Li-O Batteries in a Wet Electrolyte Enabled by a High-Current Treatment. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 172-178	6.4	10
242	Stable lithium metal anode enabled by an artificial multi-phase composite protective film. <i>Journal of Power Sources</i> , 2020 , 448, 227547	8.9	20
241	Cold-pressing PEO/LAGP composite electrolyte for integrated all-solid-state lithium metal battery. <i>Solid State Ionics</i> , 2020 , 345, 115156	3.3	15
240	Structural Engineering of SnS Encapsulated in Carbon Nanoboxes for High-Performance Sodium/Potassium-Ion Batteries Anodes. <i>Small</i> , 2020 , 16, e2005023	11	50
239	High performance hierarchically nanostructured graphene oxide/covalent organic framework hybrid membranes for stable organic solvent nanofiltration. <i>Applied Materials Today</i> , 2020 , 20, 100791	6.6	16
238	Impacts of surface chemistry of functional carbon nanodots on the plant growth. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111220	7	12
237	Ultrathin carbon nanosheets for highly efficient capacitive K-ion and Zn-ion storage. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 22874-22885	13	19
236	Flexible rGO @ Nonwoven Fabrics Membranes Guide Stable Lithium Metal Anodes for Lithium-Oxygen Batteries. <i>ACS Applied Energy Materials</i> , 2020 , 3, 7944-7951	6.1	4
235	SnO ₂ microrods based triethylamine gas sensor. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 772, 012058	0.4	3
234	Ball-Milling Strategy for Fast and Stable Potassium-Ion Storage in Antimony-Carbon Composite Anodes. <i>ChemElectroChem</i> , 2020 , 7, 4587-4593	4.3	2
233	Study on Ag ₂ WO ₄ /g-C ₃ N ₄ Nanotubes as an Efficient Photocatalyst for Degradation of Rhodamine B. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 4847-4857	3.2	7

232	ZnCl-activated carbon from soybean dregs as a high efficiency adsorbent for cationic dye removal: isotherm, kinetic, and thermodynamic studies. <i>Environmental Technology (United Kingdom)</i> , 2020 , 41, 2013-2023	2.6	15
231	Composite solid electrolyte of Na3PS4-PEO for all-solid-state SnS2/Na batteries with excellent interfacial compatibility between electrolyte and Na metal. <i>Journal of Energy Chemistry</i> , 2020 , 41, 73-78 ¹²		29
230	Boron-doped graphene coated Au@SnO2 for high-performance triethylamine gas detection. <i>Materials Chemistry and Physics</i> , 2020 , 239, 121961	4.4	14
229	Selective Chemical Enhancement via Graphene Oxide in Infrared Attenuated Total Reflection Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 25286-25293	3.8	3
228	Boron nitride doped Li7P3S11 solid electrolyte with improved interfacial compatibility and application in all-solid-state Li/S battery. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 19119-19125	2.1	9
227	Well-defined cobalt sulfide nanoparticles locked in 3D hollow nitrogen-doped carbon shells for superior lithium and sodium storage. <i>Energy Storage Materials</i> , 2019 , 18, 114-124	19.4	33
226	A Review of the Role of Solvents in Formation of High-Quality Solution-Processed Perovskite Films. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 7639-7654	9.5	75
225	Self-supported multidimensional NiBe phosphide networks with holey nanosheets for high-performance all-solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 17386-17399 ¹³		43
224	Monometallic nanoporous nickel with high catalytic performance towards hydrazine electro-conversion and its DFT calculations. <i>Electrochimica Acta</i> , 2019 , 317, 449-458	6.7	7
223	Integrated nanocomposite of LiMn2O4/graphene/carbon nanotubes with pseudocapacitive properties as superior cathode for aqueous hybrid capacitors. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 842, 74-81	4.1	23
222	Effective synthetic strategy for Zn0.76Co0.24S encapsulated in stabilized N-doped carbon nanoarchitecture towards ultra-long-life hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 14670-14680	13	41
221	Surface-Confined SnS @C@rGO as High-Performance Anode Materials for Sodium- and Potassium-Ion Batteries. <i>ChemSusChem</i> , 2019 , 12, 2689-2700	8.3	78
220	Hierarchically porous carbon supported Sn4P3 as a superior anode material for potassium-ion batteries. <i>Energy Storage Materials</i> , 2019 , 23, 367-374	19.4	82
219	Non-Flammable Phosphate Electrolyte with High Salt-to-Solvent Ratios for Safe Potassium-Ion Battery. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A1217-A1222	3.9	32
218	High efficient adsorption and storage of iodine on S, N co-doped graphene aerogel. <i>Journal of Hazardous Materials</i> , 2019 , 373, 705-715	12.8	30
217	Growth direction control of lithium dendrites in a heterogeneous lithiophilic host for ultra-safe lithium metal batteries. <i>Journal of Power Sources</i> , 2019 , 416, 141-147	8.9	26
216	High Current Enabled Stable Lithium Anode for Ultralong Cycling Life of Lithium-Oxygen Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 30793-30800	9.5	14
215	Mesoporous Mn2O3 rods as a highly efficient catalyst for Li-O2 battery. <i>Journal of Power Sources</i> , 2019 , 435, 226833	8.9	14

214	Artificial Solid Electrolyte Interphase Coating to Reduce Lithium Trapping in Silicon Anode for High Performance Lithium-Ion Batteries. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1901187	4.6	25
213	Reduced graphene oxide/SnO ₂ @Au heterostructure for enhanced ammonia gas sensing. <i>Chemical Physics Letters</i> , 2019 , 737, 136829	2.5	10
212	Li metal-free rechargeable all-solid-state Li ₂ S/Si battery based on Li ₇ P ₃ S ₁₁ electrolyte. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 3145-3151	2.6	8
211	Nitrogen-doped carbon derived from pre-oxidized pitch for surface dominated potassium-ion storage. <i>Carbon</i> , 2019 , 155, 601-610	10.4	72
210	Tunable synthesis of Li _x MnO ₂ nanowires for aqueous Li-ion hybrid supercapacitor with high rate capability and ultra-long cycle life. <i>Journal of Power Sources</i> , 2019 , 413, 302-309	8.9	47
209	Fabrication of Perovskite Films with Long Carrier Lifetime for Efficient Perovskite Solar Cells from Low-Toxicity 1-Ethyl-2-Pyrrolidone. <i>ACS Applied Energy Materials</i> , 2019 , 2, 320-327	6.1	3
208	Surface-enhanced infrared attenuated total reflection spectroscopy via carbon nanodots for small molecules in aqueous solution. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 1863-1871	4.4	7
207	Investigation on Crystallization of CH ₃ NH ₃ PbI ₃ Perovskite and Its Intermediate Phase from Polar Aprotic Solvents. <i>Crystal Growth and Design</i> , 2019 , 19, 959-965	3.5	17
206	NaCa ₂ Si ₃ O ₈ (OH)/PEDOT:PSS composite nanowires as anode materials for lithium-ion batteries. <i>Chemical Physics Letters</i> , 2019 , 715, 40-44	2.5	1
205	Potassium gluconate-derived N/S Co-doped carbon nanosheets as superior electrode materials for supercapacitors and sodium-ion batteries. <i>Journal of Power Sources</i> , 2019 , 414, 308-316	8.9	65
204	Dissolution and recrystallization of perovskite induced by N-methyl-2-pyrrolidone in a closed steam annealing method. <i>Journal of Energy Chemistry</i> , 2019 , 30, 78-83	12	8
203	Enhanced efficiency of perovskite solar cells by introducing controlled chloride incorporation into MAPbI ₃ perovskite films. <i>Electrochimica Acta</i> , 2018 , 275, 1-7	6.7	22
202	Crystallization of CH ₃ NH ₃ PbI ₃ Br _x perovskite from micro-droplets of lead acetate precursor solution. <i>CrystEngComm</i> , 2018 , 20, 3058-3065	3.3	4
201	Green, Scalable, and Controllable Fabrication of Nanoporous Silicon from Commercial Alloy Precursors for High-Energy Lithium-Ion Batteries. <i>ACS Nano</i> , 2018 , 12, 4993-5002	16.7	193
200	High annealing temperature induced rapid grain coarsening for efficient perovskite solar cells. <i>Journal of Colloid and Interface Science</i> , 2018 , 524, 483-489	9.3	25
199	Graphene oxide based membrane intercalated by nanoparticles for high performance nanofiltration application. <i>Chemical Engineering Journal</i> , 2018 , 347, 12-18	14.7	99
198	High performance graphene oxide nanofiltration membrane prepared by electrospaying for wastewater purification. <i>Carbon</i> , 2018 , 130, 487-494	10.4	104
197	Fabrication of Perovskite Films with Large Columnar Grains via Solvent-Mediated Ostwald Ripening for Efficient Inverted Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018 , 1, 868-875	6.1	38

196	Commercial expanded graphite as a low-cost, long-cycling life anode for potassium-ion batteries with conventional carbonate electrolyte. <i>Journal of Power Sources</i> , 2018 , 378, 66-72	8.9	208
195	Nanostructured LiMn ₂ O ₄ composite as high-rate cathode for high performance aqueous Li-ion hybrid supercapacitors. <i>Journal of Power Sources</i> , 2018 , 392, 116-122	8.9	38
194	Li ₇ P ₃ S ₁₁ solid electrolyte coating silicon for high-performance lithium-ion batteries. <i>Electrochimica Acta</i> , 2018 , 276, 325-332	6.7	12
193	Experimental investigation of mechanical properties of UV-Curable 3D printing materials. <i>Polymer</i> , 2018 , 145, 88-94	3.9	31
192	A large-area free-standing graphene oxide multilayer membrane with high stability for nanofiltration applications. <i>Chemical Engineering Journal</i> , 2018 , 345, 536-544	14.7	102
191	Aluminum/graphene composites with enhanced heat-dissipation properties by in-situ reduction of graphene oxide on aluminum particles. <i>Journal of Alloys and Compounds</i> , 2018 , 748, 854-860	5.7	70
190	Three-dimensional iron sulfide-carbon interlocked graphene composites for high-performance sodium-ion storage. <i>Nanoscale</i> , 2018 , 10, 7851-7859	7.7	39
189	Dendrite-free Li metal anode enabled by a 3D free-standing lithiophilic nitrogen-enriched carbon sponge. <i>Journal of Power Sources</i> , 2018 , 386, 77-84	8.9	50
188	Vacuum distillation derived 3D porous current collector for stable lithium-metal batteries. <i>Nano Energy</i> , 2018 , 47, 503-511	17.1	165
187	Synergic mechanism of adsorption and metal-free catalysis for phenol degradation by N-doped graphene aerogel. <i>Chemosphere</i> , 2018 , 191, 389-399	8.4	42
186	Flexible all-solid-state supercapacitors based on freestanding, binder-free carbon nanofibers@polypyrrole@graphene film. <i>Chemical Engineering Journal</i> , 2018 , 334, 184-190	14.7	86
185	Two-step fabrication of nanoporous copper films with tunable morphology for SERS application. <i>Applied Surface Science</i> , 2018 , 427, 1271-1279	6.7	21
184	Stable all-solid-state potassium battery operating at room temperature with a composite polymer electrolyte and a sustainable organic cathode. <i>Journal of Power Sources</i> , 2018 , 399, 294-298	8.9	70
183	Green and facile synthesis of nanosized polythiophene as an organic anode for high-performance potassium-ion battery. <i>Functional Materials Letters</i> , 2018 , 11, 1840003	1.2	14
182	Fabrication and electromagnetic properties of carbon-based iron nitride composite. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 466, 22-27	2.8	17
181	Enhanced heterogeneous activation of peroxydisulfate by S, N co-doped graphene via controlling S, N functionalization for the catalytic decolorization of dyes in water. <i>Chemosphere</i> , 2018 , 210, 120-128	8.4	15
180	Self-supporting soft carbon fibers as binder-free and flexible anodes for high-performance sodium-ion batteries. <i>Materials Technology</i> , 2018 , 33, 810-814	2.1	7
179	Li ₇ P ₃ S ₁₁ /poly(ethylene oxide) hybrid solid electrolytes with excellent interfacial compatibility for all-solid-state batteries. <i>Journal of Power Sources</i> , 2018 , 400, 212-217	8.9	51

178	Sandwich-Like FeCl ₃ @C as High-Performance Anode Materials for Potassium-Ion Batteries. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800606	4.6	41
177	Core-shell structured carbon nanofibers yarn@polypyrrole@graphene for high performance all-solid-state fiber supercapacitors. <i>Carbon</i> , 2018 , 138, 264-270	10.4	86
176	Facile preparation of fullerene nanorods for high-performance lithium-sulfur batteries. <i>Materials Letters</i> , 2018 , 228, 175-178	3.3	6
175	Nanoporous Red Phosphorus on Reduced Graphene Oxide as Superior Anode for Sodium-Ion Batteries. <i>ACS Nano</i> , 2018 , 12, 7380-7387	16.7	93
174	High-performance red phosphorus/carbon nanofibers/graphene free-standing paper anode for sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1574-1581	13	48
173	Surfactant-dependent flower- and grass-like Zn _{0.76} Co _{0.24} S/Co ₃ S ₄ for high-performance all-solid-state asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 22830-22839	13	48
172	Micron-Sized Nanoporous Antimony with Tunable Porosity for High-Performance Potassium-Ion Batteries. <i>ACS Nano</i> , 2018 , 12, 12932-12940	16.7	167
171	Enhanced Cycling Performance of LiD ₂ Battery by Using a Li ₃ PO ₄ -Protected Lithium Anode in DMSO-Based Electrolyte. <i>ACS Applied Energy Materials</i> , 2018 , 1, 5511-5517	6.1	16
170	Reduced graphene oxide wrapped Au@ZnO core-shell structure for highly selective triethylamine gas sensing application at a low temperature. <i>Sensors and Actuators A: Physical</i> , 2018 , 283, 128-133	3.9	25
169	Hierarchical layer-by-layer porous FeCo ₂ S ₄ @Ni(OH) ₂ arrays for all-solid-state asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 20480-20490	13	68
168	Investigation of the gas-sensitive properties for methanol detection based on ZnO/SnO ₂ heterostructure. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 392, 032016	0.4	2
167	Facile Fabrication of Nitrogen-Doped Porous Carbon as Superior Anode Material for Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2018 , 8, 1802386	21.8	267
166	In Situ Synthesis of a Lithiophilic Ag-Nanoparticles-Decorated 3D Porous Carbon Framework toward Dendrite-Free Lithium Metal Anodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15219-15227	8.3	31
165	Reduced graphene oxide decorated Pt activated SnO ₂ nanoparticles for enhancing methanol sensing performance. <i>Journal of Alloys and Compounds</i> , 2018 , 762, 8-15	5.7	25
164	Lithium Dendrite Suppression and Enhanced Interfacial Compatibility Enabled by an Ex Situ SEI on Li Anode for LAGP-Based All-Solid-State Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 18610-18618	9.5	78
163	Improved interfacial floatability of superhydrophobic and compressive S, N co-doped graphene aerogel by electrostatic spraying for highly efficient organic pollutants recovery from water. <i>Applied Surface Science</i> , 2018 , 457, 780-788	6.7	12
162	Synergistic double-shell coating of graphene and Li ₄ SiO ₄ on silicon for high performance lithium-ion battery application. <i>Diamond and Related Materials</i> , 2018 , 88, 60-66	3.5	7
161	High-damping and conducting epoxy nanocomposite using both zinc oxide particles and carbon nanofibers. <i>Journal of Materiomics</i> , 2018 , 4, 187-193	6.7	3

160	Hollow nanoporous red phosphorus as an advanced anode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 12992-12998	13	27
159	Metal-Organic Framework Derived Iron Sulfide-Carbon Core-Shell Nanorods as a Conversion-Type Battery Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5039-5048	8.3	64
158	Control of the morphology of PbI ₂ films for efficient perovskite solar cells by strong Lewis base additives. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 7458-7464	7.1	47
157	Fabrication of high quality perovskite films by modulating the Pb bonds in Lewis acid-Base adducts. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 8416-8422	13	55
156	Graphene encapsulated Fe ₃ O ₄ nanorods assembled into a mesoporous hybrid composite used as a high-performance lithium-ion battery anode material. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1185-1193	7.8	30
155	Enhanced performance of perovskite solar cells by strengthening a self-embedded solvent annealing effect in perovskite precursor films. <i>RSC Advances</i> , 2017 , 7, 49144-49150	3.7	10
154	Perovskite Solar Cells Fabricated by Using an Environmental Friendly Aprotic Polar Additive of 1,3-Dimethyl-2-imidazolidinone. <i>Nanoscale Research Letters</i> , 2017 , 12, 632	5	15
153	Elucidating the Key Role of a Lewis Base Solvent in the Formation of Perovskite Films Fabricated from the Lewis Adduct Approach. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32868-32875	9.5	38
152	Tensile properties of millimeter-long multi-walled carbon nanotubes. <i>Scientific Reports</i> , 2017 , 7, 9512	4.9	47
151	A heart-coronary arteries structure of carbon nanofibers/graphene/silicon composite anode for high performance lithium ion batteries. <i>Scientific Reports</i> , 2017 , 7, 9642	4.9	21
150	Lithium metal protection enabled by in-situ olefin polymerization for high-performance secondary lithium sulfur batteries. <i>Journal of Power Sources</i> , 2017 , 363, 193-198	8.9	35
149	Walnut-inspired micro-sized porous silicon/graphene core-shell composites for high-performance lithium-ion battery anodes. <i>Nano Research</i> , 2017 , 10, 4274-4283	10	58
148	A titanium-based metal-organic framework as an ultralong cycle-life anode for PIBs. <i>Chemical Communications</i> , 2017 , 53, 8360-8363	5.8	77
147	High performance agar/graphene oxide composite aerogel for methylene blue removal. <i>Carbohydrate Polymers</i> , 2017 , 155, 345-353	10.3	188
146	Hierarchical Porous Chitosan Sponges as Robust and Recyclable Adsorbents for Anionic Dye Adsorption. <i>Scientific Reports</i> , 2017 , 7, 18054	4.9	74
145	MnO ₂ nanotubes with a water soluble binder as high performance sodium storage materials. <i>RSC Advances</i> , 2016 , 6, 103579-103584	3.7	16
144	Carbon coated copper sulfides nanosheets synthesized via directly sulfurizing Metal-Organic Frameworks for lithium batteries. <i>Materials Letters</i> , 2016 , 181, 340-344	3.3	22
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