

Xiao-Bo Ji

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370
papers

20,157
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74
h-index

127
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395
ext. papers

25,279
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
370	Carbon Quantum Dots and Their Derivative 3D Porous Carbon Frameworks for Sodium-Ion Batteries with Ultralong Cycle Life. <i>Advanced Materials</i> , 2015 , 27, 7861-6	24	892
369	Defect-rich and ultrathin N doped carbon nanosheets as advanced trifunctional metal-free electrocatalysts for the ORR, OER and HER. <i>Energy and Environmental Science</i> , 2019 , 12, 322-333	35.4	691
368	Carbon Anode Materials for Advanced Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1602898	11.8	649
367	Large-Area Carbon Nanosheets Doped with Phosphorus: A High-Performance Anode Material for Sodium-Ion Batteries. <i>Advanced Science</i> , 2017 , 4, 1600243	13.6	356
366	NiCo2O4-based materials for electrochemical supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14759-14772	13	352
365	Mesoporous NiCo2S4 nanoparticles as high-performance electrode materials for supercapacitors. <i>Journal of Power Sources</i> , 2015 , 273, 584-590	8.9	320
364	The Three-Dimensional Dendrite-Free Zinc Anode on a Copper Mesh with a Zinc-Oriented Polyacrylamide Electrolyte Additive. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15841-15847	16.4	309
363	Advancements and Challenges in Potassium Ion Batteries: A Comprehensive Review. <i>Advanced Functional Materials</i> , 2020 , 30, 1909486	15.6	287
362	Interfacial Design of Dendrite-Free Zinc Anodes for Aqueous Zinc-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13180-13191	16.4	256
361	3D Printed Graphene Based Energy Storage Devices. <i>Scientific Reports</i> , 2017 , 7, 42233	4.9	248
360	A carbon quantum dot decorated RuO2 network: outstanding supercapacitances under ultrafast charge and discharge. <i>Energy and Environmental Science</i> , 2013 , 6, 3665	35.4	247
359	Porous NiCo2O4 spheres tuned through carbon quantum dots utilised as advanced materials for an asymmetric supercapacitor. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 866-877	13	238
358	Electrochemical capacitors utilising transition metal oxides: an update of recent developments. <i>RSC Advances</i> , 2011 , 1, 1171	3.7	236
357	Graphene-Rich Wrapped Petal-Like Rutile TiO tuned by Carbon Dots for High-Performance Sodium Storage. <i>Advanced Materials</i> , 2016 , 28, 9391-9399	24	226
356	High Energy Density Asymmetric Supercapacitors From Mesoporous NiCo2S4 Nanosheets. <i>Electrochimica Acta</i> , 2015 , 174, 238-245	6.7	211
355	Tuning nitrogen species in three-dimensional porous carbon via phosphorus doping for ultra-fast potassium storage. <i>Nano Energy</i> , 2019 , 57, 728-736	17.1	210
354	Carbon dots supported upon N-doped TiO2 nanorods applied into sodium and lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5648-5655	13	197

353	Tailoring Rod-Like FeSe ₂ Coated with Nitrogen-Doped Carbon for High-Performance Sodium Storage. <i>Advanced Functional Materials</i> , 2018 , 28, 1801765	15.6	196
352	One-Dimensional Rod-Like Sb ₂ Te ₃ -Based Anode for High-Performance Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 19362-9	9.5	193
351	Spinel NiCo ₂ O ₄ for use as a high-performance supercapacitor electrode material: Understanding of its electrochemical properties. <i>Journal of Power Sources</i> , 2014 , 267, 888-900	8.9	191
350	Oxygenated edge plane sites slow the electron transfer of the ferro-/ferricyanide redox couple at graphite electrodes. <i>ChemPhysChem</i> , 2006 , 7, 1337-44	3.2	190
349	Ti ³⁺ Self-Doped Dark Rutile TiO ₂ Ultrafine Nanorods with Durable High-Rate Capability for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2015 , 25, 6793-6801	15.6	189
348	Carbon quantum dot micelles tailored hollow carbon anode for fast potassium and sodium storage. <i>Nano Energy</i> , 2019 , 65, 104038	17.1	180
347	Advanced Hierarchical Vesicular Carbon Co-Doped with S, P, N for High-Rate Sodium Storage. <i>Advanced Science</i> , 2018 , 5, 1800241	13.6	177
346	First exploration of Na-ion migration pathways in the NASICON structure Na ₃ V ₂ (PO ₄) ₃ . <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5358	13	172
345	Anions induced evolution of Co ₃ X ₄ (X = O, S, Se) as sodium-ion anodes: The influences of electronic structure, morphology, electrochemical property. <i>Nano Energy</i> , 2018 , 48, 617-629	17.1	171
344	Hierarchical Hollow-Microsphere MetalSelenide@Carbon Composites with Rational Surface Engineering for Advanced Sodium Storage. <i>Advanced Energy Materials</i> , 2019 , 9, 1803035	21.8	171
343	Sodium/Lithium storage behavior of antimony hollow nanospheres for rechargeable batteries. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 16189-96	9.5	170
342	Oxygen Vacancies Evoked Blue TiO ₂ (B) Nanobelts with Efficiency Enhancement in Sodium Storage Behaviors. <i>Advanced Functional Materials</i> , 2017 , 27, 1700856	15.6	165
341	Revealing the role of crystal orientation of protective layers for stable zinc anode. <i>Nature Communications</i> , 2020 , 11, 3961	17.4	161
340	Black Anatase Titania with Ultrafast Sodium-Storage Performances Stimulated by Oxygen Vacancies. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9142-51	9.5	159
339	Binding MoSe ₂ with carbon constrained in carbonous nanosphere towards high-capacity and ultrafast Li/Na-ion storage. <i>Energy Storage Materials</i> , 2018 , 12, 310-323	19.4	144
338	Anatase TiO ₂ nanocubes for fast and durable sodium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8800-8807	13	139
337	Nitrogen Doped/Carbon Tuning Yolk-Like TiO ₂ and Its Remarkable Impact on Sodium Storage Performances. <i>Advanced Energy Materials</i> , 2017 , 7, 1600173	21.8	138
336	Sb porous hollow microspheres as advanced anode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 2971-2977	13	130

335	Plasma-Induced Amorphous Shell and Deep Cation-Site S Doping Endow TiO with Extraordinary Sodium Storage Performance. <i>Advanced Materials</i> , 2018 , 30, e1801013	24	130
334	Layer-Tunable Phosphorene Modulated by the Cation Insertion Rate as a Sodium-Storage Anode. <i>Advanced Materials</i> , 2017 , 29, 1702372	24	128
333	Exploration of ion migration mechanism and diffusion capability for Na ₃ V ₂ (PO ₄) ₂ F ₃ cathode utilized in rechargeable sodium-ion batteries. <i>Journal of Power Sources</i> , 2014 , 256, 258-263	8.9	126
332	Lithium Titanate Tailored by Cathodically Induced Graphene for an Ultrafast Lithium Ion Battery. <i>Advanced Functional Materials</i> , 2014 , 24, 4349-4356	15.6	126
331	H-Insertion Boosted δ -MnO for an Aqueous Zn-Ion Battery. <i>Small</i> , 2020 , 16, e1905842	11	126
330	Electrochemical exfoliation of graphene-like two-dimensional nanomaterials. <i>Nanoscale</i> , 2018 , 11, 16-337.7		126
329	3D interconnected ultrathin cobalt selenide nanosheets as cathode materials for hybrid supercapacitors. <i>Electrochimica Acta</i> , 2018 , 269, 30-37	6.7	123
328	Controllable Interlayer Spacing of Sulfur-Doped Graphitic Carbon Nanosheets for Fast Sodium-Ion Batteries. <i>Small</i> , 2017 , 13, 1700762	11	112
327	Controllable Chain-Length for Covalent Sulfur-Carbon Materials Enabling Stable and High-Capacity Sodium Storage. <i>Advanced Energy Materials</i> , 2019 , 9, 1803478	21.8	110
326	NiCo ₂ S ₄ hollow microsphere decorated by acetylene black for high-performance asymmetric supercapacitor. <i>Electrochimica Acta</i> , 2015 , 186, 562-571	6.7	109
325	An Asymmetric Ultracapacitors Utilizing δ -Co(OH) ₂ /Co ₃ O ₄ Flakes Assisted by Electrochemically Alternating Voltage. <i>Electrochimica Acta</i> , 2014 , 141, 234-240	6.7	108
324	Metal-Organic Framework-Derived Materials for Sodium Energy Storage. <i>Small</i> , 2018 , 14, 1702648	11	102
323	Alternating Voltage Introduced NiCo Double Hydroxide Layered Nanoflakes for an Asymmetric Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 22741-4	9.5	99
322	A Na ₃ V ₂ (PO ₄) ₃ cathode material for use in hybrid lithium ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 14357-63	3.6	98
321	Antimony nanoparticles anchored on interconnected carbon nanofibers networks as advanced anode material for sodium-ion batteries. <i>Journal of Power Sources</i> , 2015 , 284, 227-235	8.9	94
320	High Ion-Conducting Solid-State Composite Electrolytes with Carbon Quantum Dot Nanofillers. <i>Advanced Science</i> , 2018 , 5, 1700996	13.6	94
319	Electroanalytical determination of cadmium(II) and lead(II) using an in-situ bismuth film modified edge plane pyrolytic graphite electrode. <i>Analytical Sciences</i> , 2007 , 23, 283-9	1.7	94
318	Three-Dimensional Hierarchical Framework Assembled by Cobblestone-Like CoSe@C Nanospheres for Ultrastable Sodium-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 14716-14726	9.5	93

317	A process for combination of recycling lithium and regenerating graphite from spent lithium-ion battery. <i>Waste Management</i> , 2019 , 85, 529-537	8.6	92
316	Cube-shaped Porous Carbon Derived from MOF-5 as Advanced Material for Sodium-Ion Batteries. <i>Electrochimica Acta</i> , 2016 , 196, 413-421	6.7	92
315	Na ₂ FePO ₄ F cathode utilized in hybrid-ion batteries: a mechanistic exploration of ion migration and diffusion capability. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2571	13	91
314	Yolk-Shell-Structured Bismuth@N-Doped Carbon Anode for Lithium-Ion Battery with High Volumetric Capacity. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 10829-10840	9.5	90
313	Ultrafast Sodium Full Batteries Derived from X ₂ Fe (X = Co, Ni, Mn) Prussian Blue Analogs. <i>Advanced Materials</i> , 2019 , 31, e1806092	24	90
312	Molybdenum Phosphide: A Conversion-type Anode for Ultralong-Life Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2017 , 29, 7313-7322	9.6	89
311	Enhanced sodium storage behavior of carbon coated anatase TiO ₂ hollow spheres. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 18944-18952	13	88
310	A kinetically well-matched full-carbon sodium-ion capacitor. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13540-13549	13	87
309	Multidimensional Evolution of Carbon Structures Underpinned by Temperature-Induced Intermediate of Chloride for Sodium-Ion Batteries. <i>Advanced Science</i> , 2018 , 5, 1800080	13.6	86
308	Heteroatom-doped carbon inlaid with Sb ₂ X ₃ (X = S, Se) nanodots for high-performance potassium-ion batteries. <i>Chemical Engineering Journal</i> , 2020 , 385, 123838	14.7	85
307	Carbon quantum dot coated Mn ₃ O ₄ with enhanced performances for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 16824-16830	13	84
306	The advance of nickel-cobalt-sulfide as ultra-fast/high sodium storage materials: The influences of morphology structure, phase evolution and interface property. <i>Energy Storage Materials</i> , 2019 , 16, 267-280	10.4	83
305	Aqueous Sodium-Ion Battery using a Na ₃ V ₂ (PO ₄) ₃ Electrode. <i>ChemElectroChem</i> , 2014 , 1, 871-876	4.3	82
304	A study into the extracted ion number for NASICON structured Na ₄ V ₂ (PO ₄) ₆ in sodium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 17681-7	3.6	79
303	Freestanding three-dimensional graphene foam gives rise to beneficial electrochemical signatures within non-aqueous media. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 5962	13	79
302	Octahedral Sb ₂ O ₃ as high-performance anode for lithium and sodium storage. <i>Materials Chemistry and Physics</i> , 2019 , 223, 46-52	4.4	79
301	Investigation of the sodium ion pathway and cathode behavior in Na ₄ V ₂ (PO ₄) ₆ combined via a first principles calculation. <i>Langmuir</i> , 2014 , 30, 12438-46	4	78
300	Rodlike SbSe Wrapped with Carbon: The Exploring of Electrochemical Properties in Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 34979-34989	9.5	78

299	A promising Na ₃ V ₂ (PO ₄) ₃ cathode for use in the construction of high energy batteries. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 3055-61	3.6	77
298	Graphitic Carbon Quantum Dots Modified Nickel Cobalt Sulfide as Cathode Materials for Alkaline Aqueous Batteries. <i>Nano-Micro Letters</i> , 2020 , 12, 16	19.5	74
297	Garnet Solid Electrolyte for Advanced All-Solid-State Li Batteries. <i>Advanced Energy Materials</i> , 2021 , 11, 2000648	21.8	74
296	Multifunctional dual Na ₃ V ₂ (PO ₄) ₂ F ₃ cathode for both lithium-ion and sodium-ion batteries. <i>RSC Advances</i> , 2014 , 4, 11375-11383	3.7	73
295	An Electrochemical Study of Sb/Acetylene Black Composite as Anode for Sodium-Ion Batteries. <i>Electrochimica Acta</i> , 2014 , 146, 328-334	6.7	73
294	Metalorganic Quantum Dots and Their Graphene-Like Derivative Porous Graphitic Carbon for Advanced Lithium-Ion Hybrid Supercapacitor. <i>Advanced Energy Materials</i> , 2019 , 9, 1802878	21.8	73
293	Nickel Chelate Derived NiS ₂ Decorated with Bifunctional Carbon: An Efficient Strategy to Promote Sodium Storage Performance. <i>Advanced Functional Materials</i> , 2018 , 28, 1803690	15.6	72
292	Understanding the sodium storage mechanisms of organic electrodes in sodium ion batteries: issues and solutions. <i>Energy and Environmental Science</i> , 2020 , 13, 1568-1592	35.4	71
291	N-rich carbon coated CoSnO ₃ derived from in situ construction of a Co-MOF with enhanced sodium storage performance. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 4839-4847	13	70
290	Pinecone-like hierarchical anatase TiO ₂ bonded with carbon enabling ultrahigh cycling rates for sodium storage. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 12591-12601	13	70
289	Carbon-coated rutile titanium dioxide derived from titanium-metal organic framework with enhanced sodium storage behavior. <i>Journal of Power Sources</i> , 2016 , 325, 25-34	8.9	70
288	High capacity NiCo ₂ O ₄ nanorods as electrode materials for supercapacitor. <i>Journal of Alloys and Compounds</i> , 2014 , 617, 988-993	5.7	70
287	Pseudo-Bonding and Electric-Field Harmony for Li-Rich Mn-Based Oxide Cathode. <i>Advanced Functional Materials</i> , 2020 , 30, 2004302	15.6	70
286	2D molybdenum disulphide (2D-MoS ₂) modified electrodes explored towards the oxygen reduction reaction. <i>Nanoscale</i> , 2016 , 8, 14767-77	7.7	70
285	N-Rich carbon-coated CoS ultrafine nanocrystals derived from ZIF-67 as an advanced anode for sodium-ion batteries. <i>Nanoscale</i> , 2018 , 10, 18786-18794	7.7	70
284	Ultrafine nickel oxide quantum dots embedded with few-layer exfoliative graphene for an asymmetric supercapacitor: Enhanced capacitances by alternating voltage. <i>Journal of Power Sources</i> , 2015 , 298, 241-248	8.9	67
283	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
282	An electrochemical investigation of rutile TiO ₂ microspheres anchored by nanoneedle clusters for sodium storage. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 15764-70	3.6	66

281	3D network-like mesoporous NiCo ₂ O ₄ nanostructures as advanced electrode material for supercapacitors. <i>Electrochimica Acta</i> , 2014 , 149, 144-151	6.7	66
280	Electrochemically cathodic exfoliation of graphene sheets in room temperature ionic liquids N-butyl, methylpyrrolidinium bis(trifluoromethylsulfonyl)imide and their electrochemical properties. <i>Electrochimica Acta</i> , 2013 , 113, 9-16	6.7	66
279	Fundamental and solutions of microcrack in Ni-rich layered oxide cathode materials of lithium-ion batteries. <i>Nano Energy</i> , 2021 , 83, 105854	17.1	66
278	An electrochemical exploration of hollow NiCo ₂ O ₄ submicrospheres and its capacitive performances. <i>Journal of Power Sources</i> , 2015 , 287, 307-315	8.9	65
277	Size-Tunable Olive-Like Anatase TiO ₂ Coated with Carbon as Superior Anode for Sodium-Ion Batteries. <i>Small</i> , 2016 , 12, 5554-5563	11	65
276	Preparation of S/N-codoped carbon nanosheets with tunable interlayer distance for high-rate sodium-ion batteries. <i>Green Chemistry</i> , 2017 , 19, 4622-4632	10	65
275	Palladium Sub-Nanoparticle Decorated Bamboo-Multi-Walled Carbon Nanotubes Exhibit Electrochemical Metastability: Voltammetric Sensing in Otherwise Inaccessible pH Ranges. <i>Electroanalysis</i> , 2006 , 18, 2481-2485	3	65
274	Insights into Enhanced Capacitive Behavior of Carbon Cathode for Lithium Ion Capacitors: The Coupling of Pore Size and Graphitization Engineering. <i>Nano-Micro Letters</i> , 2020 , 12, 121	19.5	64
273	A new approach for the improved interpretation of capacitance measurements for materials utilised in energy storage. <i>RSC Advances</i> , 2015 , 5, 12782-12791	3.7	64
272	Hierarchical NiS ₂ Modified with Bifunctional Carbon for Enhanced Potassium-Ion Storage. <i>Advanced Functional Materials</i> , 2019 , 29, 1903454	15.6	63
271	Understanding the Physicoelectrochemical Properties of Carbon Nanotubes: Current State of the Art. <i>Electroanalysis</i> , 2010 , 22, 7-19	3	63
270	Composition Engineering Boosts Voltage Windows for Advanced Sodium-Ion Batteries. <i>ACS Nano</i> , 2019 , 13, 10787-10797	16.7	62
269	Plasma-Strengthened Lithiophilicity of Copper Oxide Nanosheet-Decorated Cu Foil for Stable Lithium Metal Anode. <i>Advanced Science</i> , 2019 , 6, 1901433	13.6	62
268	Dendrite-free lithium metal anode with lithiophilic interphase from hierarchical frameworks by tuned nucleation. <i>Energy Storage Materials</i> , 2020 , 27, 124-132	19.4	61
267	Recent progress on electrolyte additives for stable lithium metal anode. <i>Energy Storage Materials</i> , 2020 , 32, 306-319	19.4	61
266	Honeycomb hard carbon derived from carbon quantum dots as anode material for K-ion batteries. <i>Materials Chemistry and Physics</i> , 2019 , 229, 303-309	4.4	60
265	Kilogram-Scale Synthesis and Functionalization of Carbon Dots for Superior Electrochemical Potassium Storage. <i>ACS Nano</i> , 2021 , 15, 6872-6885	16.7	60
264	Prelithiation/Presodiation Techniques for Advanced Electrochemical Energy Storage Systems: Concepts, Applications, and Perspectives. <i>Advanced Functional Materials</i> , 2021 , 31, 2005581	15.6	60

- 263 Hexagonal nickel oxide nanoplate-based electrochemical supercapacitor. *Journal of Materials Science*, **2012**, 47, 503-507 4.3 58
- 262 The Three-Dimensional Dendrite-Free Zinc Anode on a Copper Mesh with a Zinc-Oriented Polyacrylamide Electrolyte Additive. *Angewandte Chemie*, **2019**, 131, 15988-15994 3.6 57
- 261 Engineering the trap effect of residual oxygen atoms and defects in hard carbon anode towards high initial Coulombic efficiency. *Nano Energy*, **2019**, 64, 103937 17.1 57
- 260 Graphene electrochemical supercapacitors: the influence of oxygen functional groups. *Chemical Communications*, **2012**, 48, 2770-2 5.8 56
- 259 The electrochemical exploration of double carbon-wrapped Na₃V₂(PO₄)₃: Towards long-time cycling and superior rate sodium-ion battery cathode. *Journal of Power Sources*, **2017**, 366, 249-258 8.9 55
- 258 Enhanced stability of sodium storage exhibited by carbon coated Sb₂S₃ hollow spheres. *Materials Chemistry and Physics*, **2018**, 203, 185-192 4.4 54
- 257 High-voltage NASICON Sodium Ion Batteries: Merits of Fluorine Insertion. *Electrochimica Acta*, **2014**, 146, 142-150 6.7 54
- 256 A facile annealing strategy for achieving in situ controllable Cu₂O nanoparticle decorated copper foil as a current collector for stable lithium metal anodes. *Journal of Materials Chemistry A*, **2018**, 6, 18444-18448 13.3 54
- 255 Cathodically induced antimony for rechargeable Li-ion and Na-ion batteries: The influences of hexagonal and amorphous phase. *Journal of Power Sources*, **2015**, 282, 358-367 8.9 51
- 254 Graphene ultracapacitors: structural impacts. *Physical Chemistry Chemical Physics*, **2013**, 15, 4799-803 3.6 50
- 253 Electrode Kinetic Studies of the Hydroquinone/Benzoquinone System and the Reaction between Hydroquinone and Ammonia in Propylene Carbonate: Application to the Indirect Electroanalytical Sensing of Ammonia. *Journal of Physical Chemistry C*, **2007**, 111, 1496-1504 3.8 50
- 252 Edge plane sites on highly ordered pyrolytic graphite as templates for making palladium nanowires via electrochemical decoration. *Journal of Physical Chemistry B*, **2006**, 110, 22306-9 3.4 50
- 251 Electrochemical Exfoliation of Graphite into Nitrogen-doped Graphene in Glycine Solution and its Energy Storage Properties. *Electrochimica Acta*, **2016**, 204, 100-107 6.7 50
- 250 Electrochemically Exfoliated Phosphorene/Graphene Hybrid for Sodium-Ion Batteries. *Small Methods*, **2019**, 3, 1800328 12.8 50
- 249 Engineering 1D chain-like architecture with conducting polymer towards ultra-fast and high-capacity energy storage by reinforced pseudo-capacitance. *Nano Energy*, **2018**, 54, 26-38 17.1 50
- 248 Voltage-Induced High-Efficient In Situ Presodiation Strategy for Sodium Ion Capacitors. *Small Methods*, **2020**, 4, 1900763 12.8 49
- 247 Amorphous RuO₂ coated on carbon spheres as excellent electrode materials for supercapacitors. *RSC Advances*, **2014**, 4, 6927 3.7 49
- 246 3D hollow porous carbon microspheres derived from Mn-MOFs and their electrochemical behavior for sodium storage. *Journal of Materials Chemistry A*, **2017**, 5, 23550-23558 13 48

245	Binding low crystalline MoS ₂ nanoflakes on nitrogen-doped carbon nanotube: towards high-rate lithium and sodium storage. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 6439-6449	13	48
244	Surface-Driven Energy Storage Behavior of Dual-Heteroatoms Functionalized Carbon Material. <i>Advanced Functional Materials</i> , 2019 , 29, 1900941	15.6	47
243	Cypress leaf-like Sb as anode material for high-performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 17549-17552	13	47
242	The investigation of the electrochemically supercapacitive performances of mesoporous CuCo ₂ S ₄ . <i>RSC Advances</i> , 2016 , 6, 84236-84241	3.7	47
241	Antimony Anchored with Nitrogen-Doping Porous Carbon as a High-Performance Anode Material for Na-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 26118-26125	9.5	47
240	Simultaneously Regulating the Ion Distribution and Electric Field to Achieve Dendrite-Free Zn Anode. <i>Small</i> , 2020 , 16, e2000929	11	47
239	3D Porous Carbon Encapsulated SnO ₂ Nanocomposite for Ultrastable Sodium Ion Batteries. <i>Electrochimica Acta</i> , 2016 , 214, 156-164	6.7	47
238	Liquid Alloy Interlayer for Aqueous Zinc-Ion Battery. <i>ACS Energy Letters</i> , 2021 , 6, 675-683	20.1	47
237	Comprehensive Understanding of Sodium-Ion Capacitors: Definition, Mechanisms, Configurations, Materials, Key Technologies, and Future Developments. <i>Advanced Energy Materials</i> , 2021 , 11, 2003804	21.8	46
236	Mechanistic investigation of ion migration in Na ₃ V ₂ (PO ₄) ₂ F ₃ hybrid-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 159-65	3.6	45
235	Quinone/ester-based oxygen functional group-incorporated full carbon Li-ion capacitor for enhanced performance. <i>Nanoscale</i> , 2020 , 12, 3677-3685	7.7	45
234	Size-Tunable Single-Crystalline Anatase TiO ₂ Cubes as Anode Materials for Lithium Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 3923-3930	3.8	45
233	Non-enzymatic amperometric glucose biosensor based on nickel hexacyanoferrate nanoparticle film modified electrodes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 78, 363-6	6	45
232	Electrochemically activated MnO cathodes for high performance aqueous zinc-ion battery. <i>Chemical Engineering Journal</i> , 2020 , 402, 125509	14.7	45
231	The bond evolution mechanism of covalent sulfurized carbon during electrochemical sodium storage process. <i>Science China Materials</i> , 2019 , 62, 1127-1138	7.1	44
230	Ultra-stable Sb confined into N-doped carbon fibers anodes for high-performance potassium-ion batteries. <i>Science Bulletin</i> , 2020 , 65, 1003-1012	10.6	44
229	Nickel nanoparticles supported on nitrogen-doped honeycomb-like carbon frameworks for effective methanol oxidation. <i>RSC Advances</i> , 2017 , 7, 14152-14158	3.7	43
228	Electrochemical Investigation of Natural Ore Molybdenite (MoS) as a First-Hand Anode for Lithium Storages. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6378-6389	9.5	43

227	Uniform porous spinel NiCo ₂ O ₄ with enhanced electrochemical performances. <i>Journal of Alloys and Compounds</i> , 2015 , 632, 208-217	5.7	43
226	Printable thin film supercapacitors utilizing single crystal cobalt hydroxide nanosheets. <i>RSC Advances</i> , 2012 , 2, 1508-1515	3.7	43
225	Bi Dots Confined by Functional Carbon as High-Performance Anode for Lithium Ion Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2000756	15.6	43
224	Sulfur-doped carbon employing biomass-activated carbon as a carrier with enhanced sodium storage behavior. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24353-24360	13	42
223	Sodium titanate cuboid as advanced anode material for sodium ion batteries. <i>Journal of Power Sources</i> , 2016 , 305, 200-208	8.9	42
222	Mesoporous-TiO ₂ nanoparticles based carbon paste electrodes exhibit enhanced electrochemical sensitivity for phenols. <i>Electrochemistry Communications</i> , 2009 , 11, 1990-1995	5.1	42
221	Flower-like agglomerates of hydroxyapatite crystals formed on an egg-shell membrane. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 490-6	6	42
220	Engineering Fe-N Coordination Structures for Fast Redox Conversion in Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2021 , 33, e2100171	24	42
219	NiSb alloy hollow nanospheres as anode materials for rechargeable lithium ion batteries. <i>Chemical Communications</i> , 2014 , 50, 8201-3	5.8	41
218	Understanding the Electrochemical Reactivity of Bamboo Multiwalled Carbon Nanotubes: the Presence of Oxygenated Species at Tube Ends May not Increase Electron Transfer Kinetics. <i>Electroanalysis</i> , 2006 , 18, 2137-2140	3	41
217	Uniform and dendrite-free zinc deposition enabled by in situ formed AgZn ₃ for the zinc metal anode. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 8452-8461	13	41
216	Electrochemical Ammonia Gas Sensing in Nonaqueous Systems: A Comparison of Propylene Carbonate with Room Temperature Ionic Liquids. <i>Electroanalysis</i> , 2007 , 19, 2194-2201	3	40
215	Understanding crystal structures, ion diffusion mechanisms and sodium storage behaviors of NASICON materials. <i>Energy Storage Materials</i> , 2021 , 34, 171-193	19.4	40
214	Rose-like N-doped Porous Carbon for Advanced Sodium Storage. <i>Electrochimica Acta</i> , 2017 , 240, 24-30	6.7	39
213	Interfacial Bonding of Metal-Sulfides with Double Carbon for Improving Reversibility of Advanced Alkali-Ion Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 1910599	15.6	38
212	Pencil drawn paper based supercapacitors. <i>RSC Advances</i> , 2016 , 6, 81130-81141	3.7	38
211	2D Hexagonal Boron Nitride (2D-hBN) Explored as a Potential Electrocatalyst for the Oxygen Reduction Reaction. <i>Electroanalysis</i> , 2017 , 29, 622-634	3	38
210	Mechanistic Studies of the Electro-oxidation Pathway of Ammonia in Several Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 9562-9572	3.8	38

209	Real-Time X-ray Imaging Reveals Interfacial Growth, Suppression, and Dissolution of Zinc Dendrites Dependent on Anions of Ionic Liquid Additives for Rechargeable Battery Applications. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32031-32040	9.5	37
208	AFM studies of metal deposition: instantaneous nucleation and the growth of cobalt nanoparticles on boron-doped diamond electrodes. <i>ChemPhysChem</i> , 2006 , 7, 704-9	3.2	37
207	Room temperature ionic liquid assisted well-dispersed core-shell tin nanoparticles through cathodic corrosion. <i>RSC Advances</i> , 2013 , 3, 18791	3.7	36
206	Mo-doped Gray Anatase TiO ₂ : Lattice Expansion for Enhanced Sodium Storage. <i>Electrochimica Acta</i> , 2016 , 219, 227-234	6.7	36
205	Functionalized carbon dots for advanced batteries. <i>Energy Storage Materials</i> , 2021 , 37, 8-39	19.4	35
204	Interfacial challenges towards stable Li metal anode. <i>Nano Energy</i> , 2021 , 79, 105507	17.1	35
203	Recent development of LiNi _x Co _y Mn _z O ₂ : Impact of micro/nano structures for imparting improvements in lithium batteries. <i>Transactions of Nonferrous Metals Society of China</i> , 2013 , 23, 108-119	3.3	34
202	The electrochemical oxidation of ammonia at boron-doped diamond electrodes exhibits analytically useful signals in aqueous solutions. <i>Analyst, The</i> , 2005 , 130, 1345-7	5	34
201	Hollow-sphere ZnSe wrapped around carbon particles as a cycle-stable and high-rate anode material for reversible Li-ion batteries. <i>New Journal of Chemistry</i> , 2017 , 41, 6693-6699	3.6	32
200	Comparison of the Ammoniacal Leaching Behavior of Layered LiNi _x Co _y Mn _{1-x-y} O ₂ (x = 1/3, 0.5, 0.8) Cathode Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 7750-7759	8.3	32
199	Bi-Based Electrode Materials for Alkali Metal-Ion Batteries. <i>Small</i> , 2020 , 16, e2004022	11	32
198	Carbon materials for high-performance lithium-ion capacitor. <i>Current Opinion in Electrochemistry</i> , 2020 , 21, 31-39	7.2	32
197	Exploration and Size Engineering from Natural Chalcopyrite to High-Performance Electrode Materials for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 6154-6165	9.5	32
196	Next-Generation Additive Manufacturing: Tailorable Graphene/Poly(lactic acid) Filaments Allow the Fabrication of 3D Printable Porous Anodes for Utilisation within Lithium-Ion Batteries. <i>Batteries and Supercaps</i> , 2019 , 2, 448-453	5.6	31
195	The mechanistic exploration of porous activated graphene sheets-anchored SnO ₂ nanocrystals for application in high-performance Li-ion battery anodes. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 15098-105	3.6	31
194	Dual Functions of Potassium Antimony(III)-Tartrate in Tuning Antimony/Carbon Composites for Long-Life Na-Ion Batteries. <i>Advanced Functional Materials</i> , 2018 , 28, 1705744	15.6	30
193	Advanced Battery-Type Anode Materials for High-Performance Sodium-Ion Capacitors. <i>Small Methods</i> , 2020 , 4, 2000401	12.8	30
192	The development of carbon dots: From the perspective of materials chemistry. <i>Materials Today</i> , 2021 , 51, 188-188	21.8	30

191	Enhanced electrochemical capacitance of nanoporous NiO based on an eggshell membrane. <i>RSC Advances</i> , 2012 , 2, 1743	3.7	29
190	An amperometric biosensor for glucose based on electrodeposited redox polymer/glucose oxidase film on a gold electrode. <i>Analytical Sciences</i> , 2003 , 19, 1259-63	1.7	29
189	Chalcopyrite-Derived NaMO (M = Cu, Fe, Mn) Cathode: Tuning Impurities for Self-Doping. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 2432-2444	9.5	29
188	Advanced MoSe ₂ /Carbon Electrodes in Li/Na-Ions Batteries. <i>Advanced Materials Interfaces</i> , 2020 , 7, 1901651	6.1	28
187	Electrochemically Alternating Voltage Induced Mn ₃ O ₄ /Graphite Powder Composite with Enhanced Electrochemical Performances for Lithium-ion Batteries. <i>Electrochimica Acta</i> , 2015 , 155, 157-163	6.7	27
186	Dandelion-shaped TiO ₂ /multi-layer graphene composed of TiO ₂ (B) fibrils and anatase TiO ₂ pappi utilizing triphase boundaries for lithium storage. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8762-8768	13	27
185	Molecular-Level CuS@S Hybrid Nanosheets Constructed by Mineral Chemistry for Energy Storage Systems. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 43669-43681	9.5	27
184	Natural stibnite ore (Sb ₂ S ₃) embedded in sulfur-doped carbon sheets: enhanced electrochemical properties as anode for sodium ions storage.. <i>RSC Advances</i> , 2019 , 9, 15210-15216	3.7	25
183	Revealing the activation effects of high valence cobalt in CoMoO ₄ towards highly reversible conversion. <i>Nano Energy</i> , 2020 , 68, 104333	17.1	25
182	Demystifying the Lattice Oxygen Redox in Layered Oxide Cathode Materials of Lithium-Ion Batteries. <i>ACS Nano</i> , 2021 , 15, 6061-6104	16.7	25
181	Defective synergy of 2D graphitic carbon nanosheets promotes lithium-ion capacitors performance. <i>Energy Storage Materials</i> , 2020 , 24, 304-311	19.4	25
180	Nanorod-assembled NiCo ₂ O ₄ hollow microspheres assisted by an ionic liquid as advanced electrode materials for supercapacitors. <i>RSC Advances</i> , 2017 , 7, 11123-11128	3.7	24
179	Chem-Bonding and Phys-Trapping Se Electrode for Long-Life Rechargeable Batteries. <i>Advanced Functional Materials</i> , 2019 , 29, 1809014	15.6	24
178	Nitrogen-doped Carbon Coated Na ₃ V ₂ (PO ₄) ₃ with Superior Sodium Storage Capability. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 459-466	2.2	24
177	Electrochemically alternating voltage tuned Co ₂ MnO ₄ /Co hydroxide chloride for an asymmetric supercapacitor. <i>Electrochimica Acta</i> , 2015 , 165, 198-205	6.7	23
176	High Sulfur-Doped Hard Carbon with Advanced Potassium Storage Capacity via a Molten Salt Method. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 30431-30437	9.5	23
175	Acid induced fluorinated graphene oxide. <i>RSC Advances</i> , 2015 , 5, 9337-9340	3.7	23
174	Flower-like hydroxyapatite modified carbon paste electrodes applicable for highly sensitive detection of heavy metal ions. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7552		23

173	Stabilizing Intermediate Phases via Efficient Entrapment Effects of Layered VS ₄ /SnS@C Heterostructure for Ultralong Lifespan Potassium-Ion Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2103802	15.6	23
172	Fe ₂ O ₃ embedded in the nitrogen-doped carbon matrix with strong C-O-Fe oxygen-bridge bonds for enhanced sodium storages. <i>Materials Chemistry and Physics</i> , 2018 , 216, 58-63	4.4	23
171	Inhibition Role of Trace Metal Ion Additives on Zinc Dendrites during Plating and Stripping Processes. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1901358	4.6	22
170	Sulfur-Doped TiO Anchored on a Large-Area Carbon Sheet as a High-Performance Anode for Sodium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 44170-44178	9.5	22
169	Designing interfacial chemical bonds towards advanced metal-based energy-storage/conversion materials. <i>Energy Storage Materials</i> , 2020 , 32, 477-496	19.4	22
168	Boosting the ionic conductivity of PEO electrolytes by waste eggshell-derived fillers for high-performance solid lithium/sodium batteries. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1315-1323	7.8	22
167	Nanosizing Pd on 3D porous carbon frameworks as effective catalysts for selective phenylacetylene hydrogenation. <i>RSC Advances</i> , 2017 , 7, 15309-15314	3.7	21
166	Engineering metal sulfides with hierarchical interfaces for advanced sodium-ion storage systems. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 5284-5297	13	21
165	Lithium-Ion-Transfer Kinetics of Single LiFePO Particles. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 4976-4980	6.4	21
164	Conversion of egg-shell to hydroxyapatite for highly sensitive detection of endocrine disruptor bisphenol A. <i>Journal of Materials Chemistry</i> , 2011 , 21, 14428		21
163	Facile synthetic strategy to uniform Cu ₉ S ₅ embedded into carbon: A novel anode for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2018 , 762, 473-479	5.7	21
162	Alternating Voltage Introduced [001]-Oriented α-MoO ₃ Microrods for High-Performance Sodium-ion Batteries. <i>Electrochimica Acta</i> , 2017 , 245, 949-956	6.7	20
161	High content anion (S/Se/P) doping assisted by defect engineering with fast charge transfer kinetics for high-performance sodium ion capacitors. <i>Science Bulletin</i> , 2021 , 66, 1858-1868	10.6	20
160	Crack-free single-crystalline Co-free Ni-rich LiNi _{0.95} Mn _{0.05} O ₂ layered cathode. <i>EScience</i> , 2022 ,		20
159	High-rate sodium ion anodes assisted by N-doped carbon sheets. <i>Sustainable Energy and Fuels</i> , 2017 , 1, 1130-1136	5.8	19
158	General Synthesis of Heteroatom-Doped Hierarchical Carbon toward Excellent Electrochemical Energy Storage. <i>Batteries and Supercaps</i> , 2019 , 2, 712-722	5.6	19
157	Defect Rich Hierarchical Porous Carbon for High Power Supercapacitors. <i>Frontiers in Chemistry</i> , 2020 , 8, 43	5	19
156	Porous Carbon Induced Anatase TiO ₂ Nanodots/Carbon Composites for High-Performance Sodium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A3117-A3125	3.9	19

155	Fabrication of flower-like hydroxyapatite agglomerates with the assistant of bamboo membrane. <i>Materials Letters</i> , 2011 , 65, 1982-1985	3.3	19
154	Evaluating the influences of the sulfur content in precursors on the structure and sodium storage performances of carbon materials. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11488-11495	13	19
153	Carbon Dots Evoked Li Ion Dynamics for Solid State Battery. <i>Small</i> , 2021 , 17, e2102978	11	19
152	Rod-Like Sb ₂ MoO ₆ : Structure Evolution and Sodium Storage for Sodium-Ion Batteries. <i>Small Methods</i> , 2019 , 3, 1800533	12.8	18
151	Single Particle Electrochemistry of Collision. <i>Small</i> , 2019 , 15, e1804908	11	18
150	Nanoscale Pd supported on 3D porous carbon for enhanced selective oxidation of benzyl alcohol. <i>RSC Advances</i> , 2017 , 7, 25885-25890	3.7	17
149	Electrochemically Modulated LiNi _{1/3} Mn _{1/3} Co _{1/3} O ₂ Cathodes for Lithium-Ion Batteries. <i>Small Methods</i> , 2019 , 3, 1900065	12.8	17
148	An Electrochemically Anodic Study of Anatase TiO ₂ Tuned through Carbon-Coating for High-performance Lithium-ion Battery. <i>Electrochimica Acta</i> , 2015 , 164, 330-336	6.7	17
147	Progress in the Investigation and Application of Na ₃ V ₂ (PO ₄) ₃ for Electrochemical Energy Storage. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , 2017 , 33, 103-129	3.8	17
146	Alternating voltage induced ordered anatase TiO ₂ nanopores: An electrochemical investigation of sodium storage. <i>Journal of Power Sources</i> , 2016 , 336, 196-202	8.9	17
145	Nanosizing low-loading Pd on phosphorus-doped carbon nanotubes for enhanced HCOOH oxidation performance. <i>Electrochemistry Communications</i> , 2016 , 67, 26-30	5.1	17
144	Activated Flake Graphite Coated with Pyrolysis Carbon as Promising Anode for Lithium Storage. <i>Electrochimica Acta</i> , 2016 , 196, 405-412	6.7	17
143	Electrochemically triggered graphene sheets through cathodic exfoliation for lithium ion batteries anodes. <i>RSC Advances</i> , 2013 , 3, 16130	3.7	17
142	Interfacially Redistributed charge for robust lithium metal anode. <i>Nano Energy</i> , 2021 , 87, 106212	17.1	17
141	Evaluating the Storage Behavior of Superior Low-Cost Anode Material from Biomass for High-Rate Sodium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A1431-A1437	3.9	16
140	BiMoO Microsphere with Double-Polyaniline Layers toward Ultrastable Lithium Energy Storage by Reinforced Structure. <i>Inorganic Chemistry</i> , 2019 , 58, 6410-6421	5.1	16
139	An investigation of the electrochemically capacitive performances of mesoporous nickel cobaltite hollow spheres. <i>Electrochimica Acta</i> , 2015 , 178, 153-162	6.7	16
138	Alternating voltage induced porous Co ₃ O ₄ sheets: an exploration of its supercapacity properties. <i>RSC Advances</i> , 2015 , 5, 177-183	3.7	16

137	3D Nanosheet-Assembled CoSe Quasi-Microspheres as Advanced Electrode Materials for Electrochemical Energy Storage. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A2341-A2347	3.9	16
136	Confined N-CoSe ₂ active sites boost bifunctional oxygen electrocatalysis for rechargeable Zn air batteries. <i>Nano Energy</i> , 2021 , 91, 106675	17.1	16
135	Graphene quantum dots enable dendrite-free zinc ion battery. <i>Nano Energy</i> , 2022 , 92, 106752	17.1	16
134	Microstructured Sulfur-Doped Carbon-Coated Fe ₇ S ₈ Composite for High-Performance Lithium and Sodium Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 11783-11794	8.3	16
133	Coral-like carbon-wrapped NiCo alloys derived by emulsion aggregation strategy for efficient oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020 , 573, 96-104	9.3	16
132	Copper-substituted Na _x MO ₂ (M = Fe, Mn) cathodes for sodium ion batteries: Enhanced cycling stability through suppression of Mn(III) formation. <i>Chemical Engineering Journal</i> , 2021 , 406, 126830	14.7	16
131	Extraction of rubidium from respirable sintering dust. <i>Hydrometallurgy</i> , 2018 , 175, 144-149	4	16
130	Element substitution of a spinel LiMn ₂ O ₄ cathode. <i>Journal of Materials Chemistry A</i> ,	13	16
129	Interfacial assistant role of amine additives on zinc electrodeposition from deep eutectic solvents: an in situ X-ray imaging investigation. <i>Electrochimica Acta</i> , 2017 , 240, 90-97	6.7	15
128	Influences of transition metal on structural and electrochemical properties of Li[Ni _x Co _y Mn _z]O ₂ (0.6 ≤ x ≤ 0.8) cathode materials for lithium-ion batteries. <i>Transactions of Nonferrous Metals Society of China</i> , 2016 , 26, 1396-1402	3.3	15
127	TiO ₂ nanosheets anchoring on carbon nanotubes for fast sodium storage. <i>Electrochimica Acta</i> , 2018 , 283, 1514-1524	6.7	15
126	Nano-confined Mo ₂ C Particles Embedded in a Porous Carbon Matrix: A Promising Anode for Ultra-stable Na Storage. <i>ChemElectroChem</i> , 2017 , 4, 2669-2676	4.3	15
125	Electrochemical probing of carbon quantum dots: not suitable for a single electrode material. <i>RSC Advances</i> , 2015 , 5, 107270-107275	3.7	15
124	The Direct Electrochemical Oxidation of Ammonia in Propylene Carbonate: A Generic Approach to Amperometric Gas Sensors. <i>Electroanalysis</i> , 2006 , 18, 449-455	3	15
123	Highly stable zinc metal anode enabled by oxygen functional groups for advanced Zn-ion supercapacitors. <i>Chemical Communications</i> , 2021 , 57, 528-531	5.8	15
122	Size-Tunable Natural Mineral-Molybdenite for Lithium-Ion Batteries Toward: Enhanced Storage Capacity and Quicken Ions Transferring. <i>Frontiers in Chemistry</i> , 2018 , 6, 389	5	15
121	Revealing dual capacitive mechanism of carbon cathode toward ultrafast quasi-solid-state lithium ion capacitors. <i>Journal of Energy Chemistry</i> , 2021 , 60, 209-221	12	15
120	Interfacial Design of Dendrite-Free Zinc Anodes for Aqueous Zinc-Ion Batteries. <i>Angewandte Chemie</i> , 2020 , 132, 13280-13291	3.6	14

119	Pd ^B nanoalloys supported on a porous carbon frame as an efficient catalyst for benzyl alcohol oxidation. <i>Catalysis Science and Technology</i> , 2018 , 8, 2333-2339	5.5	14
118	Pseudocapacitive and battery-type organic polymer electrodes for a 1.9V hybrid supercapacitor with a record concentration of ammonium acetate. <i>Journal of Power Sources</i> , 2021 , 511, 230434	8.9	14
117	Constructing hierarchical sulfur-doped nitrogenous carbon nanosheets for sodium-ion storage. <i>Nanotechnology</i> , 2017 , 28, 445604	3.4	13
116	Designing Rational Interfacial Bonds for Hierarchical Mineral-Type Trogtalite with Double Carbon towards Ultra-Fast Sodium-Ions Storage Properties. <i>Advanced Functional Materials</i> , 2021 , 31, 2100156	15.6	13
115	Solid Solution Metal Chalcogenides for Sodium-Ion Batteries: The Recent Advances as Anodes. <i>Small</i> , 2021 , 17, e2101058	11	13
114	Functional carbon materials processed by NH ₃ plasma for advanced full-carbon sodium-ion capacitors. <i>Chemical Engineering Journal</i> , 2021 , 420, 129647	14.7	13
113	Synergistic effect of cross-linked carbon nanosheet frameworks and Sb on the enhancement of sodium storage performances. <i>New Journal of Chemistry</i> , 2017 , 41, 13724-13731	3.6	12
112	Cathodic corrosion: an electrochemical approach to capture Zintl compounds for powder materials. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5328-5336	13	12
111	Hollow carbon microbox from acetylacetone as anode material for sodium-ion batteries. <i>Journal of Energy Chemistry</i> , 2020 , 51, 293-302	12	12
110	Electrochemical Response of Cobalt(II) in the Presence of Ammonia. <i>Electroanalysis</i> , 2006 , 18, 44-52	3	12
109	High-Throughput Production of Cheap Mineral-Based Heterostructures for High Power Sodium Ion Capacitors. <i>Advanced Functional Materials</i> , 2110476	15.6	12
108	Carbon nanosheets from biomass waste: insights into the role of a controlled pore structure for energy storage. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 3552-3565	5.8	12
107	Electrochemically intercalated intermediate induced exfoliation of few-layer MoS ₂ from molybdenite for long-life sodium storage. <i>Science China Materials</i> , 2021 , 64, 115-127	7.1	12
106	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	12.6	12
105	Engineering the morphology/porosity of oxygen-doped carbon for sulfur host as lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2021 , 60, 531-545	12	12
104	Reversible OP4 phase in P2Ni ₂ /3Ni ₁ /3Mn ₂ /3O ₂ sodium ion cathode. <i>Journal of Power Sources</i> , 2021 , 508, 230324	8.9	12
103	Advanced Pre-Diagnosis Method of Biomass Intermediates Toward High Energy Dual-Carbon Potassium-Ion Capacitor. <i>Advanced Energy Materials</i> , 2022 , 12, 2103221	21.8	12
102	High-purity helical carbon nanotubes with enhanced electrochemical properties for supercapacitors. <i>RSC Advances</i> , 2017 , 7, 7375-7381	3.7	11

101	The Dynamic Interfacial Understanding of Zinc Electrodeposition in Ammoniacal Media through Synchrotron Radiation Techniques. <i>Journal of the Electrochemical Society</i> , 2017 , 164, D230-D236	3.9	11
100	Dual-functional porous copper films modulated via dynamic hydrogen bubble template for in situ SERS monitoring electrocatalytic reaction. <i>Applied Surface Science</i> , 2019 , 494, 731-739	6.7	11
99	Ultra-stable carbon-coated sodium vanadium phosphate as cathode material for sodium-ion battery. <i>Rare Metals</i> , 2021 , 1, 1-11	5.5	11
98	Molecularly Compensated Pre-Metallation Strategy for Metal-Ion Batteries and Capacitors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17070-17079	16.4	11
97	A graphite-modified natural stibnite mineral as a high-performance anode material for sodium-ion storage.. <i>RSC Advances</i> , 2019 , 9, 28953-28960	3.7	11
96	High-Yield Carbon Dots Interlayer for Ultra-Stable Zinc Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 2200665	21.8	11
95	Li ₄ Ti ₅ O ₁₂ quantum dot decorated carbon frameworks from carbon dots for fast lithium ion storage. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1761-1767	7.8	10
94	CuFeS ₂ as an anode material with an enhanced electrochemical performance for lithium-ion batteries fabricated from natural ore chalcopyrite. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 1991-2000	2.6	10
93	Manganese-based layered oxide cathodes for sodium ion batteries. <i>Nano Select</i> , 2020 , 1, 200-225	3.1	10
92	Hierarchical bismuth composite for fast lithium storage: Carbon dots tuned interfacial interaction. <i>Energy Storage Materials</i> , 2022 , 44, 145-155	19.4	10
91	Nanosized palladium on phosphorus-incorporated porous carbon frameworks for enhanced selective phenylacetylene hydrogenation. <i>Catalysis Science and Technology</i> , 2017 , 7, 4934-4939	5.5	10
90	Sustainable recovery of nickel, molybdenum, and vanadium from spent hydroprocessing catalysts by an integrated selective route. <i>Journal of Cleaner Production</i> , 2020 , 252, 119763	10.3	10
89	N,S-codoped carbon dots as deposition regulating electrolyte additive for stable lithium metal anode. <i>Energy Storage Materials</i> , 2021 , 42, 679-686	19.4	10
88	Multiwalled Carbon Nanotubes Resist Intercalation Whereas Pyrolytic Graphite Can Exfoliate in Propylene Carbonate: Electroanalysis Without the Deleterious Effects of Intercalation for the Detection of Ammonia. <i>Electroanalysis</i> , 2006 , 18, 2141-2147	3	9
87	Atomical Reconstruction and Cationic Reordering for Nickel-Rich Layered Cathodes. <i>Advanced Energy Materials</i> , 2020 , 10, 2103757	21.8	9
86	Advanced Materials Prepared via Metallic Reduction Reactions for Electrochemical Energy Storage. <i>Small Methods</i> , 2020 , 4, 2000613	12.8	9
85	Monocrystal Cu ₃ Mo ₂ O ₉ Confined in Polyaniline Protective Layer: an Effective Strategy for Promoting Lithium Storage Stability. <i>ChemElectroChem</i> , 2019 , 6, 1688-1695	4.3	9
84	Designing vapor silica-supported sulfur cathode for long-life lithium-sulfur battery. <i>Chemical Engineering Journal</i> , 2020 , 382, 122843	14.7	9

83	Controllable fabrication of two-dimensional layered transition metal oxides through electrochemical exfoliation of non-van der Waals metals for rechargeable zinc-ion batteries. <i>Chemical Engineering Journal</i> , 2021 , 408, 127247	14.7	9
82	Olivine LiMnxFe _{1-x} PO ₄ cathode materials for lithium ion batteries: restricted factors of rate performances. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 14214-14232	13	9
81	Influence of P doping on Na and K storage properties of N-rich carbon nanosheets. <i>Materials Chemistry and Physics</i> , 2019 , 236, 121809	4.4	8
80	Chirality Induces the Self-Assembly To Generate a 3D Porous Spiral-like Polyhedron as Metal-Free Electrocatalysts for the Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 45596-45605	9.5	8
79	Sodium-Ion Batteries: Carbon Quantum Dots and Their Derivative 3D Porous Carbon Frameworks for Sodium-Ion Batteries with Ultralong Cycle Life (Adv. Mater. 47/2015). <i>Advanced Materials</i> , 2015 , 27, 7895-7895	24	8
78	Conversion of natural egg-shell to 3D flower-like hydroxyapatite agglomerates for highly sensitive detection of As ³⁺ ions. <i>Materials Letters</i> , 2012 , 78, 120-123	3.3	8
77	Ultra-Low-Dose Pre-Metallation Strategy Served for Commercial Metal-Ion Capacitors.. <i>Nano-Micro Letters</i> , 2022 , 14, 53	19.5	8
76	Structure and Interface Modification of Carbon Dots for Electrochemical Energy Application. <i>Small</i> , 2021 , 17, e2102091	11	8
75	Natural marmatite with low discharge platform and excellent cyclicality as potential anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2019 , 321, 134676	6.7	7
74	Effect of lithium content on electrochemical property of Li _{1+x} (Mn _{0.6} Ni _{0.2} Co _{0.2}) _{1-x} O ₂ (0 ≤ x ≤ 0.3) composite cathode materials for rechargeable lithium-ion batteries. <i>Transactions of Nonferrous Metals Society of China</i> , 2018 , 28, 145-150	3.3	7
73	Determination of ammonia based on the electrochemical oxidation of N,N'-diphenyl-1,4-phenylenediamine in propylene carbonate. <i>Analytical Sciences</i> , 2007 , 23, 1317-20	1.7	7
72	Square Wave Voltammetric Determination of Trace Amounts of Europium(III) at Montmorillonite-Modified Carbon Paste Electrodes. <i>Collection of Czechoslovak Chemical Communications</i> , 2004 , 69, 1590-1599		7
71	Recent advances of composite electrolytes for solid-state Li batteries. <i>Journal of Energy Chemistry</i> , 2022 , 67, 524-548	12	7
70	Alternating voltage induced electrochemical synthesis of three-dimensionalization copper oxide for lithium-ion battery application. <i>Chemical Physics Letters</i> , 2016 , 653, 30-34	2.5	7
69	Insights into electrodeposition process of nickel from ammonium chloride media with speciation analysis and in situ synchrotron radiation X-ray imaging. <i>Electrochimica Acta</i> , 2016 , 210, 812-820	6.7	7
68	Effective inhibition of zinc dendrites during electrodeposition using thiourea derivatives as additives. <i>Journal of Materials Science</i> , 2019 , 54, 3536-3546	4.3	7
67	Advanced Carbon Materials for Sodium-Ion Capacitors. <i>Batteries and Supercaps</i> , 2021 , 4, 538-553	5.6	7
66	Electrochemically captured Zintl cluster-induced bismuthene for sodium-ion storage. <i>Chemical Communications</i> , 2021 , 57, 2396-2399	5.8	7

65	Perovskite ABO ₃ -Type MOF-Derived Carbon Decorated Fe ₃ O ₄ with Enhanced Lithium Storage Performance. <i>ChemElectroChem</i> , 2018 , 5, 3426-3436	4.3	7
64	Highly efficient re-cycle/generation of LiCoO cathode assisted by 2-naphthalenesulfonic acid. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126114	12.8	7
63	Modified bornite materials with high electrochemical performance for sodium and lithium storage. <i>Energy Storage Materials</i> , 2021 , 40, 150-158	19.4	6
62	Natural chalcopyrite as a sulfur source and its electrochemical performance for lithium-sulfur batteries. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1217-1227	6.8	5
61	Twinned copper nanoparticles modulated with electrochemical deposition for in situ SERS monitoring. <i>CrystEngComm</i> , 2018 , 20, 5609-5618	3.3	5
60	Study of nano-Ag particles doped TiO ₂ prepared by photocatalysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 3904-8	1.3	5
59	Investigation of photocatalytic activity of nano-sized TiO ₂ with the presence of various inorganic anions. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 3639-43	1.3	5
58	A 1.9-V all-organic battery-supercapacitor hybrid device with high rate capability and wide temperature tolerance in a metal-free water-in-salteelectrolyte.. <i>Journal of Colloid and Interface Science</i> , 2021 , 612, 76-87	9.3	5
57	Dianion Induced Electron Delocalization of Trifunctional Electrocatalysts for Rechargeable Zn//Air Batteries and Self-Powered Water Splitting. <i>Advanced Functional Materials</i> , 2021 , 31, 201944	15.6	5
56	Engineering multi-functionalized molecular skeleton layer for dendrite-free and durable zinc batteries. <i>Nano Energy</i> , 2022 , 99, 107426	17.1	5
55	Doping carbon networks with phosphorus for supporting Pd in catalyzing selective oxidation of benzyl alcohol. <i>Journal of Nanoparticle Research</i> , 2018 , 20, 1	2.3	4
54	Construction of 3D-ordered hydroxyapatite array structures on Ni foams by Nafion-assisted electrodeposition. <i>Materials Letters</i> , 2013 , 107, 337-339	3.3	4
53	Engineering metal-sulfides with cations-tunable metal-oxides electrocatalysts with promoted catalytic conversion for robust ions-storage capability. <i>Energy Storage Materials</i> , 2021 , 45, 1183-1183	19.4	4
52	Extremely low loading of carbon quantum dots for high energy density in polyetherimide nanocomposites. <i>Chemical Engineering Journal</i> , 2021 , 433, 133601	14.7	4
51	Anchoring Interfacial Nickel Cations by Tunable Coordinative Structure for Highly Stabilized Nickel-Rich Layered Oxide Cathodes. <i>Nano Energy</i> , 2022 , 93, 106803	17.1	4
50	Interfacial regulation of dendrite-free zinc anodes through a dynamic hydrophobic molecular membrane. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 14265-14269	13	4
49	Doubling the cyclic stability of 3D hierarchically structured composites of 1T-MoS ₂ /polyaniline/graphene through the formation of LiF-rich solid electrolyte interphase. <i>Applied Surface Science</i> , 2021 , 565, 150582	6.7	4
48	Robust artificial interlayer for columnar sodium metal anode. <i>Nano Energy</i> , 2022 , 97, 107203	17.1	4

47	Energy Storage: Large-Area Carbon Nanosheets Doped with Phosphorus: A High-Performance Anode Material for Sodium-Ion Batteries (Adv. Sci. 1/2017). <i>Advanced Science</i> , 2017 , 4,	13.6	3
46	The Contribution of Heteroatoms in Amide Derivatives with an Identical Structure on Nickel Electrodeposits. <i>Journal of the Electrochemical Society</i> , 2019 , 166, D381-D388	3.9	3
45	Single particles electrochemistry for batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 872, 113935	4.1	3
44	Graphene Encapsulated Silicon Carbide Nanocomposites for High and Low Power Energy Storage Applications. <i>Journal of Carbon Research</i> , 2017 , 3, 20	3.3	3
43	Single-Crystalline Ni-Rich layered cathodes with Super-Stable cycling. <i>Chemical Engineering Journal</i> , 2021 , 133731	14.7	3
42	Natural mineral compounds in energy-storage systems: Development, challenges, prospects. <i>Energy Storage Materials</i> , 2021 , 45, 442-442	19.4	3
41	A high-rate capability LiFePO ₄ /C cathode achieved by the modulation of the band structures. <i>Journal of Materials Chemistry A</i> ,	13	3
40	Heterogeneous Interface Design for Enhanced Sodium Storage: Sb Quantum Dots Confined by Functional Carbon.. <i>Small Methods</i> , 2021 , 5, e2100188	12.8	3
39	Enabling the sustainable recycling of LiFePO ₄ from spent lithium-ion batteries. <i>Green Chemistry</i> , 2022 , 24, 2506-2515	10	3
38	Molecularly engineered organic copolymers as high capacity cathode materials for aqueous proton battery operating at sub-zero temperatures.. <i>Journal of Colloid and Interface Science</i> , 2022 , 619, 123-131	9.3	3
37	Titelbild: The Three-Dimensional Dendrite-Free Zinc Anode on a Copper Mesh with a Zinc-Oriented Polyacrylamide Electrolyte Additive (Angew. Chem. 44/2019). <i>Angewandte Chemie</i> , 2019 , 131, 15701-15701	7.6	2
36	An oxygen pumping anode for electrowinning aluminium. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 6350-4	3.6	2
35	Zintl chemistry: Current status and future perspectives. <i>Chemical Engineering Journal</i> , 2021 , 133841	14.7	2
34	Editorial for special issue on advanced materials for energy storage and conversion. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2021 , 28, 1545-1548	3.1	2
33	MnO ₂ Nanowires Anchored with Graphene Quantum Dots for Stable Aqueous Zinc-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021 , 4, 10940-10947	6.1	2
32	Zinc recovery from dilute ammoniacal media using an integrated solvent extraction and electrolysis process. <i>Hydrometallurgy</i> , 2020 , 198, 105510	4	2
31	Molecularly Compensated Pre-Metallation Strategy for Metal-Ion Batteries and Capacitors. <i>Angewandte Chemie</i> , 2021 , 133, 17207-17216	3.6	2
30	Phase-Controllable Cobalt Phosphides Induced through Hydrogel for Higher Lithium Storages. <i>Inorganic Chemistry</i> , 2020 , 59, 6471-6480	5.1	2

29	Liquid Alloying Na-K for Sodium Metal Anodes. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 9321-9327. 6.4	2
28	General overview of sodium, potassium, and zinc-ion capacitors. <i>Journal of Alloys and Compounds</i> , 2022 , 913, 165216	5.7 2
27	Tailoring MS Quantum Dots (M = Co, Ni, Cu, Zn) for Advanced Energy Storage Materials with Strong Interfacial Engineering.. <i>Small</i> , 2022 , e2106593	11 1
26	New insights of QAIM and stress tensor to finding non-competitive/competitive torquoselectivity of cyclobutene. <i>Journal of Chemical Physics</i> , 2021 , 155, 204305	3.9 1
25	A tailor-made deep eutectic solvent for 2.2V wide temperature-tolerant supercapacitors via optimization of N,N-dimethylformamide/water co-solvents. <i>Journal of Power Sources</i> , 2022 , 521, 230954	8.9 1
24	Discerning torquoselectivity in a series of cyclobutene ring-opening reactions using quantum theory of atoms in molecules and stress tensor. <i>International Journal of Quantum Chemistry</i> , 2022 , 122, e26826	2.1 1
23	Coupling regeneration strategy of lithium-ion electrode materials turned with naphthalenedisulfonic acid. <i>Waste Management</i> , 2021 , 136, 1-10	8.6 1
22	A P2@Tunnel Heterostructure Cathode for High-Performance Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2020 , 7, 4383-4389	4.3 1
21	Channel regulation of TFC membrane with hydrophobic carbon dots in forward osmosis. <i>Chinese Chemical Letters</i> , 2021 , 32, 2882-2882	8.1 1
20	Unraveling the Mechanism of Chalcopyrite's Superior Performance for Lithium Storage. <i>ACS Applied Energy Materials</i> , 2021 , 4, 5086-5093	6.1 1
19	Electrochemically Engineering Antimony Interspersed on Graphene toward Advanced Sodium-Storage Anodes. <i>Inorganic Chemistry</i> , 2021 , 60, 12526-12535	5.1 1
18	Iron-Based Layered Cathodes for Sodium-Ion Batteries. <i>Batteries and Supercaps</i> ,	5.6 1
17	Tailoring Oxygen Site Defects of Vanadium-Based Materials through Bromine Anion Doping for Advanced Energy Storage. <i>ACS Applied Energy Materials</i> ,	6.1 1
16	Presodiation Strategies for the Promotion of Sodium-Based Energy Storage Systems. <i>Chemistry - A European Journal</i> , 2021 , 27, 16082-16092	4.8 1
15	Uniform Lithium Deposition Induced by Double Lithiophobic Sandwich Structure for Stable Lithium Metal Anode. <i>Advanced Materials Interfaces</i> , 2200011	4.6 1
14	Electrochemical Zintl Cluster Bi ₂₂ Induced chemically bonded bismuth / graphene oxide composite for sodium-ion batteries. <i>Electrochimica Acta</i> , 2022 , 413, 140174	6.7 1
13	Selective recovery of Cu(II) through polymer inclusion membranes mediated with 2-aminomethylpyridine derivatives. <i>Transactions of Nonferrous Metals Society of China</i> , 2021 , 31, 3591-3601	3.3 1
12	Trace tea polyphenols enabling reversible dendrite-free zinc anode. <i>Journal of Colloid and Interface Science</i> , 2022 , 624, 450-459	9.3 1

11	Sodium de-insertion processes in single Na TMO ₂ particles studied by an electrochemical collision method: O3 phases versus P2 phases. <i>Electrochemistry Communications</i> , 2021 , 125, 107000	5.1	o
10	Single LiNi _{0.8} Mn _{0.1} Co _{0.1} O ₂ particle electrochemistry of collision. <i>Journal of Power Sources</i> , 2021 , 506, 230228	8.9	o
9	Nanomaterials for electrochemical energy storage. <i>Frontiers of Nanoscience</i> , 2021 , 18, 421-484	0.7	o
8	Electronic Effect and Regiochemistry of Substitution in Pre-sodiation Chemistry. <i>Journal of Physical Chemistry Letters</i> , 2021 , 11968-11979	6.4	o
7	Synthesis and electrochemical characterization of F- and Cl-doped Li ₂ FeSiO ₄ cathode material for lithium-ion battery. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 2310-2321	2.1	o
6	Carbon Dots-Regulated Pomegranate-Like Metal Oxide Composites: From Growth Mechanism to Lithium Storage.. <i>Small Methods</i> , 2022 , e2200245	12.8	o
5	A sustainable route from spent hydrogenation catalysts to lamellar spherical vanadium oxide hydrates for superior low-cost aqueous Zn-ion batteries. <i>Energy Storage Materials</i> , 2022 , 50, 1-11	19.4	o
4	Suppressing the voltage failure by twinned heterostructure for high power sodium-ion capacitor. <i>Chemical Engineering Journal</i> , 2022 , 446, 137070	14.7	o
3	Enabling Reversible Reaction by Uniform Distribution of Heterogeneous Intermediates on Defect-Rich SnS ₂ /C Layered Heterostructure for Ultralong-Cycling Sodium Storage. <i>Small</i> , 2022 , 2202134	11	o
2	Next-Generation Additive Manufacturing: Tailorable Graphene/Poly(lactic acid) Filaments Allow the Fabrication of 3D Printable Porous Anodes for Utilisation within Lithium-ion Batteries. <i>Batteries and Supercaps</i> , 2019 , 2, 399-400	5.6	
1	Carbon Anode Materials for Sodium-Ion Batteries 2019 , 1-86		