

Nai-Qing Zhang

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.

229
papers

7,821
citations

51
h-index

75
g-index

235
ext. papers

9,743
ext. citations

8.6
avg, IF

6.47
L-index

#	Paper	IF	Citations
229	Synergistic effect of multi-electron conversion and anion redox media chemistry for high-performance rechargeable aqueous Zn ion batteries. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 2807-2812	13	1
228	An in situ-formed high lithiophilic solid lubricant interface layer for garnet-based solid-state lithium metal batteries. <i>Electrochimica Acta</i> , 2022 , 407, 139767	6.7	2
227	In situ conversion to construct fast ion transport and high catalytic cathode for high-sulfur loading with lean electrolyte lithium-sulfur battery. <i>Nano Energy</i> , 2022 , 95, 106979	17.1	7
226	V-doped T-Nb ₂ O ₅ toward high-performance Mg ²⁺ /Li ⁺ hybrid ion batteries. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 577-584	13	1
225	Interlayer-expanded MoS ₂ nanoflowers anchored on the graphene: A high-performance Li ⁺ /Mg ²⁺ co-intercalation cathode material. <i>Chemical Engineering Journal</i> , 2022 , 428, 131214	14.7	2
224	Ultrathin and super-tough membrane for anti-dendrite separator in aqueous zinc-ion batteries. <i>Cell Reports Physical Science</i> , 2022 , 100824	6.1	8
223	Facile synthesis of hierarchical MoS ₂ /ZnS @ porous hollow carbon nanofibers for a stable Li metal anode.. <i>Journal of Colloid and Interface Science</i> , 2022 , 622, 347-356	9.3	0
222	High-Index Faceted Nanocrystals as Highly Efficient Bifunctional Electrocatalysts for High-Performance Lithium-Sulfur Batteries.. <i>Nano-Micro Letters</i> , 2021 , 14, 40	19.5	9
221	A Dynamic and Self-Adapting Interface Coating for Stable Zn-Metal Anodes. <i>Advanced Materials</i> , 2021 , e2105133	24	31
220	Constructing Heterogeneous Structure in Metal-Organic Framework-Derived Hierarchical Sulfur Hosts for Capturing Polysulfides and Promoting Conversion Kinetics. <i>ACS Nano</i> , 2021 ,	16.7	4
219	Fast-growing multifunctional ZnMoO ₄ protection layer enable dendrite-free and hydrogen-suppressed Zn anode. <i>Energy Storage Materials</i> , 2021 , 44, 353-353	19.4	17
218	Expediting the Conversion of LiS to Li ₂ S Enables High-Performance Li-S Batteries. <i>ACS Nano</i> , 2021 , 15, 7318-7327	16.7	35
217	Constructed conductive CoSe ₂ nanoarrays as efficient electrocatalyst for high-performance LiS battery. <i>Rare Metals</i> , 2021 , 40, 3147	5.5	14
216	MoS ₂ /graphene heterostructure with facilitated Mg-diffusion kinetics for high-performance rechargeable magnesium batteries. <i>Chemical Engineering Journal</i> , 2021 , 412, 128736	14.7	17
215	Integration of nickel phosphide nanodot-enriched 3D graphene-like carbon with carbon fibers as self-supported sulfur hosts for advanced lithium sulfur batteries. <i>Electrochimica Acta</i> , 2021 , 382, 138267	6.7	9
214	Adjusting surface oxygen vacancies prompted perovskite as high performance cathode for solid oxide fuel cell. <i>Journal of Alloys and Compounds</i> , 2021 , 865, 158746	5.7	4
213	High lithiophilic nitrogen-doped carbon nanotube arrays prepared by in-situ catalyze for lithium metal anode. <i>Chinese Chemical Letters</i> , 2021 , 32, 2254-2258	8.1	10

212	A material of hierarchical interlayer-expanded MoS ₂ nanosheets/hollow N-doped carbon nanofibers as a promising Li ⁺ /Mg ²⁺ co-intercalation host. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 11545-11552	13	52
211	A hybrid Mg ²⁺ /Li ⁺ battery based on high-capacity conversion-type cobalt disulfide cathodes with ultralong cycle life and high energy density. <i>Chemical Engineering Journal</i> , 2021 , 405, 126726	14.7	5
210	The discovery of interfacial electronic interaction within cobalt boride@MXene for high performance lithium-sulfur batteries. <i>Chinese Chemical Letters</i> , 2021 , 32, 2249-2253	8.1	14
209	Basal-Plane-Activated Molybdenum Sulfide Nanosheets with Suitable Orbital Orientation as Efficient Electrocatalysts for Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2021 , 15, 16515-16524	16.7	7
208	Efficient Polysulfide Trapping and Conversion on N-Doped CoTe via Enhanced Dual-Anchoring Effect. <i>Small</i> , 2021 , 17, e2102962	11	1
207	Improving poisoning resistance of electrocatalysts via alloying strategy for high-performance lithium-sulfur batteries. <i>Energy Storage Materials</i> , 2021 , 41, 248-254	19.4	19
206	Modifying hydrogel electrolyte to induce zinc deposition for dendrite-free zinc metal anode. <i>Electrochimica Acta</i> , 2021 , 393, 139094	6.7	8
205	Kinetically enhanced electrochemical redox reactions by chemical bridging SnO ₂ and graphene sponges toward high-rate and long-cycle lithium ion battery. <i>Journal of Materials Science and Technology</i> , 2021 , 88, 250-257	9.1	1
204	Probing oxygen vacancy effect on oxygen reduction reaction of the NdBaCo ₂ O ₅ + λ cathode for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2020 , 459, 228017	8.9	21
203	Constructing the Efficient Ion Diffusion Pathway by Introducing Oxygen Defects in MnO for High-Performance Aqueous Zinc-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 28199-28205	9.5	47
202	Biomass-Derived P/N-Co-Doped Carbon Nanosheets Encapsulate CuP Nanoparticles as High-Performance Anode Materials for Sodium-Ion Batteries. <i>Frontiers in Chemistry</i> , 2020 , 8, 316	5	5
201	Rational design of well-dispersed ultrafine CoS ₂ nanocrystals in micro-mesoporous carbon spheres with a synergistic effect for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 10885-10890	13	24
200	Design of MoS/Graphene van der Waals Heterostructure as Highly Efficient and Stable Electrocatalyst for Hydrogen Evolution in Acidic and Alkaline Media. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24777-24785	9.5	29
199	Metal-Organic Frameworks-Derived Porous Yolk-shell MoP/Cu ₃ P@carbon Microcages as High-Performance Anodes for Sodium-Ion Batteries. <i>Energy and Environmental Materials</i> , 2020 , 3, 529-534	13	14
198	A novel Nb and Cu co-doped SrCoO ₃ - λ cathode for intermediate temperature solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 10862-10870	6.7	10
197	Constructing multi-functional Janus separator toward highly stable lithium batteries. <i>Energy Storage Materials</i> , 2020 , 28, 153-159	19.4	28
196	A multifunctional separator based on scandium oxide nanocrystal decorated carbon nanotubes for high performance lithium-sulfur batteries. <i>Nanoscale</i> , 2020 , 12, 6832-6843	7.7	13
195	Metal-organic framework-derived heterostructured ZnCo ₂ O ₄ @FeOOH hollow polyhedrons for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2020 , 832, 155067	5.7	3

194	Building High Rate Capability and Ultrastable Dendrite-Free Organic Anode for Rechargeable Aqueous Zinc Batteries. <i>Advanced Science</i> , 2020 , 7, 2000146	13.6	46
193	Porous structured BaCo _{0.8} Nb _{0.1} Sc _{0.1} O _{3-δ} perovskite synthesized by template method as high performance cathode for intermediate-temperature solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , 2020 , 828, 154291	5.7	4
192	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
191	Electrochemical performance of La _{0.3} Sr _{0.7} Ti _{0.3} Fe _{0.7} O _{3-δ} /CeO ₂ composite cathode for CO ₂ reduction in solid oxide electrolysis cells. <i>Journal of Power Sources</i> , 2020 , 451, 227334	8.9	11
190	Packing FeF ₃ ·0.33H ₂ O into porous graphene/carbon nanotube network as high volumetric performance cathode for lithium ion battery. <i>Journal of Power Sources</i> , 2020 , 447, 227303	8.9	16
189	Facile synthesis of TiN nanocrystals/graphene hybrid to chemically suppress the shuttle effect for lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2020 , 822, 153751	5.7	19
188	Stable artificial solid electrolyte interphase films for lithium metal anode via metal-organic frameworks cemented by polyvinyl alcohol. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 251-258	13	37
187	Precise Synthesis of Fe-N Sites with High Activity and Stability for Long-Life Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2020 , 14, 16105-16113	16.7	50
186	CuO modified glass fiber films with a mixed ion and electron-conducting scaffold for highly stable lithium metal anodes. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 21961-21967	13	5
185	Self-supported PPy-encapsulated CoS ₂ nanosheets anchored on the TiO ₂ nanorod array support by TiS bonds for ultra-long life hybrid Mg ²⁺ /Li ⁺ batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 22712-22719	13	12
184	in situ engineered ultrafine NiS-ZnS heterostructures in micro-mesoporous carbon spheres accelerating polysulfide redox kinetics for high-performance lithium-sulfur batteries. <i>Nanoscale</i> , 2020 , 12, 16201-16207	7.7	17
183	One-Dimensional CuCo ₂ O ₄ /Er _{0.4} Bi _{1.6} O ₃ Composite Fiber as Cathode of Intermediate Temperature Solid Oxide Fuel Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3950-3958	8.3	5
182	Revealing the role of crystal orientation of protective layers for stable zinc anode. <i>Nature Communications</i> , 2020 , 11, 3961	17.4	161
181	2020 Roadmap on Zinc Metal Batteries. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 3696-3708	4.5	6
180	Nitrogen-Doped CoSe ₂ as a Bifunctional Catalyst for High Areal Capacity and Lean Electrolyte of LiS Battery. <i>ACS Energy Letters</i> , 2020 , 5, 3041-3050	20.1	76
179	Intercalation Pseudocapacitive Zn Storage with Hydrated Vanadium Dioxide toward Ultrahigh Rate Performance. <i>Advanced Materials</i> , 2020 , 32, e1908420	24	66
178	Hierarchical Mn O Anchored on 3D Graphene Aerogels via C-O-Mn Linkage with Superior Electrochemical Performance for Flexible Asymmetric Supercapacitor. <i>Chemistry - A European Journal</i> , 2020 , 26, 9314-9318	4.8	11
177	Iron Fluoride Nanoparticles Embedded in a Nitrogen and Oxygen Dual-doped 3D Porous Carbon Derived from Nori for High Rate Cathode in Lithium-ion Battery. <i>ChemistrySelect</i> , 2019 , 4, 10334-10339	1.8	2

176	Review Status of Zinc-Silver Battery. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A2980-A2989	3.9	10
175	A general way to fabricate transition metal dichalcogenide/oxide-sandwiched MXene nanosheets as flexible film anodes for high-performance lithium storage. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 2577-2582	5.8	18
174	Carbon coated porous SnO ₂ nanosheet arrays on carbon cloth towards enhanced lithium storage performance. <i>Materials Today Energy</i> , 2019 , 14, 100344	7	3
173	Chemical Mass Production of MoS ₂ /Graphene van der Waals Heterostructure as a High-Performance Li-ion Intercalation Host. <i>ChemElectroChem</i> , 2019 , 6, 3393-3400	4.3	7
172	Blocking Polysulfide with CoB@CNT via "Synergetic Adsorptive Effect" toward Ultrahigh-Rate Capability and Robust Lithium-Sulfur Battery. <i>ACS Nano</i> , 2019 , 13, 6742-6750	16.7	69
171	Significant Zirconium Substitution Effect on the Oxygen Reduction Activity of the Cathode Material NdBaCo ₂ O ₅ +F for Solid Oxide Fuel Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 11603-11611	8.3	14
170	Highly Efficient CuCo ₂ O ₄ Decorated Er _{0.4} Bi _{1.6} O ₃ Nanostructured Cathode for Intermediate Temperature Solid Oxide Fuel Cells. <i>ChemistrySelect</i> , 2019 , 4, 6606-6613	1.8	2
169	Metallic NiSe ₂ nanoarrays towards ultralong life and fast Li ₂ S oxidation kinetics of LiS batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 15302-15308	13	37
168	Carbon coated amorphous bimetallic sulfide hollow nanocubes towards advanced sodium ion battery anode. <i>Carbon</i> , 2019 , 150, 378-387	10.4	38
167	Iron fluoride vertical nanosheets array modified with graphene quantum dots as long-life cathode for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2019 , 371, 245-251	14.7	41
166	MoP hollow nanospheres encapsulated in 3D reduced graphene oxide networks as high rate and ultralong cycle performance anodes for sodium-ion batteries. <i>Nanoscale</i> , 2019 , 11, 7129-7134	7.7	34
165	Ultrasmall Iron Fluoride Nanoparticles Embedded in Graphitized Porous Carbon Derived from Fe-Based Metal Organic Frameworks as High-Performance Cathode Materials for Li Batteries. <i>ChemElectroChem</i> , 2019 , 6, 2189-2194	4.3	12
164	PVP incorporated MoS ₂ as a Mg ion host with enhanced capacity and durability. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 4426-4430	13	18
163	Two-dimensional NbO holey nanosheets prepared by a graphene sacrificial template method for high performance Mg/Li hybrid ion batteries. <i>Nanoscale</i> , 2019 , 11, 16222-16227	7.7	12
162	Promotion on electrochemical performance of Ba-deficient Ba _{1-x} Bi _{0.05} Co _{0.8} Nb _{0.15} O ₃ cathode for intermediate temperature solid oxide fuel cells. <i>International Journal of Energy Research</i> , 2019 , 43, 7085	4.5	2
161	Nitrogen Plasma-Treated Core-Shell Si@SiO@TiO: Nanoparticles with Significantly Improved Lithium Storage Performance. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27658-27666	9.5	26
160	A Class of Catalysts of BiOX (X = Cl, Br, I) for Anchoring Polysulfides and Accelerating Redox Reaction in Lithium Sulfur Batteries. <i>ACS Nano</i> , 2019 , 13, 13109-13115	16.7	63
159	Redox Mediator: A New Strategy in Designing Cathode for Prompting Redox Process of Li-S Batteries. <i>Advanced Science</i> , 2019 , 6, 1900958	13.6	27

158	MoN Supported on Graphene as a Bifunctional Interlayer for Advanced Li-S Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1901940	21.8	104
157	3D Hierarchical CNT-Based Host with High Sulfur Loading for Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , 2019 , 6, 5698-5704	4.3	4
156	BaCo _{1-x} Nb _x O ₃ as a Promising Cathode for Intermediate Temperature Solid Oxide Fuel Cells. <i>ChemistrySelect</i> , 2019 , 4, 10851-10855	1.8	2
155	SnS /SnO Heterostructures towards Enhanced Electrochemical Performance of Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2019 , 25, 5416-5421	4.8	48
154	Fabrication of layered structure VS ₄ anchor in 3D graphene aerogels as a new cathode material for lithium ion batteries. <i>Frontiers in Energy</i> , 2019 , 13, 597-602	2.6	9
153	Heterostructured SnS-ZnS@C hollow nanoboxes embedded in graphene for high performance lithium and sodium ion batteries. <i>Chemical Engineering Journal</i> , 2019 , 356, 1042-1051	14.7	129
152	CuCo ₂ O ₄ -Er _{0.4} Bi _{1.6} O ₃ -An active hybrid cathode for intermediate temperature solid oxide fuel cells. <i>Ceramics International</i> , 2019 , 45, 6037-6042	5.1	3
151	Fe-MOF derived jujube pit like Fe ₃ O ₄ /C composite as sulfur host for lithium-sulfur battery. <i>Electrochimica Acta</i> , 2019 , 295, 444-451	6.7	73
150	In Situ Synthesis of CuCoS@N/S-Doped Graphene Composites with Pseudocapacitive Properties for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 11708-11714	9.5	81
149	Metal-Organic Framework-Derived CoZnC/Co Embedded in Nitrogen-Doped Carbon Nanotube-Grafted Carbon Polyhedra as a High-Performance Electrocatalyst for Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6245-6252	9.5	54
148	N doped carbon coated VO nanobelt arrays growing on carbon cloth toward enhanced performance cathodes for lithium ion batteries.. <i>RSC Advances</i> , 2018 , 8, 6540-6543	3.7	7
147	MOF-directed templating synthesis of hollow nickel-cobalt sulfide with enhanced electrocatalytic activity for oxygen evolution. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 8815-8823	6.7	32
146	Metal-organic framework-derived Zn _{0.975} Co _{0.025} S/CoS ₂ embedded in N,S-codoped carbon nanotube/nanopolyhedra as an efficient electrocatalyst for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10441-10446	13	52
145	Fabrication of CuCo ₂ S ₄ hollow sphere @N/S doped graphene composites as high performance anode materials for lithium ion batteries. <i>Ceramics International</i> , 2018 , 44, 11905-11909	5.1	21
144	Anchoring hollow MoO ₂ spheres on graphene for superior lithium storage. <i>Chemical Engineering Journal</i> , 2018 , 334, 257-263	14.7	42
143	Fabrication Sandwich-Like V ₂ O ₅ Nanosheets Anchor in Graphene Towards High Energy Lithium Cathode Materials. <i>Energy Technology</i> , 2018 , 6, 2115-2119	3.5	5
142	A Conductive Ni P Nanoporous Composite with a 3D Structure Derived from a Metal-Organic Framework for Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2018 , 24, 13253-13258	4.8	35
141	Rational Design of Hierarchical SnO ₂ /1T-MoS ₂ Nanoarray Electrode for Ultralong-Life LiS Batteries. <i>ACS Energy Letters</i> , 2018 , 3, 1627-1633	20.1	84

140	The facile synthesis and enhanced lithium-sulfur battery performance of an amorphous cobalt boride (Co ₂ B)@graphene composite cathode. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 24045-24049	13	39
139	Nanoflake MnO ₂ deposited on carbon nanotubes-graphene-Ni foam scaffolds as self-standing three-dimensional porous anodes for high-rate-performance lithium-ion batteries. <i>Journal of Power Sources</i> , 2018 , 402, 373-380	8.9	25
138	Electrochemically active separators with excellent catalytic ability toward high-performance LiS batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11694-11699	13	31
137	Ion-Selective Prussian-Blue-Modified Celgard Separator for High-Performance Lithium-Sulfur Battery. <i>ChemSusChem</i> , 2018 , 11, 3345-3351	8.3	52
136	Nanostructured CuCo ₂ O ₄ cathode for intermediate temperature solid oxide fuel cells via an impregnation technique. <i>Journal of Power Sources</i> , 2017 , 343, 268-274	8.9	19
135	Long-Life Lithium-Sulfur Battery Derived from Nori-Based Nitrogen and Oxygen Dual-Doped 3D Hierarchical Biochar. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18889-18896	9.5	53
134	Preparation of polypyrrole-coated Bi ₂ O ₃ @CMK-3 nanocomposite for electrochemical lithium storage. <i>Electrochimica Acta</i> , 2017 , 238, 202-209	6.7	18
133	Ultra-high rate LiS batteries based on a novel conductive Ni ₂ P yolk-shell material as the host for the S cathode. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 14519-14524	13	67
132	Synthesis of carbon coated Bi ₂ O ₃ nanocomposite anode for sodium-ion batteries. <i>Ceramics International</i> , 2017 , 43, 8819-8823	5.1	25
131	Metal-Organic-Framework-Derived Yolk-Shell-Structured Cobalt-Based Bimetallic Oxide Polyhedron with High Activity for Electrocatalytic Oxygen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 31777-31785	9.5	50
130	Hierarchical mesoporous SnO ₂ nanosheets on carbon cloth toward enhancing the polysulfides redox for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19613-19618	13	59
129	Kinetics enhancement of lithium-sulfur batteries by interlinked hollow MoO ₂ sphere/nitrogen-doped graphene composite. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 25187-25192	13	63
128	Coupled flower-like BiS and graphene aerogels for superior sodium storage performance. <i>Nanoscale</i> , 2017 , 9, 17694-17698	7.7	56
127	CuCo ₂ O ₄ -Gd _{0.1} Ce _{0.9} O _{1.95} as a Potential Cathode Material for Intermediate Temperature Solid Oxide Fuel Cells. <i>ChemElectroChem</i> , 2017 , 4, 252-255	4.3	8
126	Recycled Superwetting Nanostructured Copper Mesh Film: Toward Bidirectional Separation of Emulsified Oil/Water Mixtures. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600370	4.6	34
125	Scalable salt-templated synthesis of two-dimensional transition metal oxides. <i>Nature Communications</i> , 2016 , 7, 11296	17.4	300
124	Copper cobalt spinel as a high performance cathode for intermediate temperature solid oxide fuel cells. <i>Chemical Communications</i> , 2016 , 52, 8615-8	5.8	37
123	Synthesis of Pr _{0.6} Sr _{0.4} FeO _{3-x} Ce _{0.9} Pr _{0.1} O _{2-δ} cobalt-free composite cathodes by a one-pot method for intermediate-temperature solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 4005-4015	6.7	22

122	Preparation and characterization of one-dimensional nano-structured composite cathodes for solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , 2016 , 663, 664-671	5.7	8
121	Fabrication and characterization of Ni-SSZ/SSZ/LSM-SSZ anode-supported SOFCs by tape casting and single-step co-sintering techniques. <i>Ionics</i> , 2016 , 22, 1145-1152	2.7	6
120	Preparation and characterization of Pr _{0.6} Sr _{0.4} FeO ₃ Te _{0.9} Pr _{0.1} O ₂ nanofiber structured composite cathode for IT-SOFCs. <i>Ceramics International</i> , 2016 , 42, 9311-9314	5.1	8
119	Fabrication and characterization of SSZ tape cast electrolyte-supported solid oxide fuel cells. <i>Ceramics International</i> , 2016 , 42, 5523-5529	5.1	6
118	High thermal stability of three-dimensionally ordered nano-composite cathodes for solid oxide fuel cells. <i>Electrochimica Acta</i> , 2016 , 187, 179-185	6.7	6
117	Mesoporous CuCo ₂ O ₄ nanoparticles as an efficient cathode catalyst for Li-O ₂ batteries. <i>Journal of Power Sources</i> , 2016 , 325, 506-512	8.9	51
116	Understanding the sintering temperature effect on oxygen ion conductivity in doped ceria electrolytes. <i>Ionics</i> , 2016 , 22, 1699-1708	2.7	6
115	Ternary Ta ₂ NiSe ₅ Flakes for a High-Performance Infrared Photodetector. <i>Advanced Functional Materials</i> , 2016 , 26, 8281-8289	15.6	82
114	The facile preparation of a carbon coated Bi ₂ O ₃ nanoparticle/nitrogen-doped reduced graphene oxide hybrid as a high-performance anode material for lithium-ion batteries. <i>RSC Advances</i> , 2016 , 6, 99825-99832	2.7	8
113	Bi ₂ O ₃ nanoparticles encapsulated by three-dimensional porous nitrogen-doped graphene for high-rate lithium ion batteries. <i>Journal of Power Sources</i> , 2016 , 333, 30-36	8.9	68
112	Graphene Aerogels with Anchored Sub-Micrometer Mulberry-Like ZnO Particles for High-Rate and Long-Cycle Anode Materials in Lithium Ion Batteries. <i>Small</i> , 2016 , 12, 5208-5216	11	72
111	A pH-responsive superwetting nanostructured copper mesh film for separating both water-in-oil and oil-in-water emulsions. <i>RSC Advances</i> , 2016 , 6, 72317-72325	3.7	21
110	pH-controllable on-demand oil/water separation on the switchable superhydrophobic/superhydrophilic and underwater low-adhesive superoleophobic copper mesh film. <i>Langmuir</i> , 2015 , 31, 1393-9	4	187
109	Fabrication and characterization of Ni-SSZ gradient anodes/SSZ electrolyte for anode-supported SOFCs by tape casting and co-sintering technique. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 8433-8441	6.7	25
108	One-pot synthesis of 3-D dandelion-like architectures constructed by rutile TiO ₂ nanorods grown along [001] axis for high-rate lithium ion batteries. <i>RSC Advances</i> , 2015 , 5, 21285-21289	3.7	9
107	Regulating Underwater Oil Adhesion on Superoleophobic Copper Films through Assembling n-Alkanoic Acids. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20410-7	9.5	31
106	Higher Yield Urea-Derived Polymeric Graphitic Carbon Nitride with Mesoporous Structure and Superior Visible-Light-Responsive Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 3412-3419	8.3	102
105	Mussel-inspired tailoring of membrane wettability for harsh water treatment. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 2650-2657	13	150

104	The facile preparation of a cobalt disulfide-reduced graphene oxide composite film as an efficient counter electrode for dye-sensitized solar cells. <i>Chemical Communications</i> , 2015 , 51, 1846-9	5.8	32
103	In situ preparation of 3D graphene aerogels@hierarchical Fe ₃ O ₄ nanoclusters as high rate and long cycle anode materials for lithium ion batteries. <i>Chemical Communications</i> , 2015 , 51, 1597-600	5.8	73
102	Carbon Nanohorns Carried Iron Fluoride Nanocomposite with ultrahigh rate lithium ion storage properties. <i>Scientific Reports</i> , 2015 , 5, 12154	4.9	16
101	Assembling Mixed Carboxylic Acid Molecules on Hierarchical Structured Aluminum Substrates for the Fabrication of Superoleophobic Surfaces with Controlled Oil Adhesion. <i>ChemPlusChem</i> , 2015 , 80, 151-157	2.8	3
100	Self-supported, binder-free 3D hierarchical iron fluoride flower-like array as high power cathode material for lithium batteries. <i>Nano Energy</i> , 2014 , 4, 7-13	17.1	45
99	Recovering energy from dye wastewater for a new kind of superior supercapacitor material. <i>RSC Advances</i> , 2014 , 4, 21419	3.7	5
98	pH-induced reversible wetting transition between the underwater superoleophilicity and superoleophobicity. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 636-41	9.5	118
97	Flexible patterned micro-electrochemical capacitors based on PEDOT. <i>Chemical Communications</i> , 2014 , 50, 6789-92	5.8	30
96	Surface modification of LiV ₃ O ₈ nanosheets via layer-by-layer self-assembly for high-performance rechargeable lithium batteries. <i>Journal of Power Sources</i> , 2014 , 257, 319-324	8.9	19
95	Confined iron fluoride@CMK-3 nanocomposite as an ultrahigh rate capability cathode for Li-ion batteries. <i>Small</i> , 2014 , 10, 2039-46	11	58
94	3D porous micro/nanostructured interconnected metal/metal oxide electrodes for high-rate lithium storage. <i>RSC Advances</i> , 2013 , 3, 432-437	3.7	36
93	Underwater superoleophilic to superoleophobic wetting control on the nanostructured copper substrates. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 11363-70	9.5	67
92	Decoration of graphene with silicon nanoparticles by covalent immobilization for use as anodes in high stability lithium ion batteries. <i>Journal of Power Sources</i> , 2013 , 240, 212-218	8.9	51
91	In situ synthesis of LiV ₃ O ₈ nanorods on graphene as high rate-performance cathode materials for rechargeable lithium batteries. <i>Chemical Communications</i> , 2013 , 49, 9143-5	5.8	29
90	Improved electrochemical performance of CuCrO ₂ anode with CNTs as conductive agent for lithium ion batteries. <i>Materials Letters</i> , 2013 , 97, 113-116	3.3	19
89	High storage performance of core-shell Si@C nanoparticles as lithium ion battery anodematerial. <i>Materials Letters</i> , 2013 , 96, 170-173	3.3	22
88	From petal effect to lotus effect: a facile solution immersion process for the fabrication of super-hydrophobic surfaces with controlled adhesion. <i>Nanoscale</i> , 2013 , 5, 2776-83	7.7	155
87	An in situ ionic-liquid-assisted synthetic approach to iron fluoride/graphene hybrid nanostructures as superior cathode materials for lithium ion batteries. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 5057-63	9.5	57

86	Porous MoO ₃ films with ultra-short relaxation time used for supercapacitors. <i>Materials Research Bulletin</i> , 2013 , 48, 1328-1332	5.1	44
85	Designing heterogeneous chemical composition on hierarchical structured copper substrates for the fabrication of superhydrophobic surfaces with controlled adhesion. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 8753-60	9.5	45
84	Electrochemical preparation of porous MoO ₃ film with a high rate performance as anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 221-224	13	79
83	Selective transportation of microdroplets assisted by a superhydrophobic surface with pH-responsive adhesion. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 3200-6	4.5	16
82	Sulfur tolerance improvement of Ni-YSZ anode by alkaline earth metal oxide BaO for solid oxide fuel cells. <i>Electrochemistry Communications</i> , 2012 , 19, 63-66	5.1	16
81	Fabrication of anode-supported Sc ₂ O ₃ -stabilized-ZrO ₂ electrolyte micro-tubular Solid Oxide Fuel Cell by phase-inversion and dip-coating. <i>Electrochemistry Communications</i> , 2012 , 20, 117-120	5.1	20
80	Facile ammonia-induced fabrication of nanoporous NiO films with enhanced lithium-storage properties. <i>Electrochemistry Communications</i> , 2012 , 20, 137-140	5.1	53
79	Electrodeposited Si film with excellent stability and high rate performance for lithium-ion battery anodes. <i>Materials Letters</i> , 2012 , 76, 55-58	3.3	37
78	Enhanced sulfur and carbon coking tolerance of novel co-doped ceria based anode for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2012 , 201, 128-135	8.9	16
77	Highly dispersed Ag nanoparticles (. <i>Journal of Power Sources</i> , 2012 , 205, 479-482	8.9	72
76	Influences of synthesis route and preparation process on the electrochemical properties of Fe-doped strontium cobaltite. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 313-319	2.6	6
75	Facile fabrication of CuO 1D pine-needle-like arrays for super-rate lithium storage. <i>Journal of Materials Chemistry</i> , 2012 , 22, 15080		51
74	High performance three-dimensionally ordered macroporous composite cathodes for intermediate temperature solid oxide fuel cells. <i>RSC Advances</i> , 2012 , 2, 802-804	3.7	14
73	Facile fabrication of CuO mesoporous nanosheet cluster array electrodes with super lithium-storage properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13637		90
72	Magnetically Induced Reversible Transition between Cassie and Wenzel States of Superparamagnetic Microdroplets on Highly Hydrophobic Silicon Surface. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 18796-18802	3.8	50
71	pH-controllable water permeation through a nanostructured copper mesh film. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 5826-32	9.5	46
70	Super-hydrophobic surface with switchable adhesion responsive to both temperature and pH. <i>Soft Matter</i> , 2012 , 8, 9635	3.6	26
69	Improved performance of ammonia-fueled solid oxide fuel cell with SSZ thin film electrolyte and Ni-SSZ anode functional layer. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 10857-10865	6.7	22

68	Preparation of dual-pore anode supported Sc ₂ O ₃ -stabilized-ZrO ₂ electrolyte planar solid oxide fuel cell by phase-inversion and dip-coating. <i>Journal of Power Sources</i> , 2012 , 218, 352-356	8.9	27
67	Facile one-step fabrication of dual-pore anode for planar solid oxide fuel cell by the phase inversion. <i>Electrochemistry Communications</i> , 2012 , 22, 41-44	5.1	11
66	A Vapor-Phase Corrosion Strategy to Hierarchically Mesoporous Nanosheet-Assembled Gearlike Pillar Arrays for Super-Performance Lithium Storage. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 21224-21231	3.8	20
65	A novel doped CeO ₂ /LaFeO ₃ composite oxide as both anode and cathode for solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 12574-12579	6.7	21
64	Constrained sintering of Y ₂ O ₃ -stabilized ZrO ₂ electrolyte on anode substrate. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 18365-18371	6.7	8
63	Enhanced low temperature performances of expanded commercial mesocarbon microbeads (MCMB) as lithium ion battery anodes. <i>Materials Letters</i> , 2012 , 89, 243-246	3.3	27
62	A novel grain restraint strategy to synthesize highly crystallized Li ₄ Ti ₅ O ₁₂ (~20 nm) for lithium ion batteries with superior high-rate performance. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11688		45
61	A facile one-pot route for the controllable growth of small sized and well-dispersed ZnO particles on GO-derived graphene. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11778		144
60	3D Self-Supported Nanoarchitected Arrays Electrodes for Lithium-Ion Batteries. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-19	3.2	34
59	Preparation of honeycomb porous La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-δ} /La _{0.2} Ce _{0.8} O _{2-δ} composite cathodes by breath figures method for solid oxide fuel cells. <i>Applied Surface Science</i> , 2011 , 258, 50-57	6.7	19
58	A facile method to prepare hybrid LiNi _{0.5} Mn _{1.5} O ₄ /C with enhanced rate performance. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 3783-3786	5.7	29
57	A facile and environment-friendly method to fabricate thin electrolyte films for solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 5388-5393	5.7	7
56	Chemical compatibility, thermal expansion matches and electrochemical performance of SrCo _{0.8} Fe _{0.2} O _{3-δ} /La _{0.45} Ce _{0.55} O _{2-δ} composite cathodes for intermediate-temperature solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 12549-12554	6.7	6
55	The influence of Li sources on physical and electrochemical properties of LiNi _{0.5} Mn _{1.5} O ₄ cathode materials for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 391-397	2.6	9
54	Facile preparation of nanocrystalline Li ₄ Ti ₅ O ₁₂ and its high electrochemical performance as anode material for lithium-ion batteries. <i>Electrochemistry Communications</i> , 2011 , 13, 654-656	5.1	66
53	Enhanced rate performance of carbon-coated LiNi _{0.5} Mn _{1.5} O ₄ cathode material for lithium ion batteries. <i>Electrochimica Acta</i> , 2011 , 56, 4058-4064	6.7	158
52	Preparation and characterization of nano-tube and nano-rod structured La _{0.8} Sr _{0.2} MnO _{3-δ} /Zr _{0.92} Y _{0.08} O ₂ composite cathodes for solid oxide fuel cells. <i>Electrochemistry Communications</i> , 2011 , 13, 570-573	5.1	18
51	Preparation of honeycomb porous solid oxide fuel cell cathodes by breath figures method. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 7641-7648	6.7	12

50	Effective AgCuO sealant for planar solid oxide fuel cells. <i>Journal of Alloys and Compounds</i> , 2010 , 496, 96-99	5-7	18
49	The influence of holding time on the performance of LiNi _{0.5} Mn _{1.5} O ₄ cathode for lithium ion battery. <i>Journal of Alloys and Compounds</i> , 2010 , 502, 215-219	5-7	56
48	Fabrication and evaluation of anode and thin Y ₂ O ₃ -stabilized ZrO ₂ film by co-tape casting and co-firing technique. <i>Journal of Power Sources</i> , 2010 , 195, 2644-2648	8.9	37
47	Preparation and performance of large-area La _{0.9} Sr _{0.1} Ga _{0.8} Mg _{0.2} O ₃ electrolyte for intermediate temperature solid oxide fuel cell. <i>Journal of Power Sources</i> , 2010 , 195, 7583-7586	8.9	13
46	Effect of co-sintering temperature on the performance of SOFC with YSZ electrolyte thin films fabricated by dip-coating method. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 637-642	2.6	14
45	Performance of mix-impregnated CeO ₂ -Ni/YSZ Anodes for Direct Oxidation of Methane in Solid Oxide Fuel Cells. <i>Fuel Cells</i> , 2009 , 9, 729-739	2.9	29
44	Optimization on fabrication and performance of A-site-deficient La _{0.58} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-δ} cathode for SOFC. <i>Journal of Solid State Electrochemistry</i> , 2009 , 13, 455-467	2.6	33
43	Improvement of high-voltage cycling behavior of Li(Ni _{1/3} Co _{1/3} Mn _{1/3})O ₂ cathodes by Mg, Cr, and Al substitution. <i>Journal of Solid State Electrochemistry</i> , 2009 , 13, 1381-1386	2.6	49
42	High rate performance of Li[Ni _{1/3} Co _{1/3} Mn _{1/3}]O ₂ synthesized via co-precipitation method by different precipitators. <i>Journal of Physics and Chemistry of Solids</i> , 2009 , 70, 727-731	3.9	12
41	Improved electrical performance and sintering ability of the composite interconnect La _{0.7} Ca _{0.3} CrO ₃ /Ce _{0.8} Nd _{0.2} O _{1.9} for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2009 , 191, 377-383	8.9	10
40	Investigation on silver electric adhesive doped with Al ₂ O ₃ ceramic particles for sealing planar solid oxide fuel cell. <i>Journal of Power Sources</i> , 2009 , 192, 408-413	8.9	9
39	Improved SOFC performance with continuously graded anode functional layer. <i>Electrochemistry Communications</i> , 2009 , 11, 1120-1123	5.1	70
38	A microporous gel electrolyte based on poly(vinylidene fluoride-co-hexafluoropropylene)/fully cyanoethylated cellulose derivative blend for lithium-ion battery. <i>Electrochimica Acta</i> , 2009 , 54, 1888-1892	6.7	56
37	Electrochemical properties of A-site deficient SOFC cathodes under Cr poisoning conditions. <i>Electrochimica Acta</i> , 2009 , 54, 7305-7312	6.7	20
36	Polymer electrolytes based on poly(vinylidene fluoride-co-hexafluoropropylene) with crosslinked poly(ethylene glycol) for lithium batteries. <i>Solid State Ionics</i> , 2009 , 180, 693-697	3.3	21
35	Microstructure and electrochemical characterization of solid oxide fuel cells fabricated by co-tape casting. <i>Journal of Power Sources</i> , 2009 , 191, 528-533	8.9	38
34	Fabrication and performance of La _{0.8} Sr _{0.2} MnO ₃ /YSZ graded composite cathodes for SOFC. <i>Rare Metals</i> , 2008 , 27, 278-281	5.5	4
33	Effects of the nickel-coated ferritic stainless steel for solid oxide fuel cells interconnects. <i>Corrosion Science</i> , 2008 , 50, 1926-1931	6.8	22

32	Solid oxide fuel cell composite cathodes prepared by infiltration of copper manganese spinel into porous yttria stabilized zirconia. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4341		18
31	Preparation of YSZ thin films for intermediate temperature solid oxide fuel cells by dip-coating method. <i>Journal of Membrane Science</i> , 2008 , 320, 500-504	9.6	42
30	Evaluation of lanthanum ferrite coated interconnect for intermediate temperature solid oxide fuel cells. <i>Thin Solid Films</i> , 2008 , 516, 1857-1863	2.2	15
29	A study of process parameters of LSM and LSM/YSZ composite cathode films prepared by screen-printing. <i>Journal of Power Sources</i> , 2008 , 175, 288-295	8.9	68
28	Improved electrochemical performance of NiO/La _{0.45} Ce _{0.55} O ₂ -composite anodes for IT-SOFC through the introduction of a La _{0.45} Ce _{0.55} O ₂ interlayer. <i>Electrochimica Acta</i> , 2008 , 54, 862-867	6.7	13
27	Improved electrochemical performance of SrCo _{0.8} Fe _{0.2} O ₃ /La _{0.45} Ce _{0.55} O ₂ -composite cathodes for IT-SOFC. <i>Electrochemistry Communications</i> , 2007 , 9, 431-435	5.1	32
26	Electrochemical characteristics of LSCF/SDC composite cathode for intermediate temperature SOFC. <i>Electrochimica Acta</i> , 2007 , 52, 4589-4594	6.7	179
25	Ni/YSZ gradient anodes for anode-supported SOFCs. <i>Journal of Power Sources</i> , 2007 , 166, 337-342	8.9	76
24	Comparison of infiltrated ceramic fiber paper and mica base compressive seals for planar solid oxide fuel cells. <i>Journal of Power Sources</i> , 2007 , 168, 447-452	8.9	33
23	Characterization of electrical properties of GDC doped A-site deficient LSCF based composite cathode using impedance spectroscopy. <i>Journal of Power Sources</i> , 2007 , 168, 338-345	8.9	119
22	Preparation and characterization of Pr _{1-x} Sr _x FeO ₃ cathode material for intermediate temperature solid oxide fuel cells. <i>Journal of Power Sources</i> , 2007 , 172, 633-640	8.9	75
21	Sealing Glass of Barium-Calcium-Aluminosilicate System for Solid Oxide Fuel Cells. <i>Journal of Rare Earths</i> , 2007 , 25, 434-438	3.7	14
20	Ni/YSZ and Ni/CeO ₂ /YSZ anodes prepared by impregnation for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2007 , 169, 253-258	8.9	52
19	Electrochemical and microstructural characterization of cyclic redox behaviour of SOFC anodes. <i>Rare Metals</i> , 2006 , 25, 300-304	5.5	7
18	Study on Properties of LSGM Electrolyte Made by Tape Casting Method and Applications in SOFC. <i>Journal of Rare Earths</i> , 2006 , 24, 90-92	3.7	27
17	Preparation and Characterization of La _{0.8} Sr _{0.2} MnO _{3-δ} Cathode for SOFCs Fabricated Using Azeotropic Distillation Method. <i>Journal of Rare Earths</i> , 2006 , 24, 93-97	3.7	5
16	Novel compressive seals for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2006 , 161, 901-906	8.9	20
15	A Dual-Protective Artificial Interface for Stable Lithium Metal Anodes. <i>Advanced Energy Materials</i> , 2022 , 12, 2102242	4.8	6

14	Crystal Facet Engineering Induced Active Tin Dioxide Nanocatalysts for Highly Stable Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> ,2102995	21.8	11
13	Regulating Coordination Environment in Metal-Organic Frameworks for Adsorption and Redox Conversion of Polysulfides in Lithium-Sulfur Batteries1684-1694		3
12	Accelerating Sulfur Redox Reactions by Topological Insulator Bi ₂ Te ₃ for High-Performance Li-S Batteries. <i>Advanced Functional Materials</i> ,2109413	15.6	6
11	Interlayer-Expanded MoS ₂ containing structural water with enhanced Mg ²⁺ diffusion kinetics and durability. <i>ChemElectroChem</i> ,	4.3	0
10	A MoS ₂ and Graphene Alternately Stacking van der Waals Heterostructure for Li ⁺ /Mg ²⁺ Co-Intercalation. <i>Advanced Functional Materials</i> ,2103214	15.6	9
9	Constructing anion vacancy-rich MoSSe/G van der Waals heterostructures for high-performance Mg ²⁺ hybrid-ion batteries. <i>Journal of Materials Chemistry A</i> ,	13	1
8	Built-in electric field enhanced ionic transport kinetics in the T-Nb ₂ O ₅ @MoO ₂ heterostructure. <i>Journal of Materials Chemistry A</i> ,	13	0
7	Multifunctional SnSe ₂ composite modified 3D scaffolds to regulate lithium nucleation and fast transport for dendrite-free lithium metal anodes. <i>Journal of Materials Chemistry A</i> ,	13	3
6	Heterogeneous Mediator Enabling Three-Dimensional Growth of Lithium Sulfide for High-Performance Lithium-Sulfur Batteries. <i>Energy and Environmental Materials</i> ,	13	5
5	Stable and Dendrite-Free Lithium Metal Anodes Enabled by Ionic/Electronic Li ₂ S/Mo Interlayer. <i>Advanced Energy and Sustainability Research</i> ,2100051	1.6	
4	Facile "Lotus Blooming" Strategy to Synthesize a 3D Carbon Nanosheet/Carbon Nanotube Framework with Embedded Co Nanocrystals for High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Energy Materials</i> ,	6.1	1
3	Enhanced Electrochemical Kinetics on Ni ₂ P Polar Mediators Integrated with Graphene for Lithium-Sulfur Batteries. <i>Advanced Materials Interfaces</i> ,2102142	4.6	0
2	Stabilized Zn Anode Based on SO ₄ ²⁻ Trapping Ability and High Hydrogen Evolution Barrier. <i>Advanced Functional Materials</i> ,2203595	15.6	3
1	Mo-O-C Between MoS ₂ and Graphene Toward Accelerated Polysulfide Catalytic Conversion for Advanced Lithium-Sulfur Batteries. <i>Advanced Science</i> ,2201579	13.6	3