

Ping He

List of Publications by Year in descending order

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128
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330
all docs

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docs citations

330
times ranked

24547
citing authors

#	ARTICLE	IF	CITATIONS
1	Raising the cycling stability of aqueous lithium-ion batteries by eliminating oxygen in the electrolyte. Nature Chemistry, 2010, 2, 760-765.	14.3	833
2	Constructing a Superâ€Saturated Electrolyte Front Surface for Stable Rechargeable Aqueous Zinc Batteries. Angewandte Chemie - International Edition, 2020, 59, 9377-9381.	14.8	621
3	Nano active materials for lithium-ion batteries. Nanoscale, 2010, 2, 1294.	5.8	505
4	Coreâ€Shellâ€Structured CNT@RuO ₂ Composite as a Highâ€Performance Cathode Catalyst for Rechargeable Liâ€O ₂ Batteries. Angewandte Chemie - International Edition, 2014, 53, 442-446.	14.8	503
5	Layered lithium transition metal oxide cathodes towards high energy lithium-ion batteries. Journal of Materials Chemistry, 2012, 22, 3680.	6.7	415
6	Constructing a Superâ€Saturated Electrolyte Front Surface for Stable Rechargeable Aqueous Zinc Batteries. Angewandte Chemie, 2020, 132, 9463-9467.	2.1	413
7	Critical Challenges in Rechargeable Aprotic Liâ€O ₂ Batteries. Advanced Energy Materials, 2016, 6, 1502303.	22.2	378
8	Li-CO ₂ Electrochemistry: A New Strategy for CO ₂ Fixation and Energy Storage. Joule, 2017, 1, 359-370.	24.7	359
9	Olivine LiFePO ₄ : development and future. Energy and Environmental Science, 2011, 4, 805-817.	32.2	328
10	Preparation of mesocellular carbon foam and its application for lithium/oxygen battery. Electrochemistry Communications, 2009, 11, 1127-1130.	4.8	324
11	A reversible lithiumâ€CO ₂ battery with Ru nanoparticles as a cathode catalyst. Energy and Environmental Science, 2017, 10, 972-978.	32.2	315
12	Lithium Metal Extraction from Seawater. Joule, 2018, 2, 1648-1651.	24.7	294
13	Direct Visualization of the Reversible O ² /O [•] Redox Process in Liâ€Rich Cathode Materials. Advanced Materials, 2018, 30, e1705197.	24.3	283
14	Solid-State Electrolytes for Lithium-Ion Batteries: Fundamentals, Challenges and Perspectives. Electrochemical Energy Reviews, 2019, 2, 574-605.	26.6	278
15	A Metalâ€Organic Framework as a Multifunctional Ionic Sieve Membrane for Longâ€Life Aqueous Zincâ€Iodide Batteries. Advanced Materials, 2020, 32, e2004240.	24.3	276
16	Oral Delivery and Gastrointestinal Absorption of Soluble Glucans Stimulate Increased Resistance to Infectious Challenge. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 1079-1086.	2.4	273
17	High-energy â€compositeâ€™ layered manganese-rich cathode materials via controlling Li ₂ MnO ₃ phase activation for lithium-ion batteries. Physical Chemistry Chemical Physics, 2012, 14, 6584.	2.9	271
18	Rechargeable Solidâ€State Liâ€Air and Liâ€S Batteries: Materials, Construction, and Challenges. Advanced Energy Materials, 2018, 8, 1701602.	22.2	238

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19	Simultaneously Inhibiting Lithium Dendrites Growth and Polysulfides Shuttle by a Flexible MOF-Based Membrane in Li-S Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1802130.	22.2	238
20	A self-defense redox mediator for efficient lithium ²⁺ batteries. <i>Energy and Environmental Science</i> , 2016, 9, 1024-1030.	32.2	230
21	Li ²⁺ and Na ²⁺ Batteries: Toward Greener and Sustainable Electrical Energy Storage. <i>Advanced Materials</i> , 2020, 32, e1903790.	24.3	229
22	Germanium Thin Film Protected Lithium Aluminum Germanium Phosphate for Solid-State Li Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1702374.	22.2	228
23	Status and prospects of polymer electrolytes for solid-state Li ²⁺ (air) batteries. <i>Energy and Environmental Science</i> , 2017, 10, 860-884.	32.2	218
24	The water catalysis at oxygen cathodes of lithium-oxygen cells. <i>Nature Communications</i> , 2015, 6, 7843.	13.2	210
25	Reducing Water Activity by Zeolite Molecular Sieve Membrane for Long-Life Rechargeable Zinc Battery. <i>Advanced Materials</i> , 2021, 33, e2102415.	24.3	204
26	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. <i>European Physical Journal C</i> , 2013, 73, 2456.	4.0	203
27	Exploring the electrochemical reaction mechanism of carbonate oxidation in Li-air/CO ₂ battery through tracing missing oxygen. <i>Energy and Environmental Science</i> , 2016, 9, 1650-1654.	32.2	196
28	Activated carbon with ultrahigh specific surface area synthesized from natural plant material for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15889-15896.	10.5	195
29	Developing a "Water-Defendable" and "Dendrite-Free" Lithium-Metal Anode Using a Simple and Promising GeCl ₄ Pretreatment Method. <i>Advanced Materials</i> , 2018, 30, e1705711.	24.3	193
30	A Concentrated Ternary Salts Electrolyte for High Reversible Li Metal Battery with Slight Excess Li. <i>Advanced Energy Materials</i> , 2019, 9, 1803372.	22.2	182
31	A Liquid Electrolyte with De-Solvated Lithium Ions for Lithium-Metal Battery. <i>Joule</i> , 2020, 4, 1776-1789.	24.7	171
32	High-surface vanadium oxides with large capacities for lithium-ion batteries: from hydrated aerogel to nanocrystalline VO ₂ (B), V ₆ O ₁₃ and V ₂ O ₅ . <i>Journal of Materials Chemistry</i> , 2011, 21, 10999.	6.7	170
33	Superior Performance of a Li ²⁺ Battery with Metallic RuO ₂ Hollow Spheres as the Carbon-Free Cathode. <i>Advanced Energy Materials</i> , 2015, 5, 1500294.	22.2	143
34	A Dual-Ion Organic Symmetric Battery Constructed from Phenazine-Based Artificial Bipolar Molecules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9902-9906.	14.8	143
35	Li-Redox Flow Batteries Based on Hybrid Electrolytes: At the Cross Road between Li-Ion and Redox Flow Batteries. <i>Advanced Energy Materials</i> , 2012, 2, 770-779.	22.2	141
36	Transient, <i>in situ</i> synthesis of ultrafine ruthenium nanoparticles for a high-rate Li ²⁺ battery. <i>Energy and Environmental Science</i> , 2019, 12, 1100-1107.	32.2	141

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37	Mesoporous NiO with a single-crystalline structure utilized as a noble metal-free catalyst for non-aqueous Li ⁺ /O ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16177-16182.	10.5	137
38	Beyond the concentrated electrolyte: further depleting solvent molecules within a Li ⁺ solvation sheath to stabilize high-energy-density lithium metal batteries. <i>Energy and Environmental Science</i> , 2020, 13, 4122-4131.	32.2	137
39	From O ₂ to HO ₂ : Reducing By-products and Overpotential in Li ⁺ /O ₂ Batteries by Water Addition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4960-4964.	14.8	136
40	Li ₂ CO ₃ -free Li ⁺ /CO ₂ battery with peroxide discharge product. <i>Energy and Environmental Science</i> , 2018, 11, 1211-1217.	32.2	126
41	Manganese-Based Na-Rich Materials Boost Anionic Redox in High-Performance Layered Cathodes for Sodium-Ion Batteries. <i>Advanced Materials</i> , 2019, 31, e1807770.	24.3	125
42	Materials for advanced Li-O ₂ batteries: Explorations, challenges and prospects. <i>Materials Today</i> , 2019, 26, 87-99.	18.1	125
43	A comprehensive survey on the reliability of mobile wireless sensor networks: Taxonomy, challenges, and future directions. <i>Information Fusion</i> , 2018, 44, 188-204.	19.9	122
44	A Polyaniline-Intercalated Layered Manganese Oxide Nanocomposite Prepared by an Inorganic/Organic Interface Reaction and Its High Electrochemical Performance for Li Storage. <i>Advanced Materials</i> , 2008, 20, 2166-2170.	24.3	120
45	Investigation on capacity fading of LiFePO ₄ in aqueous electrolyte. <i>Electrochimica Acta</i> , 2011, 56, 2351-2357.	5.4	120
46	Developing a Polysulfide-Phobic Strategy to Restrain Shuttle Effect in Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11774-11778.	14.8	119
47	Highly Connected Silicon-Copper Alloy Mixture Nanotubes as High-Rate and Durable Anode Materials for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2016, 26, 524-531.	16.5	116
48	An oxygen cathode with stable full discharge-charge capability based on 2D conducting oxide. <i>Energy and Environmental Science</i> , 2015, 8, 1992-1997.	32.2	115
49	High-Loading Nano-SnO ₂ Encapsulated in situ in Three-Dimensional Rigid Porous Carbon for Superior Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2016, 22, 4915-4923.	3.9	110
50	The effect of oxygen vacancies on the structure and electrochemistry of LiTi ₂ (PO ₄) ₃ for lithium-ion batteries: A combined experimental and theoretical study. <i>Journal of Power Sources</i> , 2009, 194, 1075-1080.	8.0	109
51	A Li-air fuel cell with recycle aqueous electrolyte for improved stability. <i>Electrochemistry Communications</i> , 2010, 12, 1686-1689.	4.8	109
52	Stabilization of polysulfides via lithium bonds for Li-S batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5406-5409.	10.5	108
53	Single-crystal H ₂ V ₃ O ₈ nanowires: a competitive anode with large capacity for aqueous lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 1780-1787.	6.7	105
54	Progress in research on Li-CO ₂ batteries: Mechanism, catalyst and performance. <i>Chinese Journal of Catalysis</i> , 2016, 37, 1016-1024.	14.6	105

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55	Admission hyperglycemia and radiological findings of SARS-CoV2 in patients with and without diabetes. <i>Diabetes Research and Clinical Practice</i> , 2020, 164, 108185.	2.8	101
56	Lithium-Air Batteries with Hybrid Electrolytes. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1267-1280.	4.9	100
57	Fabrication and Performance of All-Solid-State Li-Air Battery with SWCNTs/LAGP Cathode. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17307-17310.	8.3	97
58	Robust adaptive synchronization of uncertain complex networks with multiple time-varying coupled delays. <i>Complexity</i> , 2015, 20, 62-73.	1.7	96
59	Tailoring the Solvation Sheath of Cations by Constructing Electrode Front-Faces for Rechargeable Batteries. <i>Advanced Materials</i> , 2022, 34, e2201339.	24.3	96
60	The Development of a New Type of Rechargeable Batteries Based on Hybrid Electrolytes. <i>ChemSusChem</i> , 2010, 3, 1009-1019.	7.5	90
61	A lithium-air capacitor-battery based on a hybrid electrolyte. <i>Energy and Environmental Science</i> , 2011, 4, 4994.	32.2	89
62	Robust decentralized adaptive synchronization of general complex networks with coupling delayed and uncertainties. <i>Complexity</i> , 2014, 19, 10-26.	1.7	86
63	Research progresses on materials and electrode design towards key challenges of Li-air batteries. <i>Energy Storage Materials</i> , 2018, 13, 29-48.	18.4	86
64	Lithium-Ion Intercalation Behavior of LiFePO ₄ in Aqueous and Nonaqueous Electrolyte Solutions. <i>Journal of the Electrochemical Society</i> , 2008, 155, A144.	2.9	85
65	Advances in Lithium-Containing Anodes of Aprotic Li-O ₂ Batteries: Challenges and Strategies for Improvements. <i>Small Methods</i> , 2017, 1, 1700135.	9.6	81
66	Cation-mixing stabilized layered oxide cathodes for sodium-ion batteries. <i>Science Bulletin</i> , 2018, 63, 376-384.	11.1	81
67	Hierarchical Porous Nickel Cobaltate Nanoneedle Arrays as Flexible Carbon-Protected Cathodes for High-Performance Lithium-Oxygen Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8427-8435.	8.3	80
68	A highly proton-conductive and vanadium-rejected long-side-chain sulfonated polybenzimidazole membrane for redox flow battery. <i>Journal of Membrane Science</i> , 2020, 596, 117616.	8.3	80
69	A stable high-voltage lithium-ion battery realized by an in-built water scavenger. <i>Energy and Environmental Science</i> , 2020, 13, 1197-1204.	32.2	79
70	Ultra-fine surface solid-state electrolytes for long cycle life all-solid-state lithium-air batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21248-21254.	10.5	78
71	Improvement of electrochemical properties of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ by coating with V ₂ O ₅ layer. <i>Journal of Alloys and Compounds</i> , 2013, 552, 76-82.	5.7	74
72	Titanium nitride catalyst cathode in a Li-air fuel cell with an acidic aqueous solution. <i>Chemical Communications</i> , 2011, 47, 10701.	4.2	73

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73	Boosting the Cycle Life of LiO_2 Batteries at Elevated Temperature by Employing a Hybrid Polymer-Ceramic Solid Electrolyte. ACS Energy Letters, 2017, 2, 1378-1384.	18.4	73
74	Restraining Oxygen Release and Suppressing Structure Distortion in Single-Crystal Li-Rich Layered Cathode Materials. Advanced Functional Materials, 2022, 32, 2110295.	16.5	73
75	Highly Dispersed Ni Catalyst on Metal-Organic Framework-Derived Porous Hydrous Zirconia for CO_2 Methanation. ACS Applied Materials & Interfaces, 2020, 12, 17436-17442.	8.3	70
76	Binder-free carbonized bacterial cellulose-supported ruthenium nanoparticles for LiO_2 batteries. Chemical Communications, 2015, 51, 7302-7304.	4.2	69
77	Intensive Study on the Catalytical Behavior of <i>N</i> -Methylphenothiazine as a Soluble Mediator to Oxidize the Li_2O_2 Cathode of the LiO_2 Battery. ACS Applied Materials & Interfaces, 2017, 9, 3733-3739.	8.3	67
78	Ruthenium oxide coated ordered mesoporous carbon nanofiber arrays: a highly bifunctional oxygen electrocatalyst for rechargeable Zn-air batteries. Journal of Materials Chemistry A, 2016, 4, 6282-6289.	10.5	66
79	Study on structure, mechanical property and cell cytocompatibility of electrospun collagen nanofibers crosslinked by common agents. International Journal of Biological Macromolecules, 2018, 113, 476-486.	7.7	66
80	The effect of alkalinity and temperature on the performance of lithium-air fuel cell with hybrid electrolytes. Journal of Power Sources, 2011, 196, 5611-5616.	8.0	63
81	Building a Beyond Concentrated Electrolyte for High-Voltage Anode-Free Rechargeable Sodium Batteries. Angewandte Chemie - International Edition, 2022, 61, .	14.8	63
82	A Versatile Halide Ester Enabling Anode Stability and a High Rate Capability in Lithium-Oxygen Batteries. Angewandte Chemie - International Edition, 2019, 58, 2355-2359.	14.8	62
83	Designing Cation-Solvent Fully Coordinated Electrolyte for High-Energy-Density Lithium-Sulfur Full Cell Based On Solid Conversion. Angewandte Chemie - International Edition, 2021, 60, 17726-17734.	14.8	62
84	A phase-transition-free cathode for sodium-ion batteries with ultralong cycle life. Nano Energy, 2018, 52, 88-94.	16.5	60
85	Realizing the compatibility of a Li metal anode in an all-solid-state Li_2S battery by chemical iodine-vapor deposition. Energy and Environmental Science, 2022, 15, 3236-3245.	32.2	59
86	Phytochemical analysis and enzyme analysis of endophytic fungi from Centella asiatica. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1280-S1284.	1.3	58
87	Finite-time mixed outer synchronization of complex networks with coupling time-varying delay. Chaos, 2012, 22, 043151.	2.6	57
88	Organic hydrogen peroxide-driven low charge potentials for high-performance lithium-oxygen batteries with carbon cathodes. Nature Communications, 2017, 8, 15607.	13.2	56
89	Nano- and micro-sized TiN as the electrocatalysts for ORR in Li-air fuel cell with alkaline aqueous electrolyte. Journal of Materials Chemistry, 2012, 22, 15549.	6.7	55
90	Ion-Exchange: A Promising Strategy to Design Li-Rich and Li-Excess Layered Cathode Materials for Li-Ion Batteries. Advanced Energy Materials, 2022, 12, 2003972.	22.2	55

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91	A current collector covering nanostructured villous oxygen-deficient NiO fabricated by rapid laser-scan for Li-O ₂ batteries. Nano Energy, 2018, 51, 83-90.	16.5	54
92	Solar-driven efficient Li ₂ O ₂ oxidation in solid-state Li-ion O ₂ batteries. Energy Storage Materials, 2018, 11, 170-175.	18.4	53
93	Solar-driven all-solid-state lithium-air batteries operating at extreme low temperatures. Energy and Environmental Science, 2020, 13, 1205-1211.	32.2	53
94	Sustainable Lithium-Metal Battery Achieved by a Safe Electrolyte Based on Recyclable and Low-Cost Molecular Sieve. Angewandte Chemie - International Edition, 2021, 60, 15572-15581.	14.8	53
95	Oxygen-Deficient Ferric Oxide as an Electrochemical Cathode Catalyst for High-Energy Lithium-Sulfur Batteries. Small, 2020, 16, e2000870.	11.2	52
96	Three-Dimensional Honeycomb-Structural LiAlO ₂ -Modified LiMnPO ₄ Composite with Superior High Rate Capability as Li-Ion Battery Cathodes. ACS Applied Materials & Interfaces, 2018, 10, 10786-10795.	8.3	50
97	Core-Shell-Structured CNT@RuO ₂ Composite as a High-Performance Cathode Catalyst for Rechargeable Li-O ₂ Batteries. Angewandte Chemie, 2014, 126, 452-456.	2.1	49
98	Ordered mesoporous Ti-C composites as cathode materials for Li-O ₂ batteries. Chemical Communications, 2016, 52, 2713-2716.	4.2	49
99	Research Progress for the Development of Li-Air Batteries: Addressing Parasitic Reactions Arising from Air Composition. Energy and Environmental Materials, 2018, 1, 61-74.	13.2	49
100	Achieving long cycle life for all-solid-state rechargeable Li-I ₂ battery by a confined dissolution strategy. Nature Communications, 2022, 13, 125.	13.2	49
101	A High-Crystalline NaV _{1.25} Ti _{0.75} O ₄ Anode for Wide-Temperature Sodium-Ion Battery. Advanced Energy Materials, 2018, 8, 1801162.	22.2	47
102	A novel LiTi ₂ (PO ₄) ₃ /MnO ₂ hybrid supercapacitor in lithium sulfate aqueous electrolyte. Electrochimica Acta, 2008, 53, 8128-8133.	5.4	46
103	Manifesting construction activity scenes via image captioning. Automation in Construction, 2020, 119, 103334.	10.0	46
104	Reversible Lithium-Ion Uptake in Poly(methylmethacrylate) Thin-Film via Lithiation/Delithiation at In Situ Formed Intramolecular Cyclopentanedione. Advanced Energy Materials, 2016, 6, 1601375.	22.2	45
105	An ultra-stable and enhanced reversibility lithium metal anode with a sufficient O ₂ design for Li-O ₂ battery. Energy Storage Materials, 2018, 12, 176-182.	18.4	45
106	Capturing Reversible Cation Migration in Layered Structure Materials for Na-Ion Batteries. Advanced Energy Materials, 2019, 9, 1900189.	22.2	45
107	A bottom-up synthetic hierarchical buffer structure of copper silicon nanowire hybrids as ultra-stable and high-rate lithium-ion battery anodes. Journal of Materials Chemistry A, 2018, 6, 7877-7886.	10.5	44
108	The effect of a biscuit with red palm oil as a source of β -carotene on the vitamin A status of primary school children: a comparison with β -carotene from a synthetic source in a randomised controlled trial. European Journal of Clinical Nutrition, 2001, 55, 657-662.	2.9	43

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109	Alcohol consumption and all-cause mortality in older adults in Spain: an analysis accounting for the main methodological issues. <i>Addiction</i> , 2019, 114, 59-68.	4.8	41
110	Carbon-Free O ₂ Cathode with Three-Dimensional Ultralight Nickel Foam-Supported Ruthenium Electrocatalysts for Li-O ₂ Batteries. <i>ChemSusChem</i> , 2017, 10, 2714-2719.	7.5	40
111	Electrolyte Sieving Chemistry in Suppressing Gas Evolution of Sodium-Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	40
112	Direct synthesis of mesoporous carbon nanowires in nanotubes using MnO ₂ nanotubes as a template and their application in supercapacitors. <i>Chemical Communications</i> , 2009, , 6813.	4.2	39
113	Risk Stratification of Febrile Infants >60 Days Old Without Routine Lumbar Puncture. <i>Pediatrics</i> , 2018, 142, .	2.2	39
114	Noise tolerance leader-following of high-order nonlinear dynamical multi-agent systems with switching topology and communication delay. <i>Journal of the Franklin Institute</i> , 2016, 353, 108-143.	3.7	38
115	Revealing the Critical Role of Titanium in Layered Manganese-Based Oxides toward Advanced Sodium-Ion Batteries via a Combined Experimental and Theoretical Study. <i>Small Methods</i> , 2019, 3, 1800183.	9.6	38
116	Electrochemical kinetics study of Li-ion in Cu ₆ Sn ₅ electrode of lithium batteries by PITT and EIS. <i>Journal of Electroanalytical Chemistry</i> , 2008, 624, 161-166.	3.9	37
117	Facile synthesis of carbon-LiMnPO ₄ nanorods with hierarchical architecture as a cathode for high-performance Li-ion batteries. <i>Electrochimica Acta</i> , 2018, 289, 415-421.	5.4	37
118	Advances and Challenges for Aprotic Lithium-Oxygen Batteries using Redox Mediators. <i>Batteries and Supercaps</i> , 2019, 2, 803-819.	5.0	37
119	A Safe Organic Oxygen Battery Built with Li-Based Liquid Anode and MOFs Separator. <i>Advanced Energy Materials</i> , 2020, 10, 1903953.	22.2	37
120	Dilution of the Electron Density in the π -Conjugated Skeleton of Organic Cathode Materials Improves the Discharge Voltage. <i>ChemSusChem</i> , 2020, 13, 2264-2270.	7.5	37
121	Highly safe and stable lithium-metal batteries based on a quasi-solid-state electrolyte. <i>Journal of Materials Chemistry A</i> , 2022, 10, 651-663.	10.5	37
122	Superhydrophobic cellulose nanofibril/silica fiber/Fe ₃ O ₄ nanocomposite aerogel for magnetically driven selective oil absorption. <i>Cellulose</i> , 2020, 27, 8909-8922.	5.1	36
123	Oxygen vacancy promising highly reversible phase transition in layered cathodes for sodium-ion batteries. <i>Nano Research</i> , 2021, 14, 4100-4106.	10.6	36
124	Ice-cloud particle habit classification using principal components. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	35
125	Killing two birds with one stone: a Cu ion redox mediator for a non-aqueous Li-O ₂ battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17261-17265.	10.5	35
126	A low-charge-overpotential lithium-CO ₂ cell based on a binary molten salt electrolyte. <i>Energy and Environmental Science</i> , 2021, 14, 4107-4114.	32.2	34

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127	SRD5A2 gene mutations and polymorphisms in Spanish 46,XY patients with a disorder of sex differentiation. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, e526-e535.	3.4	33
128	A Dual-Ion Organic Symmetric Battery Constructed from Phenazine-Based Artificial Bipolar Molecules. <i>Angewandte Chemie</i> , 2019, 131, 10007-10011.	2.1	33
129	NaCl-Template Assisted Synthesis of 3D Honeycomb-Like LiMnPO ₄ /C with High Rate and Stable Performance as Lithium-Ion Battery Cathodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16683-16691.	6.9	32
130	Hybrid polymer electrolyte for Li-O ₂ batteries. <i>Green Energy and Environment</i> , 2019, 4, 3-19.	9.2	32
131	From O ₂ ^{•-} to HO ₂ [•] : Reducing By-Products and Overpotential in Li-O ₂ Batteries by Water Addition. <i>Angewandte Chemie</i> , 2017, 129, 5042-5046.	2.1	31
132	In situ X-ray diffraction and thermal analysis of LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ synthesized via co-precipitation method. <i>Journal of Energy Chemistry</i> , 2018, 27, 1655-1660.	13.4	31
133	Selinexor in combination with decitabine in patients with acute myeloid leukemia: results from a phase 1 study. <i>Leukemia and Lymphoma</i> , 2020, 61, 387-396.	1.4	31
134	An Appraisal of Lung Nodules Automatic Classification Algorithms for CT Images. <i>Sensors</i> , 2019, 19, 194.	4.0	30
135	A rechargeable all-solid-state Li-CO ₂ battery using a Li _{1.5} Al _{0.5} Ge _{1.5} (PO ₄) ₃ ceramic electrolyte and nanoscale RuO ₂ catalyst. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9581-9585.	10.5	30
136	Synthesis of hierarchical and bridging carbon-coated LiMn _{0.9} Fe _{0.1} PO ₄ nanostructure as cathode material with improved performance for lithium ion battery. <i>Journal of Power Sources</i> , 2017, 359, 408-414.	8.0	30
137	A Li-ion oxygen battery with Li-Si alloy anode prepared by a mechanical method. <i>Electrochemistry Communications</i> , 2017, 78, 11-15.	4.8	29
138	Exploring a high capacity O ₃ -type cathode for sodium-ion batteries and its structural evolution during an electrochemical process. <i>Chemical Communications</i> , 2018, 54, 12167-12170.	4.2	29
139	Effects of <i>Helicobacter pylori</i> on histamine and carbachol stimulated acid secretion by human parietal cells. <i>Gut</i> , 1994, 35, 755-757.	13.7	28
140	Proinflammatory Effect of Endothelial Microparticles Is Mitochondria Mediated and Modulated Through MAPKAPK2 (MAPK-Activated Protein Kinase 2) Leading to Attenuation of Cardiac Hypertrophy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1100-1112.	4.7	28
141	An image matching optimization algorithm based on pixel shift clustering RANSAC. <i>Information Sciences</i> , 2021, 562, 452-474.	7.2	28
142	MnCo ₂ O ₄ decorated Magn@li phase titanium oxide as a carbon-free cathode for Li-O ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19991-19996.	10.5	27
143	Improving the structural and cyclic stabilities of P2-type Na _{0.67} MnO ₂ cathode material <i>via</i> Cu and Ti co-substitution for sodium ion batteries. <i>Chemical Communications</i> , 2020, 56, 6293-6296.	4.2	27
144	Stable Voltage Cutoff Cycle Cathode with Tunable and Ordered Porous Structure for Li-O ₂ Batteries. <i>Small</i> , 2018, 14, e1803607.	11.2	26

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