

# Opportunities and Challenges for Organic Electrodes in

Chemical Reviews

120, 6490-6557

DOI: [10.1021/acs.chemrev.9b00482](https://doi.org/10.1021/acs.chemrev.9b00482)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Design strategies for organic carbonyl materials for energy storage: Small molecules, oligomers, polymers and supramolecular structures. <i>EcoMat</i> , 2020, 2, e12055.	6.8	24
2	Recent advances in developing organic electrode materials for multivalent rechargeable batteries. <i>Energy and Environmental Science</i> , 2020, 13, 3950-3992.	15.6	148
3	Design Strategies for High-Performance Aqueous Zn/Organic Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21293-21303.	7.2	253
4	Modelling of redox flow battery electrode processes at a range of length scales: a review. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5433-5468.	2.5	29
5	Through-Space Charge Modulation Overriding Substituent Effect: Rise of the Redox Potential at 3.35 V in a Lithium-Phenolate Stereoelectronic Isomer. <i>Chemistry of Materials</i> , 2020, 32, 9996-10006.	3.2	39
6	Xanthogen Polysulfides as a New Class of Electrode Material for Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2001658.	10.2	36
7	Design Strategies for High-Performance Aqueous Zn/Organic Batteries. <i>Angewandte Chemie</i> , 2020, 132, 21477-21487.	1.6	29
8	A Versatile Capacity Balancer for Asymmetric Supercapacitors. <i>Advanced Energy Materials</i> , 2020, 10, 2001608.	10.2	18
9	A stable organic dye catholyte for long-life aqueous flow batteries. <i>Chemical Communications</i> , 2020, 56, 13824-13827.	2.2	14
10	Designing High Performance Organic Batteries. <i>Accounts of Chemical Research</i> , 2020, 53, 2636-2647.	7.6	156
11	Multi-electron redox asymmetric supercapacitors based on quinone-coupled viologen derivatives and Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene. <i>Materials Today Energy</i> , 2020, 18, 100532.	2.5	27
12	Electrochemically Active In Situ Crystalline Lithium-Organic Thin Films by ALD/MLD. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 41557-41566.	4.0	21
13	100th Anniversary of Macromolecular Science Viewpoint: Soft Materials for Microbial Bioelectronics. <i>ACS Macro Letters</i> , 2020, 9, 1590-1603.	2.3	14
14	Emerging organic potassium-ion batteries: electrodes and electrolytes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15547-15574.	5.2	69
15	Investigation on the Carbonyl Redox of Polyimide Based on Bridged Dianhydride as Electrode in Lithium-Ion Battery. <i>Journal of the Electrochemical Society</i> , 2020, 167, 110525.	1.3	1
16	Organic-based active electrode materials for potassium batteries: status and perspectives. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17296-17325.	5.2	32
17	Progress of Organic Electrodes in Aqueous Electrolyte for Energy Storage and Conversion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18322-18333.	7.2	86
18	Progress of Organic Electrodes in Aqueous Electrolyte for Energy Storage and Conversion. <i>Angewandte Chemie</i> , 2020, 132, 18478-18489.	1.6	36

#	ARTICLE	IF	CITATIONS
19	Playing with the p-Doping Mechanism to Lower the Carbon Loading in n-Type Insertion Organic Electrodes: First Feasibility Study with Binder-Free Composite Electrodes. <i>Journal of the Electrochemical Society</i> , 2020, 167, 070540.	1.3	7
20	A perspective on organic electrode materials and technologies for next generation batteries. <i>Journal of Power Sources</i> , 2021, 482, 228814.	4.0	140
21	Triazole-enabled small TEMPO cathodes for lithium-organic batteries. <i>Energy Storage Materials</i> , 2021, 35, 122-129.	9.5	17
22	In-situ/operando characterization techniques in lithium-ion batteries and beyond. <i>Journal of Energy Chemistry</i> , 2021, 59, 191-211.	7.1	64
23	Research Progress of High-Performance Organic Material Pyrene-4,5,9,10-tetraone in Secondary Batteries. <i>ChemElectroChem</i> , 2021, 8, 352-359.	1.7	25
24	Hydrogen bond chemistry in Fe <sub>4</sub> [Fe(CN) <sub>6</sub> ] <sub>3</sub> host for aqueous NH <sub>4</sub> <sup>+</sup> batteries. <i>Chemical Engineering Journal</i> , 2021, 421, 127759.	6.6	57
25	A strategy for designing low-cost, environment-friendly, high energy and power density sodium-ion full cells: Effect of extrinsic pseudocapacitance. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157238.	2.8	13
26	Organic Electrode Materials for Non-aqueous K-Ion Batteries. <i>Transactions of Tianjin University</i> , 2021, 27, 1-23.	3.3	19
27	Sustainable materials for off-grid battery applications: advances, challenges and prospects. <i>Sustainable Energy and Fuels</i> , 2021, 5, 310-331.	2.5	14
28	Conjugated sulfonamides as a class of organic lithium-ion positive electrodes. <i>Nature Materials</i> , 2021, 20, 665-673.	13.3	110
29	High-Energy All-Solid-State Organic-Lithium Batteries Based on Ceramic Electrolytes. <i>ACS Energy Letters</i> , 2021, 6, 201-207.	8.8	37
30	Carbon materials for ion-intercalation involved rechargeable battery technologies. <i>Chemical Society Reviews</i> , 2021, 50, 2388-2443.	18.7	255
31	Nitroaromatics as High-Energy Organic Cathode Materials for Rechargeable Alkali-Ion (Li <sup>+</sup> , Na <sup>+</sup> , K <sup>+</sup> ) Batteries. <i>Journal of Energy Chemistry</i> , 2021, 59, 191-211.	10.2	64
32	High-performance all-organic aqueous batteries based on a poly(imide) anode and poly(catechol) cathode. <i>Journal of Materials Chemistry A</i> , 2021, 9, 505-514.	5.2	35
33	Characterization methods of organic electrode materials. <i>Journal of Energy Chemistry</i> , 2021, 57, 291-303.	7.1	15
34	Organic Cathode Materials for Lithium-Ion Batteries: Past, Present, and Future. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2000044.	2.8	61
35	Ion/Molecule-selective transport nanochannels of membranes for redox flow batteries. <i>Energy Storage Materials</i> , 2021, 34, 648-668.	9.5	37
36	Emerging trends in anion storage materials for the capacitive and hybrid energy storage and beyond. <i>Chemical Society Reviews</i> , 2021, 50, 6734-6789.	18.7	93

#	ARTICLE	IF	CITATIONS
37	Unravelling kinetic and mass transport effects on two-electron storage in radical polymer batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13071-13079.	5.2	21
38	Redox of naphthalenediimide radicals in a 3D polyimide for stable Li-ion batteries. <i>Chemical Communications</i> , 2021, 57, 7810-7813.	2.2	26
39	Current Research Trends and Perspectives on Solid-State Nanomaterials in Hydrogen Storage. <i>Research</i> , 2021, 2021, 3750689.	2.8	45
40	Organic electrode materials for non-aqueous, aqueous, and all-solid-state Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 19083-19115.	5.2	33
41	Revealing practical specific capacity and carbonyl utilization of multi-carbonyl compounds for organic cathode materials. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13159-13169.	1.3	7
42	Advances in electrochemical energy storage with covalent organic frameworks. <i>Materials Advances</i> , 0, , .	2.6	26
43	Insight into Chemical Reduction and Charge Storage Mechanism of 2,2'-Dipyridyl Disulfide toward Stable Lithium Organic Battery. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 900-906.	2.1	12
44	A poorly soluble organic electrode material for high energy density lithium primary batteries based on a multi-electron reduction. <i>Chemical Communications</i> , 2021, 57, 10791-10794.	2.2	13
45	Ionic Charge Storage in Diketopyrrolopyrrole-Based Redox-Active Conjugated Polymers. <i>Journal of Physical Chemistry C</i> , 2021, 125, 4449-4457.	1.5	16
46	Redox Potential Tuning of s-Tetrazine by Substitution of Electron-Withdrawing/Donating Groups for Organic Electrode Materials. <i>Molecules</i> , 2021, 26, 894.	1.7	11
47	Organic Multiple Redox Semi-Solid-Liquid Suspension for Li-Based Hybrid Flow Battery. <i>ChemSusChem</i> , 2021, 14, 1913-1920.	3.6	8
48	Insights into the Solubility of Poly(vinylphenothiazine) in Carbonate-Based Battery Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 12442-12453.	4.0	23
49	Dibenzo[ <i>a</i> ][ <i>e</i> ]Cyclooctatetraene-Functionalized Polymers as Potential Battery Electrode Materials. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000725.	2.0	9
50	General Design Methodology for Organic Eutectic Electrolytes toward High-Energy-Density Redox Flow Batteries. <i>Advanced Materials</i> , 2021, 33, e2008560.	11.1	25
51	<i>m</i> -Phenylenediamine as a Building Block for Polyimide Battery Cathode Materials. <i>ACS Applied Energy Materials</i> , 2021, 4, 4465-4472.	2.5	21
52	Structural Engineering of Covalent Organic Frameworks for Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003054.	10.2	61
53	Synthesis and Application of Naphthalene Diimide as an Organic Molecular Electrode for Asymmetric Supercapacitors with High Energy Storage. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002161.	1.9	25
54	Environmentally Friendly Lithium-Terephthalate/Polylactic Acid Composite Filament Formulation for Lithium-Ion Battery 3D-Printing via Fused Deposition Modeling. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 037004.	0.9	16

#	ARTICLE	IF	CITATIONS
55	3D Hierarchical Carbon-Rich Micro-/Nanomaterials for Energy Storage and Catalysis. <i>Electrochemical Energy Reviews</i> , 2021, 4, 269-335.	13.1	108
56	Bio Based Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003713.	10.2	19
57	Facilely Tunable Redox Behaviors in Donor-Node-Acceptor Polymers toward High-Performance Ambipolar Electrode Materials. <i>Macromolecules</i> , 2021, 54, 3469-3477.	2.2	16
58	Molecular Regulation on Carbonyl-Based Organic Cathodes: Toward High-Rate and Long-Lifespan Potassium-Organic Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 16396-16406.	4.0	26
59	Cooperative Conformational Change of a Single Organic Molecule for Ultrafast Rechargeable Batteries. <i>ACS Energy Letters</i> , 2021, 6, 1659-1669.	8.8	15
60	High-Energy-Density Quinone-Based Electrodes with $[Al(OTf)]^{2+}$ Storage Mechanism for Rechargeable Aqueous Aluminum Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2102063.	7.8	61
61	Rocking-Chair Proton Batteries with Conducting Redox Polymer Active Materials and Protic Ionic Liquid Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19099-19108.	4.0	27
62	Battery Materials Design Essentials. <i>Accounts of Materials Research</i> , 2021, 2, 319-326.	5.9	24
63	Towards practical organic batteries. <i>Nature Materials</i> , 2021, 20, 581-583.	13.3	7
64	Review on Multivalent Rechargeable Metal-Organic Batteries. <i>Energy &amp; Fuels</i> , 2021, 35, 7624-7636.	2.5	28
65	Covalent Assembly of Two-Dimensional COF-on-MXene Heterostructures Enables Fast Charging Lithium Hosts. <i>Advanced Functional Materials</i> , 2021, 31, 2101194.	7.8	83
66	Enhancing the understanding of the redox properties of lithium-inserted anthraquinone derivatives by regulating molecular structure. <i>Journal of Electroanalytical Chemistry</i> , 2021, 887, 115172.	1.9	6
67	Toward Biosourced Materials for Electrochemical Energy Storage: The Case of Tannins. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6079-6086.	3.2	7
68	Amine-Functionalized Carbon Cloth Host for Dendrite-Free Zn Metal Anodes. <i>ACS Applied Energy Materials</i> , 2021, 4, 4482-4488.	2.5	22
69	Tailored Hierarchical Porous Carbon through Template Modification for Antifreezing Quasi-Solid-State Zinc Ion Hybrid Supercapacitors. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2000112.	2.8	9
70	Supramolecular Self-Assembled Multi-Electron-Acceptor Organic Molecule as High-Performance Cathode Material for Li-Ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2100330.	10.2	48
71	An Ultralow Temperature Aqueous Battery with Proton Chemistry. <i>Angewandte Chemie</i> , 2021, 133, 14001-14005.	1.6	20
72	An Ultralow Temperature Aqueous Battery with Proton Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13882-13886.	7.2	128

#	ARTICLE	IF	CITATIONS
73	Dual Electroactivity in a Covalent Organic Network with Mechanically Interlocked Pillar[5]arenes. Chemistry - A European Journal, 2021, 27, 9589-9596.	1.7	7
74	An Ultrahigh Performance Zinc-Organic Battery using Poly(catechol) Cathode in Zn(TFSI) <sub>2</sub> -Based Concentrated Aqueous Electrolytes. Advanced Energy Materials, 2021, 11, 2100939.	10.2	93
75	Mixed electron-ion-water transfer in macromolecular radicals for metal-free aqueous batteries. Cell Reports Physical Science, 2021, 2, 100414.	2.8	20
76	Macromolecular Engineering of Poly(catechol) Cathodes towards High-Performance Aqueous Zinc-Polymer Batteries. Polymers, 2021, 13, 1673.	2.0	11
77	Electrochemical Assessment of Indigo Carmine Dye in Lithium Metal Polymer Technology. Molecules, 2021, 26, 3079.	1.7	11
78	A review of halide charge carriers for rocking-chair and dual-ion batteries. , 2021, 3, 627-653.		24
79	Unlocking the Failure Mechanism of Solid State Lithium Metal Batteries. Advanced Energy Materials, 2022, 12, 2100748.	10.2	129
80	Multi-Redox Active Carbons and Hydrocarbons: Control of their Redox Properties and Potential Applications. Chemical Record, 2021, 21, 2411-2429.	2.9	11
81	Experimental and Computational Study of Lithium Salt-/Plastic Crystal-Assisted Ionogels. Arabian Journal for Science and Engineering, 2022, 47, 935-947.	1.7	3
82	In-situ electropolymerized bipolar organic cathode for stable and high-rate lithium-ion batteries. Science China Materials, 2021, 64, 2938-2948.	3.5	23
83	Influences of Cations <sup>TM</sup> Solvation on Charge Storage Performance in Polyimide Anodes for Aqueous Multivalent Ion Batteries. ACS Energy Letters, 2021, 6, 2638-2644.	8.8	22
84	Prevailing conjugated porous polymers for electrochemical energy storage and conversion: Lithium-ion batteries, supercapacitors and water-splitting. Coordination Chemistry Reviews, 2021, 436, 213782.	9.5	52
85	A Copper-Based Polycarbonyl Coordination Polymer as a Cathode for Li Ion Batteries. Crystal Growth and Design, 2021, 21, 3668-3676.	1.4	14
86	Facile Synthesis of Polyphenothiazine as a High-Performance p-Type Cathode for Rechargeable Lithium Batteries. ChemSusChem, 2021, 14, 3174-3181.	3.6	21
87	2021 roadmap for sodium-ion batteries. JPhys Energy, 2021, 3, 031503.	2.3	125
88	A novel conjugated heterotriangulene polymer for high performance organic lithium-ion battery. Dyes and Pigments, 2021, 191, 109352.	2.0	1
89	High-Rate Activation of Organic Superlithiation Anodes. ACS Applied Energy Materials, 2021, 4, 6659-6666.	2.5	13
90	An Electrically Conducting Li-Ion Metal-Organic Framework. Journal of the American Chemical Society, 2021, 143, 11641-11650.	6.6	50

#	ARTICLE	IF	CITATIONS
91	A Facile Strategy for Synthesizing Organic Tannic Metal Salts as Advanced Energy Storage Anodes. <i>ChemElectroChem</i> , 2021, 8, 2686-2692.	1.7	6
92	Microstructure engineering of solid-state composite cathode via solvent-assisted processing. <i>Joule</i> , 2021, 5, 1845-1859.	11.7	42
93	Bridging the Gap between Small Molecular $\pi$ -Interactions and Their Effect on Phenothiazine-Based Redox Polymers in Organic Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 7622-7631.	2.5	9
94	Organic Negative Electrode Materials for Metal-Ion and Molecular-Ion Batteries: Progress and Challenges from a Molecular Engineering Perspective. <i>Advanced Energy Materials</i> , 2021, 11, 2101562.	10.2	44
95	Roadmap of Solid-State Lithium-Organic Batteries toward 500 Wh kg <sup>-1</sup> . <i>ACS Energy Letters</i> , 2021, 6, 3287-3306.	8.8	31
96	Structure-Performance Relationships of Covalent Organic Framework Electrode Materials in Metal-Ion Batteries. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 8061-8071.	2.1	26
97	TEMPO Containing Radical Polymonothiocarbonate Polymers with Regio- and Stereo-Regularities: Synthesis, Characterization, and Electrical Conductivity Studies. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20734-20738.	7.2	6
98	High-Performance Flexible Asymmetric Supercapacitor Paired with Indanthrone@Graphene Heterojunctions and MXene Electrodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41537-41544.	4.0	36
99	Synthesis of Co-Doped Tungsten Phosphide Nanoparticles Supported on Carbon Supports as High-Efficiency HER Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12311-12322.	3.2	26
100	TEMPO Containing Radical Polymonothiocarbonate Polymers with Regio- and Stereo-Regularities: Synthesis, Characterization, and Electrical Conductivity Studies. <i>Angewandte Chemie</i> , 2021, 133, 20902-20906.	1.6	0
101	Molecular Tailoring of an n/p-type Phenothiazine Organic Scaffold for Zinc Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20826-20832.	7.2	77
102	High-Performance Polymeric Lithium Salt Electrode Material from Phenol-Formaldehyde Condensation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 37289-37298.	4.0	15
103	Molecular Tailoring of an n/p-type Phenothiazine Organic Scaffold for Zinc Batteries. <i>Angewandte Chemie</i> , 2021, 133, 20994-21000.	1.6	21
104	Secondary Bonding Channel Design Induces Intercalation Pseudocapacitance toward Ultrahigh-Capacity and High-Rate Organic Electrodes. <i>Advanced Materials</i> , 2021, 33, e2104039.	11.1	18
105	Machine Learning-Assisted Discovery of High-Voltage Organic Materials for Rechargeable Batteries. <i>Journal of Physical Chemistry C</i> , 2021, 125, 21352-21358.	1.5	16
106	Chemical Design for Both Molecular and Morphology Optimization toward High-Performance Lithium-Ion Batteries Cathode Material Based on Covalent Organic Framework. <i>Advanced Functional Materials</i> , 2022, 32, 2107703.	7.8	47
107	Charge storage mechanisms of cathode materials in rechargeable aluminum batteries. <i>Science China Chemistry</i> , 2021, 64, 1888-1907.	4.2	17
108	A branched dihydrophenazine-based polymer as a cathode material to achieve dual-ion batteries with high energy and power density. <i>EScience</i> , 2021, 1, 60-68.	25.0	72

#	ARTICLE	IF	CITATIONS
109	A crystalline dihydroxyanthraquinone anodic material for proton batteries. <i>Materials Today Energy</i> , 2021, 22, 100872.	2.5	13
110	Conjugated Porous Polydiaminophenylsulfoneâ€“Triazine Polymerâ€”A High-Performance Anode for Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43002-43010.	4.0	34
111	Electrode Architecture Design to Promote Chargeâ€“Transport Kinetics in Highâ€“Loading and Highâ€“Energy Lithiumâ€“Based Batteries. <i>Small Methods</i> , 2021, 5, e2100518.	4.6	27
112	Conjugated Ladder-Type Polymer with Hexaazatriphenylene Units as a Cathode Material for Lithium, Sodium, and Potassium Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 10423-10427.	2.5	11
113	Quaternary nitrogen redox centers for battery materials. <i>Current Opinion in Electrochemistry</i> , 2021, 29, 100745.	2.5	10
114	One-Step Synthesis of a Polymer Cathode Material Containing Phenoxazine with High Performance for Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 11787-11792.	2.5	5
115	Enhanced lithium storage performance guided by intricate-cavity hollow cobalt phosphide. <i>Applied Surface Science</i> , 2021, 563, 150395.	3.1	7
116	Ultra-Stable, Ultra-Long-Lifespan and Ultra-High-Rate Na-ion Batteries Using Small-Molecule Organic Cathodes. <i>Energy Storage Materials</i> , 2021, 41, 738-747.	9.5	40
117	1-Hydroxyethylidene-1, 1-diphosphonic acid: A multifunctional interface modifier for eliminating HF in silicon anode. <i>Energy Storage Materials</i> , 2021, 42, 493-501.	9.5	23
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.	4.0	34
119	Conjugated microporous polyarylimides immobilization on carbon nanotubes with improved utilization of carbonyls as cathode materials for lithium/sodium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 446-453.	5.0	36
120	Radical polymer grafted graphene for high-performance Li+/Na+ organic cathodes. <i>Journal of Power Sources</i> , 2021, 511, 230363.	4.0	12
121	Cutting-edge development in dendritic polymeric materials for biomedical and energy applications. <i>European Polymer Journal</i> , 2021, 160, 110770.	2.6	32
122	Organic batteries based on just redox polymers. <i>Progress in Polymer Science</i> , 2021, 122, 101449.	11.8	66
123	Strong oxidation induced quinone-rich dopamine polymerization onto porous carbons as ultrahigh-capacity organic cathode for sodium-ion batteries. <i>Energy Storage Materials</i> , 2021, 43, 120-129.	9.5	26
124	Understanding cathode materials in aqueous zincâ€“organic batteries. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100799.	2.5	18
125	The improved cycling stability and rate capability of Nb-doped NaV3O8 cathode for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2022, 890, 161885.	2.8	11
126	Assembling organicâ€“inorganic building blocks for high-capacity electrode design. <i>Materials Horizons</i> , 2021, 8, 1825-1834.	6.4	1

#	ARTICLE	IF	CITATIONS
127	A conjugated tetracarboxylate anode for stable and sustainable Na-ion batteries. <i>Chemical Communications</i> , 2021, 57, 2360-2363.	2.2	12
128	Structure-property relationships in organic battery anode materials: exploring redox reactions in crystalline Na- and Li-benzene diacrylate using combined crystallography and density functional theory calculations. <i>Materials Advances</i> , 2021, 2, 1024-1034.	2.6	7
129	Electronic Conductive Inorganic Cathodes Promising High-Energy Organic Batteries. <i>Advanced Materials</i> , 2021, 33, e2005781.	11.1	12
130	Thiophene derivatives as electrode materials for high-performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11530-11536.	5.2	10
131	Structure engineering of van der Waals layered transition metal-containing compounds for aqueous energy storage. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2996-3020.	3.2	4
132	An extended carbonyl-rich conjugated polymer cathode for high-capacity lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2700-2705.	5.2	58
133	In Situ Polymerized Conjugated Poly(pyrene-4,5,9,10-tetraone)/Carbon Nanotubes Composites for High-Performance Cathode of Sodium Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2002917.	10.2	69
134	Emerging 2D Organic-Inorganic Heterojunctions. <i>Cell Reports Physical Science</i> , 2020, 1, 100166.	2.8	23
135	Understanding the Synergistic Effects and Structural Evolution of Co(OH) <sub>2</sub> and Co <sub>3</sub> O <sub>4</sub> toward Boosting Electrochemical Charge Storage. <i>Advanced Functional Materials</i> , 2022, 32, 2108644.	7.8	102
136	2D Molecular Sheets of Hydrogen-Bonded Organic Frameworks for Ultrastable Sodium-Ion Storage. <i>Advanced Materials</i> , 2021, 33, e2106079.	11.1	55
137	Insights into Redox Processes and Correlated Performance of Organic Carbonyl Electrode Materials in Rechargeable Batteries. <i>Advanced Materials</i> , 2022, 34, e2104150.	11.1	69
138	Pillararene/Calixarene-based systems for battery and supercapacitor applications. <i>EScience</i> , 2021, 1, 28-43.	25.0	97
139	Recent Progress of Hexaazatriphenylene-based Electrode Materials for Rechargeable Batteries. <i>Catalysis Today</i> , 2022, 400-401, 102-114.	2.2	12
140	Biredox-Ionic Anthraquinone-Coupled Ethylviologen Composite Enables Reversible Multielectron Redox Chemistry for Li-Organic Batteries. <i>Advanced Science</i> , 2022, 9, e2103632.	5.6	8
141	Investigation of Capacity Increase in Schiff-Base Networks as the Organic Anode for Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 12882-12891.	2.5	16
142	Mechanochemical synthesis of sodium carboxylates as anode materials in sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27361-27369.	5.2	7
143	Cu-ion induced self-polymerization of Cu phthalocyanine to prepare low-cost organic cathode materials for Li-ion batteries with ultra-high voltage and ultra-fast rate capability. <i>Journal of Materials Chemistry A</i> , 2021, 9, 24915-24921.	5.2	5
144	Diluted Ionic Liquid Electrolyte-Assisted Stable Cycling of Small Molecular Organics. <i>ChemElectroChem</i> , 2021, 8, 4625-4632.	1.7	4

#	ARTICLE	IF	CITATIONS
145	Structure-related electrochemical behavior of sulfur-rich polymer cathode with solid-solid conversion in lithium-sulfur batteries. <i>Energy Storage Materials</i> , 2022, 45, 1144-1152.	9.5	30
146	Homogeneous Catalysis for Sustainable Energy: Hydrogen and Methanol Economies, Fuels from Biomass, and Related Topics. <i>Chemical Reviews</i> , 2022, 122, 385-441.	23.0	223
147	Sodium manganese hexacyanoferrate as ultra-high rate host for aqueous proton storage. <i>Electrochimica Acta</i> , 2022, 401, 139525.	2.6	5
148	Phase transformation induced benzene rings activation in a metal-organic framework to boost sodium storage performance. <i>Chemical Engineering Journal</i> , 2022, 433, 133508.	6.6	2
149	Chemical Upcycling of PET Waste towards Terephthalate Redox Nanoparticles for Energy Storage. <i>Sustainable Chemistry</i> , 2021, 2, 610-621.	2.2	9
150	Recent Advancements of Hexaazatriphenylene-Based Materials for Energy Applications. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4167.	0.6	0
152	Dual redox groups enable organic cathode material with a high capacity for aqueous zinc-organic batteries. <i>Electrochimica Acta</i> , 2022, 404, 139620.	2.6	21
153	Water-in-Polymer Salt Electrolyte for Slow Self-Discharge in Organic Batteries. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	2.8	21
154	30 Li <sup>+</sup> -Accommodating Covalent Organic Frameworks as Ultralong Cyclable High-Capacity Li-ion Battery Electrodes. <i>Advanced Functional Materials</i> , 2022, 32, 2108798.	7.8	59
155	Rapid Microwave-Assisted Synthesis and Electrode Optimization of Organic Anode Materials in Sodium-ion Batteries. <i>Small Methods</i> , 2021, 5, e2101016.	4.6	7
156	Soluble Organic Cathodes Enable Long Cycle Life, High Rate, and Wide-Temperature Lithium-ion Batteries. <i>Advanced Materials</i> , 2022, 34, e2107226.	11.1	50
157	Polypyrrole as an ultrafast organic cathode for dual-ion batteries. <i>EScience</i> , 2021, 1, 186-193.	25.0	32
158	Implications of the BATTERY 2030+ AI-Assisted Toolkit on Future Low-CO <sub>2</sub> Battery Discoveries and Chemistries. <i>Advanced Energy Materials</i> , 2022, 12, 2102698.	10.2	20
159	Advances of Organosulfur Materials for Rechargeable Metal Batteries. <i>Advanced Science</i> , 2022, 9, e2103989.	5.6	36
160	Regulating Steric Hindrance in Redox-Active Porous Organic Frameworks Achieves Enhanced Sodium Storage Performance. <i>Small</i> , 2022, 18, e2105927.	5.2	10
161	A high-performance organic cathode customized for sulfide-based all-solid-state batteries. <i>Energy Storage Materials</i> , 2022, 45, 680-686.	9.5	13
162	Photo-assisted charge/discharge Li-organic battery with a charge-separated and redox-active C <sub>60</sub> @porous organic cage cathode. <i>Energy and Environmental Science</i> , 2022, 15, 780-785.	15.6	37
163	Black Charcoal for Green and Scalable Wooden Electrodes for Supercapabatteries. <i>Energy Technology</i> , 2022, 10, .	1.8	1

#	ARTICLE	IF	CITATIONS
164	MXene/Organics Heterostructures Enable Ultrastable and High-Rate Lithium/Sodium Batteries. ACS Applied Materials & Interfaces, 2022, 14, 2979-2988.	4.0	46
165	Regulating the radical intermediates by conjugated units in covalent organic frameworks for optimized lithium ion storage. Journal of Energy Chemistry, 2022, 69, 428-433.	7.1	29
166	A High-Voltage Organic Framework for High-Performance Na- and K-Ion Batteries. ACS Energy Letters, 2022, 7, 668-674.	8.8	34
167	Hydrated eutectic electrolytes for high-performance Mg-ion batteries. Energy and Environmental Science, 2022, 15, 1282-1292.	15.6	56
168	Performance Predictors for Organic Cathodes of Lithium-Ion Battery. ACS Applied Energy Materials, 2022, 5, 2074-2082.	2.5	8
169	Effect of electrolyte anions on the cycle life of a polymer electrode in aqueous batteries. EScience, 2022, 2, 110-115.	25.0	58
170	A highly stable 1.3ÅV organic cathode for aqueous zinc batteries designed in-situ by solid-state electrooxidation. Energy Storage Materials, 2022, 46, 129-137.	9.5	11
171	Thiophene functionalized porphyrin complexes as novel bipolar organic cathodes with high energy density and long cycle life. Energy Storage Materials, 2022, 46, 252-258.	9.5	36
172	An All-Organic battery with 2.8ÅV output voltage. Chemical Engineering Journal, 2022, 434, 134651.	6.6	8
173	Green electrolyte-based organic electronic devices. , 2022, , 281-295.		5
174	Photoelectrochemical energy storage materials: design principles and functional devices towards direct solar to electrochemical energy storage. Chemical Society Reviews, 2022, 51, 1511-1528.	18.7	113
175	Interfacial Self-assembly of Organics/MXene Hybrid Cathodes Toward High-Rate-Performance Sodium Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 8036-8047.	4.0	11
176	Effect of zinc-based active sites on porous carbon and electrochemical properties in lithium-sulfur batteries. Journal of Alloys and Compounds, 2022, 905, 164182.	2.8	5
177	Dual Rate-Modulation Approach for the Preparation of Crystalline Covalent Triazine Frameworks Displaying Efficient Sodium Storage. ACS Macro Letters, 2022, 11, 60-65.	2.3	12
178	Benchmarks of the density functional tight-binding method for redox, protonation and electronic properties of quinones. Physical Chemistry Chemical Physics, 2022, 24, 6742-6756.	1.3	0
179	Emerging conjugated radical polymer cathodes with ultra-long cycle life for an entire polymer rechargeable battery. Journal of Materials Chemistry A, 2022, 10, 10373-10382.	5.2	8
180	Gas-phase deposition of di- and tetra-lithium salts of 2,5-dihydroxyterephthalic acid. Dalton Transactions, 2022, 51, 4246-4251.	1.6	1
181	Insight into prognostics, diagnostics, and management strategies for SARS CoV-2. RSC Advances, 2022, 12, 8059-8094.	1.7	7

#	ARTICLE	IF	CITATIONS
182	Conjugated Copolymer Design in Phenothiazine-Based Battery Materials Enables High Mass Loading Electrodes. ACS Sustainable Chemistry and Engineering, 2022, 10, 3236-3244.	3.2	15
183	Analysis of Electrode Configuration Effects on Mass Transfer and Organic Redox Flow Battery Performance. Industrial & Engineering Chemistry Research, 2022, 61, 2915-2925.	1.8	30
184	Heterocyclic Conjugated Polymer Nanoarchitectonics with Synergistic Redox-Active Sites for High-Performance Aluminium Organic Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	27
185	An Ultrafast, Durable, and High-Loading Polymer Anode for Aqueous Zinc-Ion Batteries and Supercapacitors. Advanced Materials, 2022, 34, e2200077.	11.1	60
186	High-Potential Cathodes with Nitrogen Active Centres for Quasi-Solid Proton-Ion Batteries. Angewandte Chemie, 2022, 134, .	1.6	12
187	High-Potential Cathodes with Nitrogen Active Centres for Quasi-Solid Proton-Ion Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	48
188	Graphene and Polyethyleneimine Bilayer Wrapping onto Quinone Molecular Crystal Cathode Materials for Aqueous Zinc-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 4707-4711.	2.5	6
189	Experimentally Validated Three-Dimensional Modeling of Organic-Based Sodium-Ion Battery Electrode Manufacturing. Batteries and Supercaps, 2022, 5, .	2.4	11
190	Heterocyclic Conjugated Polymer Nanoarchitectonics with Synergistic Redox-Active Sites for High-Performance Aluminium Organic Batteries. Angewandte Chemie, 2022, 134, .	1.6	4
191	Challenges and Perspectives of Organic Multivalent Metal-Ion Batteries. Advanced Materials, 2022, 34, e2200662.	11.1	46
192	Practically Accessible All-Solid-State Batteries Enabled by Organosulfide Cathodes and Sulfide Electrolytes. Advanced Functional Materials, 2022, 32, .	7.8	15
193	Key Features of TEMPO-Containing Polymers for Energy Storage and Catalytic Systems. Energies, 2022, 15, 2699.	1.6	8
194	Redox-Active Hydrocarbons: Isolation and Structural Determination of Cationic States toward Advanced Response Systems. ChemPlusChem, 2022, , e202200013.	1.3	5
195	Aqueous zinc batteries: Design principles toward organic cathodes for grid applications. IScience, 2022, 25, 104204.	1.9	20
197	Establishing substitution rules of functional groups for high-capacity organic anode materials in Na-ion batteries. Journal of Power Sources, 2022, 533, 231383.	4.0	5
198	Polyimide as a durable cathode for all-solid-state Li(Na)-organic batteries with boosted cell-level energy density. Nano Energy, 2022, 96, 107130.	8.2	7
199	Molecularly engineered organic copolymers as high capacity cathode materials for aqueous proton battery operating at sub-zero temperatures. Journal of Colloid and Interface Science, 2022, 619, 123-131.	5.0	14
200	Dimensionally Stable Polyimide Frameworks Enabling Long-Life Electrochemical Alkali-Ion Storage. ACS Applied Materials & Interfaces, 2022, 14, 826-833.	4.0	4

#	ARTICLE	IF	CITATIONS
201	A Symmetric All-Organic Proton Battery in Mild Electrolyte. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	29
202	A Symmetric All-Organic Proton Battery in Mild Electrolyte. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115180.	7.2	76
203	Graphene Acid for Lithium-Ion Batteries-Carboxylation Boosts Storage Capacity in Graphene. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	25
204	Poly(quinone-thiourea) with Improved Auxiliary Coordination Zn <sup>2+</sup> Insertion/Extraction Positive Performance for Aqueous Zinc Ion Battery Cathodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 213-223.	3.2	24
205	Interfaces and Interphases in Ca and Mg Batteries. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	22
206	Mechanistic insights into the pseudocapacitive performance of bronze-type vanadium dioxide with mono/multi-valent cations intercalation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10439-10451.	5.2	14
207	Thermally encapsulated phenothiazine@MWCNT cathode for aqueous zinc ion battery. <i>Materials Advances</i> , 2022, 3, 4310-4321.	2.6	7
208	Superior performance enabled by supramolecular interactions in metal-organic cathode: the power of weak bonds. <i>Journal of Materials Chemistry A</i> , 2022, 10, 19671-19679.	5.2	6
210	Ultrahigh Energy Density Li-Organic Primary Batteries. <i>Energy and Environmental Materials</i> , 2022, 5, 1010-1011.	7.3	5
211	Tetraphenolphthalein Cobalt(II) Phthalocyanine Polymer Modified with Multiwalled Carbon Nanotubes as an Efficient Catalyst for the Oxygen Reduction Reaction. <i>ACS Omega</i> , 2022, 7, 14291-14304.	1.6	15
212	New insights into the electrochemical activity of maleic acid in lithium ion battery. <i>Chemical Engineering Journal</i> , 2022, 443, 136490.	6.6	3
213	Electrochemistry in Magnetic Fields. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	64
214	Ethynyl Functionalized Porphyrin Complex as a New Cathode for Organic Alkali Metal Batteries with Excellent Cycling Stability. <i>SSRN Electronic Journal</i> , 0, .	0.4	0
215	Quinone Electrodes for Alkali-Acid Hybrid Batteries. <i>Journal of the American Chemical Society</i> , 2022, 144, 8066-8072.	6.6	23
216	p-Type Redox-Active Organic Electrode Materials for Next-Generation Rechargeable Batteries. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	2.8	35
217	Electrochemistry in Magnetic Fields. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
218	Electrochemical swelling induced high material utilization of porous polymers in magnesium electrolytes. <i>Materials Today</i> , 2022, 55, 29-36.	8.3	13
219	Influence of Polymorphism on the Electrochemical Behavior of Dilithium (2,3-Dilithium-oxy)-terephthalate vs. Li. <i>Inorganics</i> , 2022, 10, 62.	1.2	2

#	ARTICLE	IF	CITATIONS
220	Recent Progress on Organic Electrode Materials for Multivalent (Zn, Al, Mg, Ca) Secondary Batteries. Batteries and Supercaps, 2022, 5, .	2.4	23
221	Bi-functional poly(vinylidene difluoride) coated Al anodes for highly rechargeable aqueous Al-ion batteries. Electrochimica Acta, 2022, 421, 140495.	2.6	9
222	Adjusting morphological properties of organic electrode material for efficient Sodium-ion batteries by isomers strategy. Journal of Colloid and Interface Science, 2022, 623, 637-645.	5.0	5
223	Organic redox polymers as electrochemical energy materials. Green Chemistry, 2022, 24, 4650-4679.	4.6	18
224	Intermolecular/intramolecular interactions for high-performance organic batteries. Scientia Sinica Chimica, 2022, 52, 1883-1895.	0.2	1
225	Aging effect of Catechol Redox Polymer Nanoparticles for Hybrid Supercapacitors. Batteries and Supercaps, 0, , .	2.4	1
226	Ion storage performance of a polymer for mono-, di- and tri-valent metal ions in non-aqueous electrolytes. Chemical Communications, 2022, 58, 7821-7824.	2.2	3
227	Design Rationale and Device Configuration of Lithium-ion Capacitors. Advanced Energy Materials, 2022, 12, .	10.2	40
228	Improving strategies for the molecular structure of organic anode/cathode materials in potassium-ion batteries. EcoMat, 2022, 4, .	6.8	9
229	An Air-Rechargeable Zn/Organic Battery with Proton Storage. Journal of the American Chemical Society, 2022, 144, 10301-10308.	6.6	58
230	Nanotechnology Research for Alternative Renewable Energy. RSC Nanoscience and Nanotechnology, 2022, , 277-298.	0.2	0
231	Constructing Extended $\pi$ -Conjugated Molecules with $o$ -Quinone Groups as High-Energy Organic Cathode Materials. ACS Applied Materials & Interfaces, 2022, 14, 27994-28003.	4.0	20
233	Insight on Cathodes Chemistry for Aqueous Zinc-ion Batteries: From Reaction Mechanisms, Structural Engineering, and Modification Strategies. Small, 2022, 18, .	5.2	30
234	Fundamental insight into the interaction between a lithium salt and an inorganic filler for ion mobility using a synergic theoretical-experimental approach. Journal of Colloid and Interface Science, 2022, 625, 734-742.	5.0	3
235	Deciphering the Thermal and Electrochemical Behaviors of Dual Redox-Active Iron Croconate Violet Coordination Complexes. Inorganic Chemistry, 2022, 61, 9308-9317.	1.9	3
236	$N$ -Substituted Carbazole Derivate Salts as Stable Organic Electrodes for Anion Insertion. ChemNanoMat, 2022, 8, .	1.5	2
237	Functional group contributions for azo derivatives as anode materials for KIBs: A first-principles study. Materials Chemistry and Physics, 2022, 289, 126430.	2.0	1
238	Recent advances in developing organic positive electrode materials for rechargeable aluminum-ion batteries. Energy Storage Materials, 2022, 51, 63-79.	9.5	29

#	ARTICLE	IF	CITATIONS
239	A nitrogen- and carbonyl-rich conjugated small-molecule organic cathode for high-performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 16249-16257.	5.2	6
240	A star-shaped polyimide covalent organic framework for high-voltage lithium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2022, 6, 2545-2550.	3.2	23
241	Materials, electrodes and electrolytes advances for next-generation lithium-based anode-free batteries. <i>Oxford Open Materials Science</i> , 2022, 2, .	0.5	5
242	Conducting polymers with redox active pendant groups: their application progress as organic electrode materials for rechargeable batteries. <i>Journal of Materials Chemistry C</i> , 2022, 10, 13570-13589.	2.7	5
243	Vanadium Oxide with Elevated Interlayers for Durable Aqueous Hybrid Li <sup>+</sup> /Zn <sup>2+</sup> Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 9070-9078.	2.5	10
244	Preparation of D-A-D conjugated polymers based on [1,2,5]thiadiazolo[3,4-c]pyridine and thiophene derivatives and their electrochemical properties as anode materials for lithium-ion batteries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 651, 129707.	2.3	8
245	Band-Gap Tuned Dilithium Terephthalate from Environmentally Hazardous Material for Sustainable Lithium Storage Systems with DFT Modelling. <i>ChemistrySelect</i> , 2022, 7, .	0.7	3
246	Super Flexible Cathode Material with 3D Cross-Linking System Based on Polyvinyl Alcohol Hydrogel for Boosting Aqueous Zinc Ion Batteries. <i>ChemElectroChem</i> , 0, , .	1.7	0
247	Nanostructured Poly(hydroquinonyl-benzoquinonyl sulfide)/Multiwalled Carbon Nanotube Composite Cathodes: Improved Synthesis and Performance for Rechargeable Li and Mg Organic Batteries. <i>Chemistry of Materials</i> , 2022, 34, 6378-6388.	3.2	3
248	Micro-nano morphology regulation via electrospinning strategy enables high-performance high-voltage polymer cathodes for lithium-organic batteries. <i>Journal of Power Sources</i> , 2022, 542, 231824.	4.0	3
249	Boosting the energy density of organic cathode materials by designing planarized conjugated p-type polymer with multi-redox-active centers. <i>Chemical Engineering Journal</i> , 2022, 450, 137920.	6.6	8
250	Self-Discharge in Batteries Based on Lignin and Water-in-Polymer Salt Electrolyte. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	2.8	4
251	Iterative Synthesis of Contorted Macromolecular Ladders for Fast-Charging and Long-Life Lithium Batteries. <i>Journal of the American Chemical Society</i> , 2022, 144, 13973-13980.	6.6	25
252	A universal small-molecule organic cathode for high-performance Li/Na/K-ion batteries. <i>Energy Storage Materials</i> , 2022, 52, 61-68.	9.5	25
253	A Monocrystalline Coordination Polymer with Multiple Redox Centers as a High-Performance Cathode for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
254	Challenges and advances of organic electrode materials for sustainable secondary batteries. <i>Exploration</i> , 2022, 2, .	5.4	20
255	Symmetric sodium-ion batteries—materials, mechanisms, and prospects. <i>Materials Today Energy</i> , 2022, 29, 101115.	2.5	10
256	Biosourced quinones for high-performance environmentally benign electrochemical capacitors via interface engineering. <i>Communications Chemistry</i> , 2022, 5, .	2.0	12

#	ARTICLE	IF	CITATIONS
257	Ethynyl functionalized porphyrin complex as a new cathode for organic alkali metal batteries with excellent cycling stability. <i>Chemical Engineering Journal</i> , 2023, 451, 138734.	6.6	9
258	Advances in Microfluidic Technologies for Energy Storage and Release Systems. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	2.8	2
259	Design of bipolar polymer electrodes for symmetric Li-dual-ion batteries. <i>Chemical Engineering Journal</i> , 2023, 451, 138773.	6.6	14
260	Construction of Fluorine- and Piperazine-Engineered Covalent Triazine Frameworks Towards Enhanced Dual-Ion Positive Electrode Performance. <i>ChemSusChem</i> , 2023, 16, .	3.6	5
261	In Situ Spectroscopic and Electrical Investigations of Ladder-type Conjugated Polymers Doped with Alkali Metals. <i>Macromolecules</i> , 2022, 55, 7294-7302.	2.2	2
262	A Monocrystalline Coordination Polymer with Multiple Redox Centers as a High-Performance Cathode for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
263	Na ion batteries: An India centric review. <i>Heliyon</i> , 2022, 8, e10013.	1.4	3
264	The Mechanism of Modification of Poly(anthraquinonylsulfide) Organic Electrode Materials. <i>ChemistrySelect</i> , 2022, 7, .	0.7	1
265	Novel organic anode based on o-benzene active material for high-performance lithium ion batteries. <i>Journal of Power Sources</i> , 2022, 546, 231992.	4.0	7
266	In-situ induced self-solidification and activation of ultra-high energy density organic cathode. <i>Energy Storage Materials</i> , 2022, 52, 465-472.	9.5	5
267	Pyrazine and crown ethers: functional covalent organic polymers for (solar-assisted) high capacity and rate performance lithium-organic battery. <i>Materials Today Chemistry</i> , 2022, 26, 101082.	1.7	3
268	Towards High-Performance Aqueous Zinc Batteries via a Semi-Conductive Bipolar-Type Polymer Cathode. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
269	A versatile LiTFSI-like anchor for constructing robust interfacial layers with tailored structures for silicon anodes. <i>Energy Storage Materials</i> , 2022, 52, 646-654.	9.5	17
270	Synthesis of stack plate covalent organic framework nanotubes using a self-assembled acid as a soft template. <i>Chemical Communications</i> , 2022, 58, 9148-9151.	2.2	7
271	Molecular structure design of planar zwitterionic polymer electrode materials for all-organic symmetric batteries. <i>Chemical Science</i> , 2022, 13, 11614-11622.	3.7	6
272	Electrochemical deoxygenative reduction of ketones. <i>Chemical Communications</i> , 2022, 58, 11155-11158.	2.2	9
273	Caffeine as an Energy Storage Material for Next-Generation Lithium Batteries. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
274	Synthetic Control of Electronic Property and Porosity in Anthraquinone-Based Conjugated Polymer Cathodes for High-Rate and Long-Cycle-Life Na-Organic Batteries. <i>ACS Nano</i> , 2022, 16, 14590-14599.	7.3	15

#	ARTICLE	IF	CITATIONS
275	Recent Advances in the Unconventional Design of Electrochemical Energy Storage and Conversion Devices. <i>Electrochemical Energy Reviews</i> , 2022, 5, .	13.1	29
276	Organic batteries for a greener rechargeable world. <i>Nature Reviews Materials</i> , 2023, 8, 54-70.	23.3	109
277	Halogenated Carboxylates as Organic Anodes for Stable and Sustainable Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 40784-40792.	4.0	11
278	Unraveling the Role of Aromatic Ring Size in Tuning the Electrochemical Performance of Small-Molecule Imide Cathodes for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 44330-44337.	4.0	14
279	The key role of molecular aggregation in rechargeable organic cathodes. <i>Matter</i> , 2022, 5, 4467-4479.	5.0	7
280	Towards High-Performance Aqueous Zinc Batteries via a Semi-Conductive Bipolar-Type Polymer Cathode. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	35
281	Solution-Processable Redox-Active Polymers of Intrinsic Microporosity for Electrochemical Energy Storage. <i>Journal of the American Chemical Society</i> , 2022, 144, 17198-17208.	6.6	23
282	Building oxygen-vacancy in Co <sub>3</sub> O <sub>4</sub> ·x nanocrystal towards ultrahigh pseudocapacitance. <i>Journal of Alloys and Compounds</i> , 2022, 929, 167299.	2.8	1
283	Designing and tuning the components of random terpolymers toward Ampere-hour-scale organic lithium batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 23562-23569.	5.2	1
284	Room Temperature Halide-Eutectic Solid Electrolytes with Viscous Feature and Ultrahigh Ionic Conductivity. <i>Advanced Science</i> , 2022, 9, .	5.6	14
285	Coupling influences of electrode and flow field geometry on species transport behavior and battery performance for organic redox flow battery. <i>International Journal of Low-Carbon Technologies</i> , 2022, 17, 1341-1352.	1.2	2
286	Unique Mechanisms of Ion Storage in Polyaniline Electrodes for Pseudocapacitive Energy Storage Devices Unraveled by EQCM-D Analysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 47066-47074.	4.0	3
287	Organic-MXene Composites as Electrode Materials for Energy Storage. <i>Batteries and Supercaps</i> , 2023, 6, .	2.4	12
288	Molecular Engineering of Quinone-Based Nickel Complexes and Polymers for All-Organic Li-Ion Batteries. <i>Molecules</i> , 2022, 27, 6805.	1.7	1
289	A Fast-Charging and High-Temperature All-Organic Rechargeable Potassium Battery. <i>Advanced Science</i> , 2022, 9, .	5.6	8
290	Fe-based frameworks in situ derived 3D Ni-Co-Fe nanocage TMO anode for LIB batteries. <i>Ionics</i> , 2022, 28, 5489-5498.	1.2	1
291	Cyclohexanone-assisted one-step ball-milling of graphite to graphene composites as cathodes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2022, 436, 141449.	2.6	1
292	Redox of anionic and cationic radical intermediates in a bipolar polyimide COF for high-performance dual-ion organic batteries. <i>Chemical Engineering Journal</i> , 2023, 454, 139877.	6.6	14

#	ARTICLE	IF	CITATIONS
293	Ultra-long cycle life organic-sodium batteries enabled by thiophene-based porphyrin in-situ electropolymerization. <i>Chemical Engineering Journal</i> , 2023, 453, 139951.	6.6	5
294	Bis-imidazole ring-containing bipolar organic small molecule cathodes for high-voltage and ultrastable lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2022, 11, 108-117.	5.2	8
295	Evaluation and degradation mechanism of phthalimide derivatives as anolytes for non-aqueous organic static batteries. <i>New Journal of Chemistry</i> , 2022, 46, 22593-22601.	1.4	1
296	Employing cationic kraft lignin as electrolyte additive to enhance the electrochemical performance of rechargeable aqueous zinc-ion battery. <i>Fuel</i> , 2023, 333, 126450.	3.4	5
297	Molecular and Morphological Engineering of Organic Electrode Materials for Electrochemical Energy Storage. <i>Electrochemical Energy Reviews</i> , 2022, 5, .	13.1	22
298	Phenothiazine-Based Donor-Acceptor Polymers as Multifunctional Materials for Charge Storage and Solar Energy Conversion. <i>Macromolecular Rapid Communications</i> , 2024, 45, .	2.0	5
299	Designing modern aqueous batteries. <i>Nature Reviews Materials</i> , 2023, 8, 109-122.	23.3	153
300	High-resolution mass spectroscopy for revealing the charge storage mechanism in batteries: Oxamide materials as an example. <i>Energy and Environmental Materials</i> , 0, , .	7.3	1
301	Highly Efficient Organosulfur and Lithium-Metal Hosts Enabled by C@Fe <sub>3</sub> N Sponge. <i>Angewandte Chemie</i> , 0, , .	1.6	0
302	Highly Efficient Organosulfur and Lithium-Metal Hosts Enabled by C@Fe <sub>3</sub> N Sponge. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	20
303	Imine-linked triazine-based conjugated microporous polymers/carbon nanotube composites as organic anode materials for lithium-ion batteries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 657, 130496.	2.3	2
304	Flexible ultracapacitor device fabricated with an organic electrode material- naphthalene diimide nitrile/reduced graphene oxide. <i>Journal of Energy Storage</i> , 2022, 56, 106036.	3.9	6
305	Crystalline Anions Based on Classical N-Heterocyclic Carbenes. <i>Angewandte Chemie</i> , 0, , .	1.6	0
306	Crystalline Anions Based on Classical N-Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	7
307	Conjugated polycopper phthalocyanine as the anode-active material with high specific capacity for lithium-organic batteries. <i>Materials Letters</i> , 2023, 333, 133682.	1.3	1
308	Donor-Acceptor Ambipolar Conducting Polymer Electrode Materials for Wide-Voltage and High-Stability Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 15978-15986.	3.2	5
309	Molecular Engineering of Metalloporphyrins for High-Performance Energy Storage: Central Metal Matters. <i>ChemSusChem</i> , 2023, 16, .	3.6	5
310	Rational Integration of Carbon Nanotubes into Chain-Engineered Bipolar Polyimides as Core-Shell Heterostructured Electrodes for Polymer-Based Symmetrical Full Batteries. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	4

#	ARTICLE	IF	CITATIONS
311	Phenoxazine Polymer-based p-type Positive Electrode for Aluminum-ion Batteries with Ultra-long Cycle Life. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	14
312	Synthesis of D-A-Type Polymers Containing Thieno[3,2-b]thiophene Unit, Their Composites with Carbon, and Lithium Storage Performance as Anode Materials. <i>Coatings</i> , 2022, 12, 1912.	1.2	2
313	Aqueous Electrolyte Asymmetric Supercapacitors Based on the 5-Hydroxyindole Molecule Electrode and MXene with Efficient Energy Storage. <i>ACS Applied Energy Materials</i> , 2023, 6, 68-78.	2.5	7
314	Isomeric Triptycene Triquinones as Universal Cathode Materials for High Energy Alkali Metal Batteries. <i>Batteries and Supercaps</i> , 2023, 6, .	2.4	1
315	Evaluating the Polymer Backbone "Vinylene versus Styrene" of Anisyl-substituted Phenothiazines as Battery Electrode Materials. <i>Batteries and Supercaps</i> , 2023, 6, .	2.4	2
316	Interwoven Poly(Anthraquinonyl Sulfide) Nanosheets Decorated Carbon Nanotubes as Core-Sheath Heteroarchitected Cathodes for Polymer-Based Asymmetrical Full Batteries. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	0
317	Electrical Stimuli-Responsive Decomposition of Layer-by-Layer Films Composed of Polycations and TEMPO-Modified Poly(acrylic acid). <i>Polymers</i> , 2022, 14, 5349.	2.0	1
318	Phenoxazine Polymer-based p-type Positive Electrode for Aluminum-ion Batteries with Ultra-long Cycle Life. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	0
319	Organic Anode Materials for Lithium-Ion Batteries: Recent Progress and Challenges. <i>Materials</i> , 2023, 16, 177.	1.3	11
320	Folic acid-based supramolecules for enhanced stability in potassium ion batteries. <i>Chinese Chemical Letters</i> , 2023, 34, 108095.	4.8	0
321	Î-ketoenamine-Linked Covalent Organic Framework with Co Intercalation: Improved Lithium Storage Properties and Mechanism for High-Performance Lithium-Organic Batteries. <i>Batteries and Supercaps</i> , 2023, 6, .	2.4	39
322	Azo-functionalised metal-organic framework for charge storage in sodium-ion batteries. <i>Chemical Communications</i> , 2023, 59, 1321-1324.	2.2	2
323	High-capacity proton battery based on Î-conjugated N-containing organic compound. <i>Electrochimica Acta</i> , 2023, 442, 141870.	2.6	4
324	Reversible Metal and Ligand Redox Chemistry in Two-Dimensional Iron-Organic Framework for Sustainable Lithium-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2023, 145, 1564-1571.	6.6	23
325	Emerging organic electrodes for Na-ion and K-ion batteries. <i>Energy Storage Materials</i> , 2023, 56, 267-299.	9.5	41
326	Dual redox-active porous polyimides as high performance and versatile electrode material for next-generation batteries. <i>Materials Horizons</i> , 2023, 10, 967-976.	6.4	6
327	A metal-free all-organic ammonium-ion battery with low-temperature applications. <i>Journal of Materials Chemistry A</i> , 2023, 11, 2814-2825.	5.2	4
328	Caffeine as an energy storage material for next-generation lithium batteries. <i>Energy Storage Materials</i> , 2023, 56, 13-24.	9.5	2

#	ARTICLE	IF	CITATIONS
329	Noncovalent interactions engineering construct the fast-kinetics organic cathode for room/low-temperature aqueous zinc-ion battery. <i>Chemical Engineering Journal</i> , 2023, 458, 141336.	6.6	12
330	Solidâ€Electrolyte Interphase for Ultraâ€Stable Aqueous Dualâ€Ion Storage. <i>Advanced Energy Materials</i> , 2023, 13, .	10.2	3
331	Supramolecule-Based Excluded-Volume Electrolytes and Conjugated Sulfonamide Cathodes for High-Voltage and Long-Cycling Aqueous Zinc-Ion Batteries. <i>ACS Energy Letters</i> , 2023, 8, 762-771.	8.8	17
332	Design strategies of covalent organic framework-based electrodes for supercapacitor application. <i>Chemical Communications</i> , 2023, 59, 3175-3192.	2.2	9
333	An Ultrafast, Highâ€Loading, and Durable Poly(pâ€aminoazobenzene)/Reduced Graphene Oxide Composite Electrode for Supercapacitors. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	6
334	Solidâ€State Batteries Based on Organic Cathode Materials. <i>Batteries and Supercaps</i> , 2023, 6, .	2.4	3
335	Immobilizing Poly(vinylphenothiazine) in Ketjenblackâ€Based Electrodes to Access its Full Specific Capacity as Battery Electrode Material. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	4
336	The role of the electrolyte in non-conjugated radical polymers for metal-free aqueous energy storage electrodes. <i>Nature Materials</i> , 2023, 22, 495-502.	13.3	17
337	Anionâ€Dependent Redox Chemistry of pâ€Type Poly(vinylidimethylphenazine) Cathode Materials. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	9
338	Multiredox tripyridine-triazine molecular cathode for lithium-organic battery. <i>Journal of Power Sources</i> , 2023, 567, 232963.	4.0	2
339	Optimization of melting performance of a heat storage tank under rotation conditions: Based on taguchi design and response surface method. <i>Energy</i> , 2023, 271, 127100.	4.5	33
340	Recent advances and future perspectives of rechargeable chloride-based batteries. <i>Nano Energy</i> , 2023, 110, 108364.	8.2	10
341	Porous V2O3/C composite electrodes derived from V-MOF with advanced performance for Zn-ion battery. <i>Materials Letters</i> , 2023, 341, 134232.	1.3	0
342	A case study on storage and capacity fading mechanism of poly(perylene diimides) cathode in aqueous zinc ion battery. <i>Electrochimica Acta</i> , 2023, 453, 142321.	2.6	6
343	Building stable small molecule imide cathodes toward ultralong-life aqueous zinc-organic batteries. <i>Chemical Engineering Journal</i> , 2023, 465, 142824.	6.6	6
344	Thionin as a Bipolar Organic Cathode Material for Aqueous Rechargeable Zinc Batteries. <i>Batteries and Supercaps</i> , 2023, 6, .	2.4	3
345	Predicting the Solubility of Organic Energy Storage Materials Based on Functional Group Identity and Substitution Pattern. <i>Journal of Physical Chemistry Letters</i> , 2023, 14, 1318-1325.	2.1	3
346	Mixed Ionicâ€Electronic Conduction Increases the Rate Capability of Polynaphthalenediimide for Energy Storage. <i>ACS Polymers Au</i> , 2023, 3, 267-275.	1.7	3

#	ARTICLE	IF	CITATIONS
347	Electrolytes in Organic Batteries. <i>Chemical Reviews</i> , 2023, 123, 1712-1773.	23.0	57
348	Validating the reversible redox of alkali-ion disulfonyl-methanide as organic positive electrode materials. <i>Materials Today Chemistry</i> , 2023, 28, 101379.	1.7	2
349	Cathode Electrolyte Interphase (CEI) Endows Mo <sub>6</sub> S <sub>8</sub> with Fast Interfacial Magnesium <sup>+</sup> Ion Transfer Kinetics. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	6
350	Cathode Electrolyte Interphase (CEI) Endows Mo <sub>6</sub> S <sub>8</sub> with Fast Interfacial Magnesium <sup>+</sup> Ion Transfer Kinetics. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	4
351	Soft Fiber Electronics Based on Semiconducting Polymer. <i>Chemical Reviews</i> , 2023, 123, 4693-4763.	23.0	40
352	Organosulfur Materials for Rechargeable Batteries: Structure, Mechanism, and Application. <i>Chemical Reviews</i> , 2023, 123, 1262-1326.	23.0	45
353	State and future implementation perspectives of porous carbon-based hybridized matrices for lithium sulfur battery. <i>Coordination Chemistry Reviews</i> , 2023, 481, 215055.	9.5	9
354	Covalent organic frameworks as electrode materials for rechargeable metal <sup>+</sup> ion batteries. , 2023, 2, 231-259.		14
355	Effects of molecular structure and functional groups on the performance of carbonyl organic compounds as cathodes for aluminum batteries. <i>Chemical Engineering Journal</i> , 2023, 461, 142045.	6.6	2
356	High Active Material Loading in Organic Electrodes Enabled by an in <sup>situ</sup> Electropolymerized $\Gamma$ -Conjugated Tetrakis (4 <sup>-</sup> Aminophenyl) Porphyrin. <i>Batteries and Supercaps</i> , 2023, 6, .	2.4	3
357	Superhydrophilic All <sup>+</sup> CPH <sup>+</sup> Adaptable Redox Conjugated Porous Polymers as Universal and Ultrarobust Ion Hosts for Diverse Energy Storage with Chemical Self <sup>+</sup> Chargeability. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	1
358	Multiple stable redox states and tunable ground states <i>via</i> the marriage of viologens and Chichibabin's hydrocarbon. <i>Chemical Science</i> , 2023, 14, 3548-3553.	3.7	5
359	A critical review on the properties and energy storage applications of graphene oxide/layered double hydroxides and graphene oxide/MXenes. <i>Journal of Power Sources</i> , 2023, 564, 232870.	4.0	16
360	Stabilizing Redox <sup>+</sup> Active Hexaazatriphenylene in a 2D Conductive Metal <sup>+</sup> Organic Framework for Improved Lithium Storage Performance. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	14
361	Research progress of $\epsilon$ -rocking chair <sup>+</sup> -type zinc-ion batteries with zinc metal-free anodes. <i>Chinese Chemical Letters</i> , 2023, 34, 108307.	4.8	9
362	Nanostructured Conducting Polymers and Their Applications in Energy Storage Devices. <i>Polymers</i> , 2023, 15, 1450.	2.0	12
363	Fusing Thiadiazole and Terephthalate: A Concept to Promote the Electrochemical Performance of Conjugated Dicarboxylates. <i>ChemSusChem</i> , 2023, 16, .	3.6	2
364	Heterogeneous intercalated metal-organic framework active materials for fast-charging non-aqueous Li-ion capacitors. <i>Nature Communications</i> , 2023, 14, .	5.8	8

#	ARTICLE	IF	CITATIONS
365	Mass Transfer Behaviors and Battery Performance of a Ferrocyanide-Based Organic Redox Flow Battery with Different Electrode Shapes. <i>Energies</i> , 2023, 16, 2846.	1.6	1
366	A bipolar porphyrin molecule for stable dual-ion symmetric batteries with high potential. <i>Chemical Communications</i> , 2023, 59, 4962-4965.	2.2	1
367	A Recyclable and Scalable High-Capacity Organic Battery. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	1
368	Metal Phosphates/Phosphonates for Supercapacitor Applications. <i>Engineering Materials</i> , 2023, , 245-266.	0.3	0
369	A Recyclable and Scalable High-Capacity Organic Battery. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	22
370	A self-charging salt water battery for antitumor therapy. <i>Science Advances</i> , 2023, 9, .	4.7	13
371	Organic Electrode Materials and Engineering for Electrochemical Energy Storage. <i>Batteries and Supercaps</i> , 2023, 6, .	2.4	4
372	All-organic aqueous batteries consisting of quinone-hydroquinone derivatives with proton/aluminum-ion co-insertion mechanism. <i>Applied Surface Science</i> , 2023, 625, 157174.	3.1	3
373	Diviologen-Functionalized Poly(arylene ether ketone)s with Improved Stability and Rate Performance for Polymer Batteries. <i>ACS Applied Energy Materials</i> , 2023, 6, 4475-4486.	2.5	1
374	Electrochemical deoxygenative arylation of aldehydes and ketones. <i>Chemical Communications</i> , 2023, 59, 5587-5590.	2.2	2
375	Anion-Dependent Redox Chemistry of p-Type Poly(vinylidimethylphenazine) Cathode Materials. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	0
376	Reconstruction of helmholtz plane to stabilize zinc metal anode/electrolyte interface. <i>Energy Storage Materials</i> , 2023, 59, 102774.	9.5	12
377	High-rate, high-capacity electrochemical energy storage in hydrogen-bonded fused aromatics. <i>Joule</i> , 2023, 7, 986-1002.	11.7	8
378	Modulating Entropic Driving Forces to Promote High Lithium Mobility in Solid Organic Electrolytes. <i>Chemistry of Materials</i> , 0, , .	3.2	1
379	Lithium Ferrocyanide Catholyte for High-Energy and Low-Cost Aqueous Redox Flow Batteries**. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	5
380	Lithium Ferrocyanide Catholyte for High-Energy and Low-Cost Aqueous Redox Flow Batteries. <i>Angewandte Chemie</i> , 0, , .	1.6	0
381	Recent Progress on the Electrochemical Difunctionalization of Alkenes/Alkynes. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 4169.	0.6	7
394	Progress of Photocapacitors. <i>Chemical Reviews</i> , 2023, 123, 9327-9355.	23.0	11

#	ARTICLE	IF	CITATIONS
405	An Intelligent Innovation of Electrochemical Energy Based Smart Industrial Automation. , 2023, , .		0
422	Advances and prospects of porphyrin derivatives in the energy field. RSC Advances, 2023, 13, 24699-24730.	1.7	0
424	Structural design of organic battery electrode materials: from DFT to artificial intelligence. Rare Metals, 2023, 42, 3269-3303.	3.6	1
425	Small-molecule organic electrode materials for rechargeable batteries. Science China Chemistry, 2023, 66, 3070-3104.	4.2	6
431	Sustainable stretchable batteries for next-generation wearables. Journal of Materials Chemistry A, 0, , .	5.2	0
432	Aggregation behaviour of pyrene-based luminescent materials, from molecular design and optical properties to application. Chemical Society Reviews, 2023, 52, 6715-6753.	18.7	26
437	On Energy Storage Chemistry of Aqueous Zn-Ion Batteries: From Cathode to Anode. Electrochemical Energy Reviews, 2023, 6, .	13.1	7
453	Tuning the electrochemical performance of covalent organic framework cathodes for Li- and Mg-based batteries: the influence of electrolyte and binder. Journal of Materials Chemistry A, 2023, 11, 21553-21560.	5.2	2
463	A simple route to functionalized porous carbon foams from carbon nanodots for metal-free pseudocapacitors. Materials Horizons, 2024, 11, 688-699.	6.4	0
478	Reversible and high-density energy storage with polymers populated with bistable redox sites. Polymer Journal, 2024, 56, 127-144.	1.3	0
482	Breaking boundaries: advancements in solid-state redox mediators for decoupled water electrolysis. Journal of Materials Chemistry A, 2024, 12, 4363-4382.	5.2	0