Junmin Nan

List of Publications by Year
in descending order

113	4,133	109321	133252
papers	citations	35 h-index	59 g-index

113	113	113	4675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxygen-rich bismuth oxyhalides: generalized one-pot synthesis, band structures and visible-light photocatalytic properties. Journal of Materials Chemistry, 2012, 22, 22840.	6.7	268
2	Quinone Electrode Materials for Rechargeable Lithium/Sodium Ion Batteries. Advanced Energy Materials, 2017, 7, 1700278.	19.5	268
3	Solvothermal synthesis of novel hierarchical Bi4O5I2 nanoflakes with highly visible light photocatalytic performance for the degradation of 4-tert-butylphenol. Applied Catalysis B: Environmental, 2014, 148-149, 154-163.	20.2	238
4	Effect of tris(trimethylsilyl)borate on the high voltage capacity retention of LiNi0.5Co0.2Mn0.3O2/graphite cells. Journal of Power Sources, 2013, 229, 308-312.	7.8	137
5	From spent graphite to amorphous sp 2 +sp 3 carbon-coated sp 2 graphite for high-performance lithium ion batteries. Journal of Power Sources, 2018, 376, 91-99.	7.8	137
6	Deficient Bi24O31Br10 as a highly efficient photocatalyst for selective oxidation of benzyl alcohol into benzaldehyde under blue LED irradiation. Applied Catalysis B: Environmental, 2018, 228, 142-151.	20.2	104
7	Crack-free single-crystal LiNi0.83Co0.10Mn0.07O2 as cycling/thermal stable cathode materials for high-voltage lithium-ion batteries. Electrochimica Acta, 2021, 365, 137380.	5.2	96
8	Microwave-assisted synthesis of hierarchical Bi7O9I3 microsheets for efficient photocatalytic degradation of bisphenol-A under visible light irradiation. Chemical Engineering Journal, 2012, 209, 293-300.	12.7	95
9	Rapid microwave synthesis of I-doped Bi4O5Br2 with significantly enhanced visible-light photocatalysis for degradation of multiple parabens. Applied Catalysis B: Environmental, 2017, 218, 398-408.	20.2	93
10	Discussion on the reaction mechanism of the photocatalytic degradation of organic contaminants from a viewpoint of semiconductor photo-induced electrocatalysis. Applied Catalysis B: Environmental, 2016, 198, 124-132.	20.2	84
11	Lithium bisoxalatodifluorophosphate (LiBODFP) as a multifunctional electrolyte additive for 5ÂV LiNi_{0.5}Mn_{1.5}O₄-based lithium-ion batteries with enhanced electrochemical performance. Journal of Materials Chemistry A, 2019, 7, 8292-8301.	10.3	82
12	Amperometric nonenzymatic determination of glucose based on a glassy carbon electrode modified with nickel(II) oxides and graphene. Mikrochimica Acta, 2013, 180, 477-483.	5.0	80
13	Recycling spent zinc manganese dioxide batteries through synthesizing Znâ€“Mn ferrite magnetic materials. Journal of Hazardous Materials, 2006, 133, 257-261.	12.4	78
14	Copper oxide and carbon nano-fragments modified glassy carbon electrode as selective electrochemical sensor for simultaneous determination of catechol and hydroquinone in real-life water samples. Journal of Electroanalytical Chemistry, 2018, 815, 68-75.	3.8	71
15	2,3,4,5,6-Pentafluorophenyl Methanesulfonate as a Versatile Electrolyte Additive Matches LiNi_{0.5}Co_{0.2}Mn_{0.3}O₂/Graphite Batteries Working in a Wide-Temperature Range. ACS Applied Materials & Interfaces, 2018, 10, 31735-31744.	8.0	71
16	Al2O3/PVdF-HFP-CMC/PE separator prepared using aqueous slurry and post-hot-pressing method for polymer lithium-ion batteries with enhanced safety. Electrochimica Acta, 2016, 212, 416-425.	5.2	70
17	Hydrothermal Preparation of Photoluminescent Graphene Quantum Dots Characterized Excitationâ€Independent Emission and its Application as a Bioimaging Reagent. Particle and Particle Systems Characterization, 2014, 31, 801-809.	2.3	67
18	Electrochemical chiral recognition of tryptophan using a glassy carbon electrode modified with Î²-cyclodextrin and graphene. Mikrochimica Acta, 2014, 181, 501-509.	5.0	66

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19	A poly(vinylidene fluoride)/ethyl cellulose and amino-functionalized nano-SiO2 composite coated separator for 5â€Ÿ high-voltage lithium-ion batteries with enhanced performance. Journal of Power Sources, 2018, 407, 44-52.	7.8	66
20	Iodine self-doping and oxygen vacancies doubly surface-modified BiOIO3: Facile in situ synthesis, band gap modulation, and excellent visible-light photocatalytic activity. Chemical Engineering Journal, 2019, 373, 935-945.	12.7	66
21	Diphenyl disulfide as a new bifunctional film-forming additive for high-voltage LiCoO2/graphite battery charged to 4.4ÂV. Journal of Power Sources, 2016, 323, 29-36.	7.8	60
22	Small-molecule surface-modified bismuth-based semiconductors as a new class of visible-light-driven photocatalytic materials: Structure-dependent photocatalytic properties and photosensitization mechanism. Chemical Engineering Journal, 2020, 380, 122546.	12.7	58
23	One-pot synthesis of micro/nano structured Î²-Bi₂O₃ with tunable morphology for highly efficient photocatalytic degradation of methylparaben under visible-light irradiation. RSC Advances, 2015, 5, 38373-38381.	3.6	57
24	Synthesis of the electrochemically stable sulfur-doped bamboo charcoal as the anode material of potassium-ion batteries. Journal of Power Sources, 2020, 448, 227572.	7.8	56
25	Lithium difluorophosphate as a multi-functional electrolyte additive for 4.4 V LiNi0.5Co0.2Mn0.3O2/graphite lithium ion batteries. Journal of Electroanalytical Chemistry, 2019, 846, 113141.	3.8	54
26	Self-supporting ethyl cellulose/poly(vinylidene fluoride) blended gel polymer electrolyte for 5â€Ÿ high-voltage lithium-ion batteries. Electrochimica Acta, 2018, 271, 582-590.	5.2	51
27	Flower-like Bi₄O₅I₂/Bi₅O₇I nanocomposite: facile hydrothermal synthesis and efficient photocatalytic degradation of propylparaben under visible-light irradiation. RSC Advances, 2016, 6, 44552-44560.	3.6	49
28	Polyethylene-supported ultra-thin polyvinylidene fluoride/hydroxyethyl cellulose blended polymer electrolyte for 5ÂV high voltage lithium ion batteries. Journal of Materials Chemistry A, 2018, 6, 1496-1503.	10.3	47
29	3-(Phenylsulfonyl)propionitrile as a higher voltage bifunctional electrolyte additive to improve the performance of lithium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 14725-14733.	10.3	46
30	1-ethyl-3-methylimidazolium tetrafluoroborate (EMI-BF4) as an ionic liquid-type electrolyte additive to enhance the low-temperature performance of LiNi0.5Co0.2Mn0.3O2/graphite batteries. Electrochimica Acta, 2019, 317, 146-154.	5.2	46
31	Novel water-soluble multi-nanopore graphene modified glassy carbon electrode for simultaneous determination of dopamine and uric acid in the presence of ascorbic acid. Electrochimica Acta, 2014, 143, 366-373.	5.2	42
32	A reconstructed graphite-like carbon micro/nano-structure with higher capacity and comparative voltage plateau of graphite. Journal of Materials Chemistry A, 2016, 4, 11462-11471.	10.3	41
33	Delayed Phase Transition and Improved Cycling/Thermal Stability by Spinel LiNi_{0.5}Mn_{1.5}O₄ Modification for LiCoO₂ Cathode at High Voltages. ACS Applied Materials & Interfaces, 2020, 12, 27339-27349.	8.0	41
34	Electrochemical behavior and simultaneous determination of catechol, resorcinol, and hydroquinone using thermally reduced carbon nano-fragment modified glassy carbon electrode. Analytical Methods, 2016, 8, 605-613.	2.7	37
35	Nonflammable functional electrolytes with all-fluorinated solvents matching rechargeable high-voltage Li-metal batteries with Ni-rich ternary cathode. Journal of Power Sources, 2021, 505, 230055.	7.8	37
36	Functional composite polymer electrolytes with imidazole modified SiO2 nanoparticles for high-voltage cathode lithium ion batteries. Electrochimica Acta, 2019, 320, 134567.	5.2	36

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37	Electrocatalytic oxidation and simultaneous determination of catechol and hydroquinone at a novel carbon nano-fragment modified glassy carbon electrode. Analytical Methods, 2013, 5, 2203.	2.7	35
38	Heteroaromatic organic compound with conjugated multi-carbonyl as cathode material for rechargeable lithium batteries. Scientific Reports, 2016, 6, 23515.	3.3	34
39	Three-Dimensional Rigidity-Reinforced SiO_x Anodes with Stabilized Performance Using an Aqueous Multicomponent Binder Technology. ACS Applied Materials & Interfaces, 2019, 11, 26038-26046.	8.0	34
40	Sulfur-containing C2H2O8S2 molecules as an overall-functional electrolyte additive for high-voltage LiNi0.5Co0.2Mn0.3O2/graphite batteries with enhanced performance. Journal of Power Sources, 2020, 470, 228462.	7.8	34
41	Nanosized Amorphous SnO₂ Particles Anchored in the Wheat Straw Carbon Substrate as the Stabilized Anode Material of Lithium-Ion Batteries. ACS Applied Energy Materials, 2018, 1, 7065-7075.	5.1	31
42	Dual-iodine-doped BiOIO3: Bulk and surface coâ€“modification for enhanced visible-light photocatalytic removal of bisphenol AF. Chemical Engineering Journal, 2021, 404, 126543.	12.7	31
43	1H,1H,5H-Perfluoropentyl-1,1,2,2-tetrafluoroethylether as a co-solvent for high voltage LiNi1/3Co1/3Mn1/3O2/graphite cells. Journal of Power Sources, 2016, 307, 772-781.	7.8	30
44	LiCoO2@LiNi0.45Al0.05Mn0.5O2 as high-voltage lithium-ion battery cathode materials with improved cycling performance and thermal stability. Electrochimica Acta, 2019, 327, 135018.	5.2	30
45	A glassy carbon electrode modified with electrochemically reduced graphene for simultaneous determination of guanine and adenine. Analytical Methods, 2012, 4, 2935.	2.7	29
46	Low Dielectric Polyimide/Fluorinated Ethylene Propylene (PI/FEP) Nanocomposite Film for Highâ€Frequency Flexible Circuit Board Application. Macromolecular Materials and Engineering, 2021, 306, 2100086.	3.6	29
47	A glassy carbon electrode modified with carbon nano-fragments and bismuth oxide for electrochemical analysis of trace catechol in the presence of high concentrations of hydroquinone. Mikrochimica Acta, 2016, 183, 3293-3301.	5.0	27
48	(Phenylsulfonyl)acetonitrile as a High-Voltage Electrolyte Additive to Form a Sulfide Solid Electrolyte Interface Film to Improve the Performance of Lithium-Ion Batteries. Journal of Physical Chemistry C, 2019, 123, 12161-12168.	3.1	27
49	Effect of diphenyl disulfide as an additive on the electrochemical performance of Li1.2Mn0.54Ni0.13Co0.13O2/graphite batteries at elevated temperature. Electrochimica Acta, 2017, 245, 705-714.	5.2	26
50	Electrochemical determination of nonylphenol using differential pulse voltammetry based on a grapheneâ€“DNA-modified glassy carbon electrode. Journal of Electroanalytical Chemistry, 2013, 703, 153-157.	3.8	25
51	Polyfurfural-Electrochemically Reduced Graphene Oxide Modified Glassy Carbon Electrode for the Direct Determination of Nitrofurazone. Analytical Letters, 2018, 51, 728-741.	1.8	25
52	A Heat-Resistant Poly(oxyphenylene benzimidazole)/Ethyl Cellulose Blended Polymer Membrane for Highly Safe Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 637-645.	8.0	25
53	Preparation, characterization and electrochemical properties of a graphene-like carbon nano-fragment material. Electrochimica Acta, 2014, 130, 156-163.	5.2	23
54	Preparation and performance of the polyethylene-supported polyvinylidene fluoride/cellulose acetate butyrate/nano-SiO2 particles blended gel polymer electrolyte. Ionics, 2016, 22, 2123-2132.	2.4	23

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55	3D-Flower-Like Copper Sulfide Nanoflake-Decorated Carbon Nanofragments-Modified Glassy Carbon Electrodes for Simultaneous Electrocatalytic Sensing of Co-existing Hydroquinone and Catechol. Sensors, 2019, 19, 2289.	3.8	23
56	Comprehensive Insight into the Probability of Cyclotriphosphazene Derivatives as the Functional Electrolyte Additives in Lithium-Ion Batteries: Which Is Better and Why?. ACS Applied Energy Materials, 2021, 4, 7101-7111.	5.1	23
57	<scp>l</scp>-Asparagine-assisted synthesis of flower-like Î²-Bi₂O₃ and its photocatalytic performance for the degradation of 4-phenylphenol under visible-light irradiation. RSC Advances, 2015, 5, 74977-74985.	3.6	22
58	From the charge conditions and internal short-circuit strategy to analyze and improve the overcharge safety of LiCoO2/graphite batteries. Electrochimica Acta, 2018, 282, 295-303.	5.2	22
59	Safety influences of the Al and Ti elements modified LiCoO2 materials on LiCoO2/graphite batteries under the abusive conditions. Electrochimica Acta, 2019, 295, 703-709.	5.2	22
60	A localized high-concentration electrolyte with lithium bis(fluorosulfonyl) imide (LiFSI) salt and F-containing cosolvents to enhance the performance of Li||LiNi0.8Co0.1Mn0.1O2 lithium metal batteries. Chemical Engineering Journal, 2022, 439, 135534.	12.7	21
61	Self-assembly flower-like porous carbon nanosheet powders for higher lithium-ion storage capacity. Electrochimica Acta, 2015, 184, 308-315.	5.2	20
62	Nonflammable and thermally stable glass fiber/polyacrylate (GFP) separator for lithium-ion batteries with enhanced safety and lifespan. Journal of Power Sources, 2021, 496, 229862.	7.8	19
63	Hexamethylene diisocyanate (HDI)-functionalized electrolyte matching LiNi0Â·6Co0Â·2Mn0Â·2O2/graphite batteries with enhanced performances. Electrochimica Acta, 2020, 352, 136456.	5.2	19
64	1,4-Phenylene diisocyanate (PPDI)-containing low H2O/HF and multi-functional electrolyte for LiNi0Â·6Co0Â·2Mn0Â·2O2/graphite batteries with enhanced performances. Journal of Power Sources, 2021, 483, 229172.	7.8	18
65	A novel membrane based on cellulose acetate nanofibers with a ZrO2 reinforcement layer for advanced sodium-ion batteries. Journal of Membrane Science, 2021, 620, 118917.	8.2	18
66	2-Thiophene sulfonamide (2-TS)-contained multi-functional electrolyte matching high-voltage LiNi0.8Mn0.1Co0.1O2/graphite batteries with enhanced performances. Electrochimica Acta, 2020, 352, 136492.	5.2	18
67	Nitrogen-doped carbon nanosheet coated multilayer graphite as stabilized anode material of potassium-ion batteries with high performances. Electrochimica Acta, 2021, 380, 138254.	5.2	17
68	Reclaiming the spent alkaline zinc manganese dioxide batteries collected from the manufacturers to prepare valuable electrolytic zinc and LiNi0.5Mn1.5O4 materials. Waste Management, 2014, 34, 1793-1799.	7.4	16
69	Nonflammable LiTFSI-Ethylene Carbonate/1,2-Dimethoxyethane Electrolyte for High-Safety Li-ion Batteries. Journal of the Electrochemical Society, 2020, 167, 090520.	2.9	16
70	Adsorptive removal of Ni²⁺ and Cd²⁺ from wastewater using a green longan hull adsorbent. Adsorption Science and Technology, 2018, 36, 762-773.	3.2	15
71	3,3â€Diethylene Diâ€Sulfite (DES) as a Highâ€Voltage Electrolyte Additive for 4.5â€…V LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂/Graphite Batteries with Enhanced Performances. ChemElectroChem, 2021, 8, 745-754.	3.4	14
72	An Electrochemical Sensor Based on Carbon Nano-Fragments and Î²-cyclodextrin Composite-Modified Glassy Carbon Electrode for the Determination of Rutin. Journal of the Electrochemical Society, 2013, 160, H699-H703.	2.9	13

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73	Preparation of re-constructed carbon nanosheet powders and their efficient lithium-ion storage mechanism. Electrochimica Acta, 2015, 174, 1268-1277.	5.2	13
74	Microwave synthesis of iodine-doped bismuth oxychloride microspheres for the visible light photocatalytic removal of toxic hydroxyl-contained intermediates of parabens: catalyst synthesis, characterization, and mechanism insight. Environmental Science and Pollution Research, 2019, 26, 28871-28883.	5.3	13
75	A pore-controllable polyamine (PAI) layer-coated polyolefin (PE) separator for pouch lithium-ion batteries with enhanced safety. Journal of Solid State Electrochemistry, 2020, 24, 843-853.	2.5	13
76	Bifunctional mechanism and electrochemical performance of self-healing nitrile ether electrolyte additives in 4.5 V LiCoO2/artificial graphite lithium-ion batteries. Journal of Power Sources, 2022, 542, 231799.	7.8	12
77	Vinyl ethylene carbonate as an electrolyte additive for high-voltage LiNi0.4Mn0.4Co0.2O2/graphite Li-ion batteries. Ionics, 2016, 22, 201-208.	2.4	11
78	Positiveâ€Temperatureâ€Coefficient Graphite Anode as a Thermal Runaway Firewall to Improve the Safety of LiCoO₂/Graphite Batteries under Abusive Conditions. Energy Technology, 2020, 8, 1901037.	3.8	11
79	Structural engineering of Fe2.8Sn0.2O4@C micro/nano composite as anode material for high-performance lithium ion batteries. Journal of Power Sources, 2020, 468, 228366.	7.8	11
80	1- (P-toluenesulfonyl)imidazole (PTSI) as the novel bifunctional electrolyte for LiCoO2-based cells with improved performance at high voltage. Journal of Power Sources, 2021, 491, 229596.	7.8	11
81	Efficient and effective removal of emerging contaminants through the parallel coupling of rapid adsorption and photocatalytic degradation: A case study of fluoroquinolones. Chemosphere, 2021, 280, 130770.	8.2	11
82	An Experimental Investigation of Quasireversible Maximum of Azobenzene on Mercury Electrode by Fourier Transformed Squareâ€Wave Voltammetry. Electroanalysis, 2009, 21, 755-761.	2.9	10
83	Preparation and Characterization of the Fluorescent Carbon Dots Derived from the Lithiumâ€Intercalated Graphite used for Cell Imaging. Particle and Particle Systems Characterization, 2014, 31, 771-777.	2.3	10
84	A Four-Layers Hamburger-Structure PVDF-HFP/Al₂O₃/PE/PVDF-HFP Composite Separator for Pouch Lithium-Ion Batteries with Enhanced Safety and Reliability. Journal of the Electrochemical Society, 2020, 167, 090507.	2.9	10
85	Isocyanoethyl Methacrylate (IMA) as a Bifunctional Electrolyte Additive for LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂/Graphite Batteries with Enhanced Performance. ChemElectroChem, 2021, 8, 3716-3725.	3.4	10
86	Three-dimensional nitrogenâ€“sulfur codoped layered porous carbon nanosheets with sulfur-regulated nitrogen content as a high-performance anode material for potassium-ion batteries. Dalton Transactions, 2020, 49, 5108-5120.	3.3	9
87	Mechanistic insights into the formation of surface oxygen vacancies with controllable concentration and long-term stability in small-molecule bonded bismuth-based semiconductor hybrid photocatalyst. Journal of Colloid and Interface Science, 2022, 625, 109-118.	9.4	9
88	Preparation of Flexible Selfâ€Supporting 3D SiO x â€Based Membrane Anodes with Stabilized Electrochemical Performances for Lithiumâ€Ion Batteries. Energy Technology, 2019, 7, 1800635.	3.8	8
89	A Spinel Tin Ferrite with High Lattice-Oxygen Anchored on Graphene-like Porous Carbon Networks for Lithium-Ion Batteries with Super Cycle Stability and Ultra-fast Rate Performances. ACS Applied Materials & Interfaces, 2022, 14, 18393-18408.	8.0	8
90	Microwave Synthesis of Hierarchical BiOCl Microspheres as a Green Adsorbent for the pH-Dependent Adsorption of Methylene Blue. Journal of Nanoscience and Nanotechnology, 2016, 16, 12517-12525.	0.9	7

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91	Co-precipitation spray-drying synthesis and electrochemical performance of stabilized LiNi0.5Mn1.5O4 cathode materials. Journal of Solid State Electrochemistry, 2018, 22, 1963-1969.	2.5	7
92	Flow evaluation of the leaching hazardous materials from spent nickel-cadmium batteries discarded in different water surroundings. Environmental Science and Pollution Research, 2018, 25, 5514-5520.	5.3	7
93	A Nonflammable and Thermally Stable Polyethylene/Glass Fiberâ˜Magnesium Hydroxide/Polyethylene Composite Separator with High Mechanical Strength and Electrolyte Retention to Enhance the Performance of Lithiumâ€Ion Batteries. Energy Technology, 2022, 10, .	3.8	7
94	P-Hydroxybenzoic acid (HBA) as a functional electrolyte additive to regulate the electrode/electrolyte interfacial films and improve the electrochemical performance of lithium metal batteries. Electrochimica Acta, 2022, 414, 140212.	5.2	7
95	1,2,3,4-Tetrakis(2-cyanoethoxy)butane (TCEB)-Assisted Construction of Self-Repair Electrode Interface Films to Improve the Performance of 4.5 V Pouch LiCoO₂/Artificial Graphite Full Cells Operating at 45 Â°C. ACS Applied Materials & Interfaces, 2021, 13, 59925-59936.	8.0	7
96	Oxygen-Defects Functionalized Graphite Nanoplatelets as Electrode Materials for Electrochemical Sensing. Journal of the Electrochemical Society, 2019, 166, B1400-B1407.	2.9	6
97	Space-confined strategy to stabilize the lithium storage in the graphene and silver nanoparticles (AgNPs@GO) composite anode of lithium metal batteries. Materials Letters, 2019, 251, 118-121.	2.6	6
98	Analysis on the constant-current overcharge electrode process and self-protection mechanism of LiCoO2/graphite batteries. Journal of Solid State Electrochemistry, 2019, 23, 407-417.	2.5	5
99	Ion Transfer-Resolved Fusion Impacts of Single Droplets Probed at the Liquid/Liquid Interface. Analytical Chemistry, 2020, 92, 15394-15402.	6.5	5
100	4-Hydroxy-2-Butanesulfonic Acid Gamma-sultone as a Bifunctional Electrolyte Additive for LiCoO₂/Graphite Batteries With Enhanced Performances. ACS Applied Energy Materials, 2021, 4, 5877-5887.	5.1	5
101	SiO_x/C Composite Anode of Lithium-Ion Batteries with Enhanced Performances Using Multicomponent Binders. ACS Omega, 2021, 6, 26805-26813.	3.5	5
102	Thermal Safety and Runaway Blocking Mechanism for Lithium-Ion Batteries through Introducing Nanoscale Magnesium Hydroxide into the LiNi_{0.5}Co_{0.2}Mn_{0.3}O₂ Cathode. ACS Applied Energy Materials, 2021, 4, 12780-12788.	5.1	5
103	Aqueous Lithium Carboxymethyl Cellulose and Polyacrylic Acid/Acrylate Copolymer Composite Binder for the LiNi_{0.5}Mn_{0.3}Co_{0.2}O₂ Cathode of Lithium-Ion Batteries. Journal of the Electrochemical Society, 2022, 169, 010513.	2.9	5
104	Reaction Mechanisms of Sodiumâ€Ion Batteries under Various Charge and Discharge Conditions in a Threeâ€Electrode Setup. ChemElectroChem, 2018, 5, 2475-2481.	3.4	4
105	Lowâ€Cost and Heatâ€Resistant Poly(catechol/polyamine)â€Silica Composite Membrane for Highâ€Performance Lithiumâ€Ion Batteries. ChemElectroChem, 2021, 8, 1369-1376.	3.4	4
106	Interfacial Film Regulation and Electrochemical Performance Using Cyclopropane Sulphonic Amide Functionalized Electrolyte to Stabilize Lithium Metal Batteries with a LiNi_{0.8}Mn_{0.1}Co_{0.1}O₂ Cathode. ACS Applied Energy Materials, 2022, 5, 5053-5063.	5.1	4
107	Electrochemical Performance and Mechanism of Surfaceâ€Fluorinated Fe₃O₄ as Stable Anode for Lithiumâ€Ion Batteries. Energy Technology, 2022, 10, .	3.8	3
108	A New Fluorinated Sultone as Multifunctional Electrolyte Additive for Highâ€Performance LiCoO 2 /Graphite Cell. ChemElectroChem, 2021, 8, 2534-2544.	3.4	2

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109	Performance Degradation of Lithiumâ€ion Batteries with LiNi 0.33 Co 0.33 Mn 0.33 O 2 Cathodes during Longâ€Term, Highâ€Temperature Storage: Behaviors and Mechanism. ChemElectroChem, 2021, 8, 403-410.	3.4	2
110	Ab initio molecular dynamics simulations on the adsorption of 1-hydroxyethane-1,1-diphosphonic acid on the iron (100) surface. New Journal of Chemistry, 2022, 46, 11797-11803.	2.8	1
111	Waterâ€soluble polyacrylate copolymers as green binders of graphite anodes for highâ€energy density lithiumâ€ion pouch cells with enhanced electrochemical and safety performance. ChemElectroChem, 0, , .	3.4	0
112	Mathematical Models for the Performance Degradation of Lithium-Ion Batteries with Different Status of Charge (SOC) in Long-Term High Temperature Storage. Journal of the Electrochemical Society, 2021, 168, 120554.	2.9	0
113	Achieving the Interface Stability of LiMn ₂ O ₄ Cathode Using Aqueous Polyacrylic Acid/acrylate Copolymer and Nanoscale CaCO ₃ to Improve the Highâ€Temperature Cycling and Storage Performance of Lithiumâ€ion Batteries. Energy Technology, 0, , 2200163.	3.8	0