

# Junmin Nan

## List of Publications by Year in descending order

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113  
papers

4,133  
citations

109321

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113  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Nonflammable and Thermally Stable Polyethylene/Glass Fiber~Magnesium Hydroxide/Polyethylene Composite Separator with High Mechanical Strength and Electrolyte Retention to Enhance the Performance of Lithium-Ion Batteries. <i>Energy Technology</i> , 2022, 10, .	3.8	7
2	Aqueous Lithium Carboxymethyl Cellulose and Polyacrylic Acid/Acrylate Copolymer Composite Binder for the LiNi <sub>0.5</sub> Mn <sub>0.3</sub> Co <sub>0.2</sub> O <sub>2</sub> Cathode of Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2022, 169, 010513.	2.9	5
3	Electrochemical Performance and Mechanism of Surface-Fluorinated Fe <sub>3</sub> O <sub>4</sub> as Stable Anode for Lithium-Ion Batteries. <i>Energy Technology</i> , 2022, 10, .	3.8	3
4	Interfacial Film Regulation and Electrochemical Performance Using Cyclopropane Sulphonic Amide Functionalized Electrolyte to Stabilize Lithium Metal Batteries with a LiNi <sub>0.8</sub> Mn <sub>0.1</sub> Co <sub>0.1</sub> O <sub>2</sub> Cathode. <i>ACS Applied Energy Materials</i> , 2022, 5, 5053-5063.	5.1	4
5	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. <i>Electrochimica Acta</i> , 2022, 414, 140212.	5.2	7
6	A localized high-concentration electrolyte with lithium bis(fluorosulfonyl) imide (LiFSI) salt and F-containing cosolvents to enhance the performance of Li   LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> lithium metal batteries. <i>Chemical Engineering Journal</i> , 2022, 439, 135534.	12.7	21
7	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. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 18393-18408.	8.0	8
8	<i>Ab initio</i> molecular dynamics simulations on the adsorption of 1-hydroxyethane-1,1-diphosphonic acid on the iron (100) surface. <i>New Journal of Chemistry</i> , 2022, 46, 11797-11803.	2.8	1
9	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. <i>Journal of Colloid and Interface Science</i> , 2022, 625, 109-118.	9.4	9
10	Bifunctional mechanism and electrochemical performance of self-healing nitrile ether electrolyte additives in 4.5 V LiCoO <sub>2</sub> /artificial graphite lithium-ion batteries. <i>Journal of Power Sources</i> , 2022, 542, 231799.	7.8	12
11	Dual-iodine-doped BiOIO <sub>3</sub> : Bulk and surface co-modification for enhanced visible-light photocatalytic removal of bisphenol AF. <i>Chemical Engineering Journal</i> , 2021, 404, 126543.	12.7	31
12	1,4-Phenylene diisocyanate (PPDI)-containing low H <sub>2</sub> O/HF and multi-functional electrolyte for LiNi <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> O <sub>2</sub> /graphite batteries with enhanced performances. <i>Journal of Power Sources</i> , 2021, 483, 229172.	7.8	18
13	A novel membrane based on cellulose acetate nanofibers with a ZrO <sub>2</sub> reinforcement layer for advanced sodium-ion batteries. <i>Journal of Membrane Science</i> , 2021, 620, 118917.	8.2	18
14	Crack-free single-crystal LiNi <sub>0.83</sub> Co <sub>0.10</sub> Mn <sub>0.07</sub> O <sub>2</sub> as cycling/thermal stable cathode materials for high-voltage lithium-ion batteries. <i>Electrochimica Acta</i> , 2021, 365, 137380.	5.2	96
15	3,3-Diethylene Di-sulfite (DES) as a High-Voltage Electrolyte Additive for 4.5 V LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> /Graphite Batteries with Enhanced Performances. <i>ChemElectroChem</i> , 2021, 8, 745-754.	3.4	14
16	Low Dielectric Polyimide/Fluorinated Ethylene Propylene (PI/FEP) Nanocomposite Film for High-Frequency Flexible Circuit Board Application. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100086.	3.6	29
17	Low-Cost and Heat-Resistant Poly(catechol/polyamine)-Silica Composite Membrane for High-Performance Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2021, 8, 1369-1376.	3.4	4
18	1-(P-toluenesulfonyl)imidazole (PTSI) as the novel bifunctional electrolyte for LiCoO <sub>2</sub> -based cells with improved performance at high voltage. <i>Journal of Power Sources</i> , 2021, 491, 229596.	7.8	11

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19	4-Hydroxy-2-Butanesulfonic Acid Gamma-sultone as a Bifunctional Electrolyte Additive for LiCoO <sub>2</sub> /Graphite Batteries With Enhanced Performances. ACS Applied Energy Materials, 2021, 4, 5877-5887.	5.1	5
20	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
21	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
22	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
23	A New Fluorinated Sultone as Multifunctional Electrolyte Additive for High-Performance LiCoO <sub>2</sub> /Graphite Cell. ChemElectroChem, 2021, 8, 2534-2544.	3.4	2
24	Isocyanatoethyl Methacrylate (IMA) as a Bifunctional Electrolyte Additive for LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> /Graphite Batteries with Enhanced Performance. ChemElectroChem, 2021, 8, 3716-3725.	3.4	10
25	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
26	SiO <sub>2</sub> /C Composite Anode of Lithium-Ion Batteries with Enhanced Performances Using Multicomponent Binders. ACS Omega, 2021, 6, 26805-26813.	3.5	5
27	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
28	Performance Degradation of Lithium-Ion Batteries with LiNi <sub>0.33</sub> Co <sub>0.33</sub> Mn <sub>0.33</sub> O <sub>2</sub> Cathodes during Long-Term, High-Temperature Storage: Behaviors and Mechanism. ChemElectroChem, 2021, 8, 403-410.	3.4	2
29	Thermal Safety and Runaway Blocking Mechanism for Lithium-Ion Batteries through Introducing Nanoscale Magnesium Hydroxide into the LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> Cathode. ACS Applied Energy Materials, 2021, 4, 12780-12788.	5.1	5
30	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
31	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 LiCoO <sub>2</sub> /Artificial Graphite Full Cells Operating at 45 °C. ACS Applied Materials & Interfaces, 2021, 13, 59925-59936.	8.0	7
32	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
33	Positive-Temperature-Coefficient Graphite Anode as a Thermal Runaway Firewall to Improve the Safety of LiCoO <sub>2</sub> /Graphite Batteries under Abusive Conditions. Energy Technology, 2020, 8, 1901037.	3.8	11
34	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
35	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
36	Ion Transfer-Resolved Fusion Impacts of Single Droplets Probed at the Liquid/Liquid Interface. Analytical Chemistry, 2020, 92, 15394-15402.	6.5	5

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37	Structural engineering of Fe <sub>2.8</sub> Sn <sub>0.2</sub> O <sub>4</sub> @C micro/nano composite as anode material for high-performance lithium ion batteries. <i>Journal of Power Sources</i> , 2020, 468, 228366.	7.8	11
38	Delayed Phase Transition and Improved Cycling/Thermal Stability by Spinel LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> Modification for LiCoO <sub>2</sub> Cathode at High Voltages. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 27339-27349.	8.0	41
39	Sulfur-containing C <sub>2</sub> H <sub>2</sub> O <sub>8</sub> S <sub>2</sub> molecules as an overall-functional electrolyte additive for high-voltage LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> /graphite batteries with enhanced performance. <i>Journal of Power Sources</i> , 2020, 470, 228462.	7.8	34
40	Three-dimensional nitrogen-sulfur codoped layered porous carbon nanosheets with sulfur-regulated nitrogen content as a high-performance anode material for potassium-ion batteries. <i>Dalton Transactions</i> , 2020, 49, 5108-5120.	3.3	9
41	A pore-controllable polyamine (PAI) layer-coated polyolefin (PE) separator for pouch lithium-ion batteries with enhanced safety. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 843-853.	2.5	13
42	A Four-Layers Hamburger-Structure PVDF-HFP/Al <sub>2</sub> O <sub>3</sub> /PE/PVDF-HFP Composite Separator for Pouch Lithium-Ion Batteries with Enhanced Safety and Reliability. <i>Journal of the Electrochemical Society</i> , 2020, 167, 090507.	2.9	10
43	Nonflammable LiTFSI-Ethylene Carbonate/1,2-Dimethoxyethane Electrolyte for High-Safety Li-ion Batteries. <i>Journal of the Electrochemical Society</i> , 2020, 167, 090520.	2.9	16
44	Hexamethylene diisocyanate (HDI)-functionalized electrolyte matching LiNi <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> O <sub>2</sub> /graphite batteries with enhanced performances. <i>Electrochimica Acta</i> , 2020, 352, 136456.	5.2	19
45	2-Thiophene sulfonamide (2-TS)-contained multi-functional electrolyte matching high-voltage LiNi <sub>0.8</sub> Mn <sub>0.1</sub> Co <sub>0.1</sub> O <sub>2</sub> /graphite batteries with enhanced performances. <i>Electrochimica Acta</i> , 2020, 352, 136492.	5.2	18
46	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. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28871-28883.	5.3	13
47	Functional composite polymer electrolytes with imidazole modified SiO <sub>2</sub> nanoparticles for high-voltage cathode lithium ion batteries. <i>Electrochimica Acta</i> , 2019, 320, 134567.	5.2	36
48	LiCoO <sub>2</sub> @LiNi <sub>0.45</sub> Al <sub>0.05</sub> Mn <sub>0.5</sub> O <sub>2</sub> as high-voltage lithium-ion battery cathode materials with improved cycling performance and thermal stability. <i>Electrochimica Acta</i> , 2019, 327, 135018.	5.2	30
49	Oxygen-Defects Functionalized Graphite Nanoplatelets as Electrode Materials for Electrochemical Sensing. <i>Journal of the Electrochemical Society</i> , 2019, 166, B1400-B1407.	2.9	6
50	3D-Flower-Like Copper Sulfide Nanoflake-Decorated Carbon Nanofragments-Modified Glassy Carbon Electrodes for Simultaneous Electrocatalytic Sensing of Co-existing Hydroquinone and Catechol. <i>Sensors</i> , 2019, 19, 2289.	3.8	23
51	Three-Dimensional Rigidity-Reinforced SiO <sub>x</sub> Anodes with Stabilized Performance Using an Aqueous Multicomponent Binder Technology. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 26038-26046.	8.0	34
52	1-ethyl-3-methylimidazolium tetrafluoroborate (EMI-BF <sub>4</sub> ) as an ionic liquid-type electrolyte additive to enhance the low-temperature performance of LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> /graphite batteries. <i>Electrochimica Acta</i> , 2019, 317, 146-154.	5.2	46
53	Space-confined strategy to stabilize the lithium storage in the graphene and silver nanoparticles (AgNPs@GO) composite anode of lithium metal batteries. <i>Materials Letters</i> , 2019, 251, 118-121.	2.6	6
54	Lithium difluorophosphate as a multi-functional electrolyte additive for 4.4 V LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> /graphite lithium ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2019, 846, 113141.	3.8	54

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55	Iodine self-doping and oxygen vacancies doubly surface-modified BiOIO <sub>3</sub> : Facile in situ synthesis, band gap modulation, and excellent visible-light photocatalytic activity. <i>Chemical Engineering Journal</i> , 2019, 373, 935-945.	12.7	66
56	(Phenylsulfonyl)acetonitrile as a High-Voltage Electrolyte Additive to Form a Sulfide Solid Electrolyte Interface Film to Improve the Performance of Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12161-12168.	3.1	27
57	Lithium bisoxalatodifluorophosphate (LiBODFP) as a multifunctional electrolyte additive for 5ÅV LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> -based lithium-ion batteries with enhanced electrochemical performance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8292-8301.	10.3	82
58	Analysis on the constant-current overcharge electrode process and self-protection mechanism of LiCoO <sub>2</sub> /graphite batteries. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 407-417.	2.5	5
59	Preparation of Flexible Self-Supporting 3D SiO <sub>x</sub> -Based Membrane Anodes with Stabilized Electrochemical Performances for Lithium-Ion Batteries. <i>Energy Technology</i> , 2019, 7, 1800635.	3.8	8
60	Safety influences of the Al and Ti elements modified LiCoO <sub>2</sub> materials on LiCoO <sub>2</sub> /graphite batteries under the abusive conditions. <i>Electrochimica Acta</i> , 2019, 295, 703-709.	5.2	22
61	Co-precipitation spray-drying synthesis and electrochemical performance of stabilized LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> cathode materials. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1963-1969.	2.5	7
62	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. <i>Journal of Electroanalytical Chemistry</i> , 2018, 815, 68-75.	3.8	71
63	Deficient Bi <sub>24</sub> O <sub>31</sub> Br <sub>10</sub> as a highly efficient photocatalyst for selective oxidation of benzyl alcohol into benzaldehyde under blue LED irradiation. <i>Applied Catalysis B: Environmental</i> , 2018, 228, 142-151.	20.2	104
64	Self-supporting ethyl cellulose/poly(vinylidene fluoride) blended gel polymer electrolyte for 5ÅV high-voltage lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 271, 582-590.	5.2	51
65	Adsorptive removal of Ni <sup>2+</sup> and Cd <sup>2+</sup> from wastewater using a green longan hull adsorbent. <i>Adsorption Science and Technology</i> , 2018, 36, 762-773.	3.2	15
66	Polyfurfural-Electrochemically Reduced Graphene Oxide Modified Glassy Carbon Electrode for the Direct Determination of Nitrofurazone. <i>Analytical Letters</i> , 2018, 51, 728-741.	1.8	25
67	Polyethylene-supported ultra-thin polyvinylidene fluoride/hydroxyethyl cellulose blended polymer electrolyte for 5ÅV high voltage lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1496-1503.	10.3	47
68	From spent graphite to amorphous sp <sup>2</sup> +sp <sup>3</sup> carbon-coated sp <sup>2</sup> graphite for high-performance lithium ion batteries. <i>Journal of Power Sources</i> , 2018, 376, 91-99.	7.8	137
69	Flow evaluation of the leaching hazardous materials from spent nickel-cadmium batteries discarded in different water surroundings. <i>Environmental Science and Pollution Research</i> , 2018, 25, 5514-5520.	5.3	7
70	Nanosized Amorphous SnO <sub>2</sub> Particles Anchored in the Wheat Straw Carbon Substrate as the Stabilized Anode Material of Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2018, 1, 7065-7075.	5.1	31
71	A poly(vinylidene fluoride)/ethyl cellulose and amino-functionalized nano-SiO <sub>2</sub> composite coated separator for 5ÅV high-voltage lithium-ion batteries with enhanced performance. <i>Journal of Power Sources</i> , 2018, 407, 44-52.	7.8	66
72	3-(Phenylsulfonyl)propionitrile as a higher voltage bifunctional electrolyte additive to improve the performance of lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14725-14733.	10.3	46

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73	2,3,4,5,6-Pentafluorophenyl Methanesulfonate as a Versatile Electrolyte Additive Matches $\text{LiNi}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}\text{O}_2$ /Graphite Batteries Working in a Wide-Temperature Range. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 31735-31744.	8.0	71
74	Reaction Mechanisms of Sodium-Ion Batteries under Various Charge and Discharge Conditions in a Three-Electrode Setup. <i>ChemElectroChem</i> , 2018, 5, 2475-2481.	3.4	4
75	From the charge conditions and internal short-circuit strategy to analyze and improve the overcharge safety of $\text{LiCoO}_2$ /graphite batteries. <i>Electrochimica Acta</i> , 2018, 282, 295-303.	5.2	22
76	Quinone Electrode Materials for Rechargeable Lithium/Sodium Ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700278.	19.5	268
77	Effect of diphenyl disulfide as an additive on the electrochemical performance of $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}\text{O}_2$ /graphite batteries at elevated temperature. <i>Electrochimica Acta</i> , 2017, 245, 705-714.	5.2	26
78	Rapid microwave synthesis of I-doped $\text{Bi}_4\text{O}_5\text{Br}_2$ with significantly enhanced visible-light photocatalysis for degradation of multiple parabens. <i>Applied Catalysis B: Environmental</i> , 2017, 218, 398-408.	20.2	93
79	Preparation and performance of the polyethylene-supported polyvinylidene fluoride/cellulose acetate butyrate/nano- $\text{SiO}_2$ particles blended gel polymer electrolyte. <i>Ionics</i> , 2016, 22, 2123-2132.	2.4	23
80	Diphenyl disulfide as a new bifunctional film-forming additive for high-voltage $\text{LiCoO}_2$ /graphite battery charged to 4.4V. <i>Journal of Power Sources</i> , 2016, 323, 29-36.	7.8	60
81	Discussion on the reaction mechanism of the photocatalytic degradation of organic contaminants from a viewpoint of semiconductor photo-induced electrocatalysis. <i>Applied Catalysis B: Environmental</i> , 2016, 198, 124-132.	20.2	84
82	Flower-like $\text{Bi}_4\text{O}_5\text{I}_2/\text{Bi}_5\text{O}_7$ nanocomposite: facile hydrothermal synthesis and efficient photocatalytic degradation of propylparaben under visible-light irradiation. <i>RSC Advances</i> , 2016, 6, 44552-44560.	3.6	49
83	Microwave Synthesis of Hierarchical $\text{BiOCl}$ Microspheres as a Green Adsorbent for the pH-Dependent Adsorption of Methylene Blue. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 12517-12525.	0.9	7
84	$\text{Al}_2\text{O}_3$ /PVdF-HFP-CMC/PE separator prepared using aqueous slurry and post-hot-pressing method for polymer lithium-ion batteries with enhanced safety. <i>Electrochimica Acta</i> , 2016, 212, 416-425.	5.2	70
85	Heteroaromatic organic compound with conjugated multi-carbonyl as cathode material for rechargeable lithium batteries. <i>Scientific Reports</i> , 2016, 6, 23515.	3.3	34
86	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. <i>Mikrochimica Acta</i> , 2016, 183, 3293-3301.	5.0	27
87	A reconstructed graphite-like carbon micro/nano-structure with higher capacity and comparative voltage plateau of graphite. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11462-11471.	10.3	41
88	Electrochemical behavior and simultaneous determination of catechol, resorcinol, and hydroquinone using thermally reduced carbon nano-fragment modified glassy carbon electrode. <i>Analytical Methods</i> , 2016, 8, 605-613.	2.7	37
89	1H,1H,5H-Perfluoropentyl-1,1,2,2-tetrafluoroethylether as a co-solvent for high voltage $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ /graphite cells. <i>Journal of Power Sources</i> , 2016, 307, 772-781.	7.8	30
90	Vinyl ethylene carbonate as an electrolyte additive for high-voltage $\text{LiNi}_{0.4}\text{Mn}_{0.4}\text{Co}_{0.2}\text{O}_2$ /graphite Li-ion batteries. <i>Ionics</i> , 2016, 22, 201-208.	2.4	11

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91	Preparation of re-constructed carbon nanosheet powders and their efficient lithium-ion storage mechanism. <i>Electrochimica Acta</i> , 2015, 174, 1268-1277.	5.2	13
92	One-pot synthesis of micro/nano structured $\text{Bi}_2\text{O}_3$ with tunable morphology for highly efficient photocatalytic degradation of methylparaben under visible-light irradiation. <i>RSC Advances</i> , 2015, 5, 38373-38381.	3.6	57
93	Self-assembly flower-like porous carbon nanosheet powders for higher lithium-ion storage capacity. <i>Electrochimica Acta</i> , 2015, 184, 308-315.	5.2	20
94	Asparagine-assisted synthesis of flower-like $\text{Bi}_2\text{O}_3$ and its photocatalytic performance for the degradation of 4-phenylphenol under visible-light irradiation. <i>RSC Advances</i> , 2015, 5, 74977-74985.	3.6	22
95	Preparation and Characterization of the Fluorescent Carbon Dots Derived from the Lithium-Intercalated Graphite used for Cell Imaging. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 771-777.	2.3	10
96	Hydrothermal Preparation of Photoluminescent Graphene Quantum Dots Characterized Excitation-Independent Emission and its Application as a Bioimaging Reagent. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 801-809.	2.3	67
97	Solvothermal synthesis of novel hierarchical $\text{Bi}_4\text{O}_5\text{I}_2$ nanoflakes with highly visible light photocatalytic performance for the degradation of 4-tert-butylphenol. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 154-163.	20.2	238
98	Electrochemical chiral recognition of tryptophan using a glassy carbon electrode modified with $\beta$ -cyclodextrin and graphene. <i>Mikrochimica Acta</i> , 2014, 181, 501-509.	5.0	66
99	Novel water-soluble multi-nanopore graphene modified glassy carbon electrode for simultaneous determination of dopamine and uric acid in the presence of ascorbic acid. <i>Electrochimica Acta</i> , 2014, 143, 366-373.	5.2	42
100	Preparation, characterization and electrochemical properties of a graphene-like carbon nano-fragment material. <i>Electrochimica Acta</i> , 2014, 130, 156-163.	5.2	23
101	Reclaiming the spent alkaline zinc manganese dioxide batteries collected from the manufacturers to prepare valuable electrolytic zinc and $\text{LiNi}_0.5\text{Mn}_1.5\text{O}_4$ materials. <i>Waste Management</i> , 2014, 34, 1793-1799.	7.4	16
102	Electrocatalytic oxidation and simultaneous determination of catechol and hydroquinone at a novel carbon nano-fragment modified glassy carbon electrode. <i>Analytical Methods</i> , 2013, 5, 2203.	2.7	35
103	Amperometric nonenzymatic determination of glucose based on a glassy carbon electrode modified with nickel(II) oxides and graphene. <i>Mikrochimica Acta</i> , 2013, 180, 477-483.	5.0	80
104	Electrochemical determination of nonylphenol using differential pulse voltammetry based on a graphene-DNA-modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2013, 703, 153-157.	3.8	25
105	Effect of tris(trimethylsilyl)borate on the high voltage capacity retention of $\text{LiNi}_0.5\text{Co}_0.2\text{Mn}_0.3\text{O}_2$ /graphite cells. <i>Journal of Power Sources</i> , 2013, 229, 308-312.	7.8	137
106	An Electrochemical Sensor Based on Carbon Nano-Fragments and $\beta$ -cyclodextrin Composite-Modified Glassy Carbon Electrode for the Determination of Rutin. <i>Journal of the Electrochemical Society</i> , 2013, 160, H699-H703.	2.9	13
107	Oxygen-rich bismuth oxyhalides: generalized one-pot synthesis, band structures and visible-light photocatalytic properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 22840.	6.7	268
108	Microwave-assisted synthesis of hierarchical $\text{Bi}_7\text{O}_9\text{I}_3$ microsheets for efficient photocatalytic degradation of bisphenol-A under visible light irradiation. <i>Chemical Engineering Journal</i> , 2012, 209, 293-300.	12.7	95

#	ARTICLE	IF	CITATIONS
109	A glassy carbon electrode modified with electrochemically reduced graphene for simultaneous determination of guanine and adenine. <i>Analytical Methods</i> , 2012, 4, 2935.	2.7	29
110	An Experimental Investigation of Quasireversible Maximum of Azobenzene on Mercury Electrode by Fourier Transformed Square-Wave Voltammetry. <i>Electroanalysis</i> , 2009, 21, 755-761.	2.9	10
111	Recycling spent zinc manganese dioxide batteries through synthesizing Zn-Mn ferrite magnetic materials. <i>Journal of Hazardous Materials</i> , 2006, 133, 257-261.	12.4	78
112	Water-soluble polyacrylate copolymers as green binders of graphite anodes for high-energy density lithium-ion pouch cells with enhanced electrochemical and safety performance. <i>ChemElectroChem</i> , 0, , .	3.4	0
113	Achieving the Interface Stability of $\text{LiMn}_2\text{O}_4$ Cathode Using Aqueous Polyacrylic Acid/acrylate Copolymer and Nanoscale $\text{CaCO}_3$ to Improve the High-Temperature Cycling and Storage Performance of Lithium-ion Batteries. <i>Energy Technology</i> , 0, , 2200163.	3.8	0