

# Gang Yang

## List of Publications by Year in descending order

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143  
papers

6,121  
citations

53660

45  
h-index

85405

71  
g-index

143  
all docs

143  
docs citations

143  
times ranked

7402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyaniline/Au Composite Hollow Spheres: Synthesis, Characterization, and Application to the Detection of Dopamine. <i>Langmuir</i> , 2006, 22, 4384-4389.	1.6	335
2	Preparation of Fe <sub>3</sub> O <sub>4</sub> with high specific surface area and improved capacitance as a supercapacitor. <i>Nanoscale</i> , 2013, 5, 3793.	2.8	280
3	Electronic Structure Regulation of Layered Vanadium Oxide via Interlayer Doping Strategy toward Superior High-Rate and Low-Temperature Zinc-Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1907684.	7.8	259
4	Assembly of AgI nanoparticles and ultrathin g-C <sub>3</sub> N <sub>4</sub> nanosheets codecorated Bi <sub>2</sub> WO <sub>6</sub> direct dual Z-scheme photocatalyst: An efficient, sustainable and heterogeneous catalyst with enhanced photocatalytic performance. <i>Chemical Engineering Journal</i> , 2019, 373, 1144-1157.	6.6	199
5	Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /graphene nanocomposites as cathode material for lithium ion batteries. <i>Chemical Communications</i> , 2011, 47, 9110.	2.2	194
6	The doping effect on the crystal structure and electrochemical properties of LiM <sub>n</sub> xM <sub>1-<sup>x</sup></sub> PO <sub>4</sub> (M=Mg.) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	4.0	141
7	Microwave Solid-State Synthesis of LiV <sub>3</sub> O <sub>8</sub> as Cathode Material for Lithium Batteries. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11186-11196.	1.2	135
8	Kinetics of conventional carbon coated-Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> and nanocomposite Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /graphene as cathode materials for lithium ion batteries. <i>Journal of Materials Chemistry</i> , 2012, 22, 11039.	6.7	117
9	In Situ Preparation of Sandwich MoO <sub>3</sub> /C Hybrid Nanostructures for High-Rate and Ultralong-Life Supercapacitors. <i>Advanced Functional Materials</i> , 2015, 25, 1886-1894.	7.8	116
10	Polyaniline-intercalated layered vanadium oxide nanocomposites: One-pot hydrothermal synthesis and application in lithium battery. <i>Nanoscale</i> , 2010, 2, 2131.	2.8	115
11	Porous Hybrid Composites of Few-Layer MoS <sub>2</sub> Nanosheets Embedded in a Carbon Matrix with an Excellent Supercapacitor Electrode Performance. <i>Small</i> , 2015, 11, 6480-6490.	5.2	106
12	Self-Assembly of Polyaniline/Au Composites: From Nanotubes to Nanofibers. <i>Macromolecular Rapid Communications</i> , 2006, 27, 31-36.	2.0	105
13	Li <sub>2</sub> ZrO <sub>3</sub> -coated 0.4Li <sub>2</sub> MnO <sub>3</sub> ·0.6LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> for high performance cathode material in lithium-ion battery. <i>Journal of Power Sources</i> , 2014, 264, 147-154.	4.0	93
14	Real-time temperature measurement with fiber Bragg sensors in lithium batteries for safety usage. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013, 46, 3166-3172.	2.5	85
15	Full microwave synthesis of advanced Li-rich manganese based cathode material for lithium ion batteries. <i>Journal of Power Sources</i> , 2017, 337, 82-91.	4.0	84
16	Investigation of the Structure of MCM-41 Samples with a High Copper Content. <i>Advanced Functional Materials</i> , 2004, 14, 816-820.	7.8	83
17	In situ preparation of SnO <sub>2</sub> @polyaniline nanocomposites and their synergetic structure for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8334.	5.2	83
18	Rapid Self-Assembly Spherical Li <sub>1.2</sub> Mn <sub>0.56</sub> Ni <sub>0.16</sub> Co <sub>0.08</sub> O <sub>2</sub> with Improved Performances by Microwave Hydrothermal Method as Cathode for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 11476-11487.	4.0	82

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19	A novel Au/g-C <sub>3</sub> N <sub>4</sub> nanosheets/CeO <sub>2</sub> hollow nanospheres plasmonic heterojunction photocatalysts for the photocatalytic reduction of hexavalent chromium and oxidation of oxytetracycline hydrochloride. <i>Chemical Engineering Journal</i> , 2021, 409, 128185.	6.6	74
20	Study the effect of ion-complex on the properties of composite gel polymer electrolyte based on Electrospun PVdF nanofibrous membrane. <i>Electrochimica Acta</i> , 2015, 151, 289-296.	2.6	73
21	Electrospun mesoporous W <sup>6+</sup> -doped TiO <sub>2</sub> thin films for efficient visible-light photocatalysis. <i>Materials Letters</i> , 2009, 63, 331-333.	1.3	71
22	Nanocomposites of Polyaniline and a Layered Inorganic Acid Host: Polymerization of Aniline in the Layers, Conformation, and Electrochemical Studies. <i>Advanced Functional Materials</i> , 2007, 17, 401-412.	7.8	70
23	Improved High Rate Capacity and Lithium Diffusion Ability of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> with Ordered Crystal Structure. <i>Journal of the Electrochemical Society</i> , 2012, 159, A506-A513.	1.3	61
24	In-situ assembly of three-dimensional MoS <sub>2</sub> nanoleaves/carbon nanofiber composites derived from bacterial cellulose as flexible and binder-free anodes for enhanced lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 211, 404-410.	2.6	60
25	Heating Behavior and Crystal Growth Mechanism in Microwave Field. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1371-1379.	1.2	58
26	A novel LiCoPO <sub>4</sub> -coated core-shell structure for spinel LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> as a high-performance cathode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 996-1004.	5.2	58
27	Lithium diffusion behavior and improved high rate capacity of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> as cathode material for lithium batteries. <i>Solid State Ionics</i> , 2012, 207, 50-56.	1.3	57
28	Optimal microwave-assisted hydrothermal synthesis of nanosized x Li <sub>2</sub> MnO <sub>3</sub> · (1-x) LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode materials for lithium ion battery. <i>Journal of Power Sources</i> , 2014, 247, 219-227.	4.0	57
29	Microwave rapid preparation of LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> and the improved high rate performance for lithium-ion batteries. <i>Electrochimica Acta</i> , 2013, 100, 125-132.	2.6	55
30	Directly scalable preparation of sandwiched MoS <sub>2</sub> /graphene nanocomposites via ball-milling with excellent electrochemical energy storage performance. <i>Electrochimica Acta</i> , 2019, 299, 143-151.	2.6	55
31	An organic cathode with tailored working potential for aqueous Zn-ion batteries. <i>Chemical Communications</i> , 2020, 56, 11859-11862.	2.2	54
32	Temperature-controlled microwave solid-state synthesis of Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> as cathode materials for lithium batteries. <i>Journal of Power Sources</i> , 2010, 195, 5374-5378.	4.0	53
33	Influence of Mn content on the morphology and improved electrochemical properties of Mn <sub>3</sub> O <sub>4</sub>  MnO@carbon nanofiber as anode material for lithium batteries. <i>Journal of Power Sources</i> , 2012, 216, 353-362.	4.0	53
34	Bicontinuous Structure of Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> Clustered via Carbon Nanofiber as High-Performance Cathode Material of Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13934-13943.	4.0	53
35	Electrospun Er:TiO <sub>2</sub> nanofibrous films as efficient photocatalysts under solar simulated light. <i>Materials Letters</i> , 2010, 64, 147-150.	1.3	52
36	Fast facile synthesis of SnO <sub>2</sub> /Graphene composite assisted by microwave as anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 246, 1104-1111.	2.6	52

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37	The effect of tin content to the morphology of Sn/carbon nanofiber and the electrochemical performance as anode material for lithium batteries. <i>Electrochimica Acta</i> , 2011, 58, 44-51.	2.6	51
38	PVDF-based composite microporous gel polymer electrolytes containing a novel single ionic conductor SiO <sub>2</sub> (Li <sup>+</sup> ). <i>Electrochimica Acta</i> , 2013, 112, 183-190.	2.6	51
39	Hybrid gel polymer electrolyte fabricated by electrospinning technology for polymer lithium-ion battery. <i>European Polymer Journal</i> , 2015, 67, 365-372.	2.6	51
40	The preparation and role of Li <sub>2</sub> ZrO <sub>3</sub> surface coating LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> as cathode for lithium-ion batteries. <i>Applied Surface Science</i> , 2016, 361, 150-156.	3.1	51
41	Photocatalytic reduction of CO <sub>2</sub> and degradation of Bisphenol-S by g-C <sub>3</sub> N <sub>4</sub> /Cu <sub>2</sub> O@Cu S-scheme heterojunction: Study on the photocatalytic performance and mechanism insight. <i>Carbon</i> , 2022, 193, 272-284.	5.4	51
42	Synthesis of polyaniline/MCM-41 composite through surface polymerization of aniline. <i>Journal of Applied Polymer Science</i> , 2006, 101, 2088-2094.	1.3	50
43	Microwave solid-state synthesis and electrochemical properties of carbon-free Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> as cathode materials for lithium batteries. <i>Electrochimica Acta</i> , 2010, 55, 2951-2957.	2.6	49
44	A novel approach for sulfur-doped hierarchically porous carbon with excellent capacitance for electrochemical energy storage. <i>Chemical Communications</i> , 2016, 52, 12725-12728.	2.2	49
45	Design and self-assembly of metal-organic framework-derived porous Co <sub>3</sub> O <sub>4</sub> hierarchical structures for lithium-ion batteries. <i>Ceramics International</i> , 2016, 42, 5160-5170.	2.3	49
46	Ultrasonic-assisted synthesis of amorphous Fe <sub>3</sub> O <sub>4</sub> with a high specific surface area and improved capacitance for supercapacitor. <i>Powder Technology</i> , 2014, 256, 499-505.	2.1	47
47	A review on structuralized current collectors for high-performance lithium-ion battery anodes. <i>Applied Energy</i> , 2020, 276, 115464.	5.1	47
48	General synthesis and morphology control of LiMnPO <sub>4</sub> nanocrystals via microwave-hydrothermal route. <i>Electrochimica Acta</i> , 2011, 56, 3093-3100.	2.6	46
49	Ultrahigh Voltage Synthesis of 2D Amorphous Nickel-Cobalt Hydroxide Nanosheets on CFP for High Performance Energy Storage Device. <i>Electrochimica Acta</i> , 2016, 190, 695-702.	2.6	46
50	Li <sub>2</sub> ZrO <sub>3</sub> coated LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> for high performance cathode material in lithium batteries. <i>Electrochimica Acta</i> , 2014, 119, 236-242.	2.6	45
51	Preparation of Mn <sub>3</sub> O <sub>4</sub> nanoparticles at room condition for supercapacitor application. <i>Powder Technology</i> , 2013, 235, 76-81.	2.1	43
52	Study of Microstructure Change of Carbon Nanofibers as Binder-Free Anode for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 33091-33101.	4.0	43
53	Electrospinning of carbon/CdS coaxial nanofibers with photoluminescence and conductive properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007, 140, 48-52.	1.7	41
54	Efficient microwave hydrothermal synthesis of nanocrystalline orthorhombic LiMnO <sub>2</sub> cathodes for lithium batteries. <i>Electrochimica Acta</i> , 2010, 55, 3392-3397.	2.6	41

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55	Co <sub>3</sub> O <sub>4</sub> nanostructures with a high rate performance as anode materials for lithium-ion batteries, prepared via book-like cobalt-organic frameworks. CrystEngComm, 2014, 16, 10227-10234.	1.3	40
56	2D Film of Carbon Nanofibers Elastically Astricted MnO Microparticles: A Flexible Binder-Free Anode for Highly Reversible Lithium Ion Storage. Small, 2017, 13, 1604182.	5.2	38
57	The composite of carbon nanotube connecting SnO <sub>2</sub> /reduced graphene clusters as highly reversible anode material for lithium-/sodium-ion batteries and full cell. Composites Part B: Engineering, 2019, 169, 109-117.	5.9	38
58	Designing S-scheme Au/g-C <sub>3</sub> N <sub>4</sub> /BiO <sub>1.2</sub> O <sub>3</sub> plasmonic heterojunction for efficient visible-light photocatalysis. Separation and Purification Technology, 2022, 287, 120531.	3.9	38
59	Highly active free-standing and flexible MoS <sub>2</sub> /rGO sandwich-structured films for supercapacitor applications. Solid State Communications, 2019, 297, 45-49.	0.9	37
60	Preparation and electrochemical properties of Li <sub>3</sub> V <sub>1.8</sub> Mn <sub>0.2</sub> (PO <sub>4</sub> ) <sub>3</sub> doped via different Mn sources. Journal of Power Sources, 2014, 261, 188-197.	4.0	36
61	Crystal structure and electrochemical performance of Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> synthesized by optimized microwave solid-state synthesis route. Electrochimica Acta, 2010, 55, 3669-3680.	2.6	35
62	Rapid Microwave Synthesis of Self-Assembled Hierarchical Mn <sub>2</sub> O <sub>3</sub> Microspheres as Advanced Anode Material for Lithium Ion Batteries. Electrochimica Acta, 2017, 224, 285-294.	2.6	35
63	Synthesis of micron-sized LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> single crystals through in situ microemulsion/coprecipitation and characterization of their electrochemical capabilities. Powder Technology, 2019, 343, 445-453.	2.1	31
64	A novel inorganic-organic polymer electrolyte with a high conductivity: insertion of poly(ethylene) oxide into LiV <sub>3</sub> O <sub>8</sub> in one step. Journal of Materials Chemistry, 2005, 15, 1369-1374.	6.7	30
65	Preparation of Si/Sn-Based Nanoparticles Compositied with Carbon Fibers and Improved Electrochemical Performance as Anode Materials. ACS Sustainable Chemistry and Engineering, 2014, 2, 2310-2317.	3.2	30
66	Heterostructural composite of few-layered MoS <sub>2</sub> /hexagonal MoO <sub>2</sub> particles/graphene as anode material for highly reversible lithium/sodium storage. International Journal of Energy Research, 2020, 44, 518-527.	2.2	29
67	Super-hydrophilic microporous biochar from biowaste for supercapacitor application. Applied Surface Science, 2021, 561, 150076.	3.1	29
68	Integration of plasmonic effect and S-scheme heterojunction into gold decorated carbon nitride/cuprous oxide catalyst for photocatalysis. Journal of Cleaner Production, 2022, 360, 131948.	4.6	29
69	Large-scale preparation of shape controlled SnO and improved capacitance for supercapacitors: from nanoclusters to square microplates. Nanoscale, 2013, 5, 7613.	2.8	28
70	Enhanced Zn <sup>2+</sup> transfer dynamics via a 3D bird nest-like VO <sub>2</sub> /MXene heterojunction for ultrahigh-rate aqueous zinc-ion batteries. Journal of Power Sources, 2022, 520, 230872.	4.0	28
71	Polypyrrole doped with redox-active poly(2-methoxyaniline-5-sulfonic acid) for lithium secondary batteries. RSC Advances, 2013, 3, 5447.	1.7	27
72	Synthesis of MnNb <sub>2</sub> O <sub>6</sub> with hierarchical structure as a novel electrode material for high-performance supercapacitors. Journal of Alloys and Compounds, 2018, 750, 428-435.	2.8	27

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73	Rapid microwave-hydrothermal preparation of few-layer MoS <sub>2</sub> /C nanocomposite as anode for highly reversible lithium storage properties. <i>Journal of Materials Science</i> , 2018, 53, 14548-14558.	1.7	27
74	A novel CoO hierarchical morphologies on carbon nanofiber for improved reversibility as binder-free anodes in lithium/sodium ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 794, 385-395.	2.8	27
75	Improved lithium storage properties of electrospun TiO <sub>2</sub> with tunable morphology: from porous anatase to necklace rutile. <i>Nanoscale</i> , 2013, 5, 10267.	2.8	26
76	Preparation and performance characterization of AlF <sub>3</sub> as interface stabilizer coated Li <sub>1.24</sub> Ni <sub>0.12</sub> Co <sub>0.12</sub> Mn <sub>0.56</sub> O <sub>2</sub> cathode for lithium-ion batteries. <i>Applied Surface Science</i> , 2017, 406, 21-29.	3.1	26
77	Cyanometallic frameworks derived hierarchical porous Fe <sub>2</sub> O <sub>3</sub> /NiO microflowers with excellent lithium-storage property. <i>Journal of Alloys and Compounds</i> , 2017, 698, 469-475.	2.8	26
78	Li <sub>2</sub> ZrO <sub>3</sub> -coated Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> with nanoscale interface for high performance lithium-ion batteries. <i>Applied Surface Science</i> , 2016, 368, 56-62.	3.1	25
79	Enhanced electrochemical performance of LiMn <sub>2</sub> O <sub>4</sub> by constructing a stable Mn <sup>2+</sup> -rich interface. <i>Applied Surface Science</i> , 2017, 426, 19-28.	3.1	25
80	Complementary stabilization by core/sheath carbon nanofibers/spongy carbon on submicron tin oxide particles as anode for lithium-ion batteries. <i>Journal of Power Sources</i> , 2019, 413, 42-49.	4.0	25
81	The role of stable interface in nano-sized FeNbO <sub>4</sub> as anode electrode for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 203, 206-212.	2.6	24
82	Molten salt-assisted regeneration and characterization of submicron-sized LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> crystals from spent lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 848, 156591.	2.8	24
83	Preparation and characterization of Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> grown on carbon nanofiber as cathode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2015, 176, 1358-1363.	2.6	23
84	Preparation and Electrochemical Properties of High-Voltage Spinel LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> Synthesized by using Different Manganese Sources. <i>ChemElectroChem</i> , 2017, 4, 1205-1213.	1.7	23
85	Composite structure and properties of Mn <sub>3</sub> O <sub>4</sub> /graphene oxide and Mn <sub>3</sub> O <sub>4</sub> /graphene. <i>Journal of Materials Chemistry A</i> , 2013, , .	5.2	22
86	Preparation of hybrid polymer based on polyurethane lithium salt and polyvinylidene fluoride as electrolyte for lithium-ion batteries. <i>Electrochimica Acta</i> , 2014, 136, 513-520.	2.6	22
87	Synergetic interface between NiO/Ni <sub>3</sub> S <sub>2</sub> nanosheets and carbon nanofiber as binder-free anode for highly reversible lithium storage. <i>Applied Surface Science</i> , 2018, 441, 232-238.	3.1	22
88	Enhanced high-rate electrochemical performance of Li <sub>3</sub> V <sub>1.8</sub> Mn <sub>0.2</sub> (PO <sub>4</sub> ) <sub>3</sub> by atomic doping of Mn(III). <i>Electrochimica Acta</i> , 2014, 125, 338-346.	2.6	21
89	Effects of Microwave-Hydrothermal Conditions on the Purity and Electrochemical Performance of Orthorhombic LiMnO <sub>2</sub> . <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 359-366.	3.2	21
90	An active core-shell nanoscale design for high voltage cathode of lithium storage devices. <i>Journal of Power Sources</i> , 2017, 360, 409-418.	4.0	21

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91	CoCO <sub>3</sub> micrometer particles stabilized by carbon nanofibers networks as composite electrode for enhanced rate and cyclic performance of lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 270, 22-29.	2.6	21
92	The effect of Ni oxidation state on the crystal structure and electrochemical properties of LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> cathode material for highly reversible lithium storage. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160642.	2.8	21
93	Efficient construction of a CoCO <sub>3</sub> /graphene composite anode material for lithium-ion batteries by stirring solvothermal reaction. <i>Ceramics International</i> , 2018, 44, 3718-3725.	2.3	21
94	A novel PVdF-based composite gel polymer electrolyte doped with ionomer modified graphene oxide. <i>RSC Advances</i> , 2016, 6, 97338-97345.	1.7	19
95	Surface modification and in situ carbon intercalation of two-dimensional niobium carbide as promising electrode materials for potassium-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 431, 133838.	6.6	19
96	Density Functional Theoretical Studies on Polyaniline/HNb <sub>3</sub> O <sub>8</sub> Layered Nanocomposites. <i>Advanced Functional Materials</i> , 2007, 17, 3521-3529.	7.8	18
97	A facile strategy to construct binder-free flexible carbonate composite anode at low temperature with high performances for lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 246, 1004-1015.	2.6	18
98	Synthesis of wolframite FeNbO <sub>4</sub> nanorods as a novel anode material for improved lithium storage capability. <i>Journal of Alloys and Compounds</i> , 2018, 740, 7-15.	2.8	18
99	Microwave-assisted hydrothermal synthesis of sphere-like C/CuO and CuO nanocrystals and improved performance as anode materials for lithium-ion batteries. <i>Powder Technology</i> , 2013, 241, 43-48.	2.1	17
100	On the theory of high rate capability of LiMn <sub>2</sub> O <sub>4</sub> with some preferred orientations: insights from the crystal shape algorithm. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2553.	1.3	17
101	Freeze-drying-assisted Synthesis of Porous SnO <sub>2</sub> /rGO Xerogels as Anode Materials for Highly Reversible Lithium/Sodium Storage. <i>ChemElectroChem</i> , 2018, 5, 2387-2394.	1.7	17
102	Low-temperature synthesis of two-dimensional nanostructured Co <sub>3</sub> O <sub>4</sub> and improved electrochemical properties for lithium-ion batteries. <i>Powder Technology</i> , 2017, 309, 22-30.	2.1	16
103	Fast Preparation of LiFePO <sub>4</sub> Nanoparticles for Lithium Batteries by Microwave-Assisted Hydrothermal Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 980-986.	0.9	15
104	The effect of passivation film in preparation 3D structural carbon paper/tin oxide@carbon as freestanding anode for lithium-ion batteries. <i>Applied Surface Science</i> , 2018, 435, 1307-1313.	3.1	15
105	Synthesis of sandwich-like Co(CO <sub>3</sub> ) <sub>0.5</sub> (OH)/graphene composite through confined growth and self-assemblies for highly reversible lithium storage. <i>Journal of Alloys and Compounds</i> , 2018, 764, 709-717.	2.8	15
106	Porous tin film synthesized by electrodeposition and the electrochemical performance for lithium-ion batteries. <i>Electrochimica Acta</i> , 2014, 149, 330-336.	2.6	14
107	Synthesis and characterization of nanoflaky maghemite (γ-Fe <sub>2</sub> O <sub>3</sub> ) as a versatile anode for Li-ion batteries. <i>Ceramics International</i> , 2019, 45, 131-136.	2.3	14
108	Improved rate and cyclic performance of potassium-doped nickel-rich ternary cathode material for lithium-ion batteries. <i>Journal of Materials Science</i> , 2021, 56, 2399-2411.	1.7	14



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109	Electronic structure of oligoaniline doped by inorganic and organic acids. International Journal of Quantum Chemistry, 2008, 108, 1155-1163.	1.0	13
110	Synthesis and characterization of 0.95LiMn 0.95 Fe 0.05 PO 4 · 0.05Li 3 V 2 (PO 4 ) 3 nanocomposite by sol-gel method. Journal of Power Sources, 2015, 287, 316-322.	4.0	13
111	Freeze-drying preparation of MnOx/graphene nanocomposite as anode material for highly reversible lithium storage. Journal of Materials Science, 2020, 55, 5545-5553.	1.7	12
112	Sheath/Core Hybrid FeCO <sub>3</sub> /Carbon Nanofibers as Anode Materials for Superior Cycling Stability and Rate Performance. ChemElectroChem, 2017, 4, 1450-1456.	1.7	11
113	Enhanced electrochemical performance of Fe <sub>2</sub> O <sub>3</sub> grains grafted onto TiO <sub>2</sub> -Carbon nanofibers via a Vapor-Solid reaction as anode materials for Li-Ion batteries. Applied Surface Science, 2019, 463, 322-330.	3.1	11
114	Amorphous Li <sub>2</sub> ZrO <sub>3</sub> nanoparticles coating Li[Li <sub>0.17</sub> Mn <sub>0.58</sub> Ni <sub>0.25</sub> ]O <sub>2</sub> cathode material for enhanced rate and cyclic performance in lithium ion storage. Materials Chemistry and Physics, 2020, 255, 123593.	2.0	11
115	Carbon nanofiber activated by molybdenum disulfide as an effective binder-free composite anode for highly reversible lithium storage. International Journal of Energy Research, 2020, 44, 4605-4615.	2.2	11
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