

Jianwen Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Layered Cathode Materials: Precursors, Synthesis, Microstructure, Electrochemical Properties, and Battery Performance. <i>Small</i> , 2022, 18, e2107697.	10.0	28
2	Electrochemical Performance and Behavior Mechanism for Zn/LiFePO ₄ Battery in a Slightly Acidic Aqueous Electrolyte. <i>ChemSusChem</i> , 2022, 15, .	6.8	5
3	Enhancing sodium-ion storage performance of MoO ₂ /N-doped carbon through interfacial Mo-N-C bond. <i>Science China Materials</i> , 2021, 64, 85-95.	6.3	48
4	Microspherical LiFePO _{3.98} F _{0.02} /3DG/C as an advanced cathode material for high-energy lithium-ion battery with a superior rate capability and long-term cyclability. <i>Ionics</i> , 2021, 27, 1-11.	2.4	12
5	Crucial role of water content on the electrochemical performance of LiNi(OH)_2 as an anode material for lithium-ion batteries. <i>Ionics</i> , 2021, 27, 65-74.	2.4	17
6	Facile synthesis of monodispersed LiFe_2O_3 cubes as a high-performance anode material for lithium-ion batteries. <i>Ionics</i> , 2021, 27, 3291-3299.	2.4	7
7	Mechanism and properties of rod-like $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}\text{O}_2$ cathode material synthesized by $\text{Li}^2\text{-MnO}_2$ template for advanced Li-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 867, 158935.	5.5	5
8	Fabrication of ZnSe/C Hollow Polyhedrons for Lithium Storage. <i>Chemistry - A European Journal</i> , 2021, 27, 14989-14995.	3.3	4
9	LiMn_2O_4 Cathode Materials with Excellent Performances by Synergistic Enhancement of Double-Cation (Na^+ , Mg^{2+}) Doping and 3DG Coating for Power Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26106-26116.	3.1	11
10	Monodisperse SnO ₂ /Co ₃ O ₄ nanocubes synthesized via phase separation and their advantages in electrochemical Li-ion storage. <i>Ionics</i> , 2020, 26, 6125-6132.	2.4	4
11	Improved solid-state synthesis and electrochemical properties of $\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ cathode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156034.	5.5	11
12	Carbon encapsulated Sn-Co alloy: A stabilized tin-based material for sodium storage. <i>Materials Letters</i> , 2018, 210, 321-324.	2.6	34
13	An improved solid-state method for synthesizing $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ cathode material for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2017, 715, 304-310.	5.5	16
14	Facile synthesis of nanocrystalline-assembled nest-like NiO hollow microspheres with superior lithium storage performance. <i>RSC Advances</i> , 2017, 7, 31287-31297.	3.6	32
15	Facile synthesis of nanostructured $\text{Li}_4\text{Ti}_5\text{O}_{12}$ /PEDOT:PSS composite as anode material for lithium-ion batteries. <i>RSC Advances</i> , 2016, 6, 95512-95517.	3.6	16
16	The polyacrylic latex: an efficient water-soluble binder for $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ cathode in li-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 1-8.	2.5	48
17	A Novel Aminoalkyldisiloxane Compound as a Film-Forming Electrolyte Additive for Graphite Anode. <i>Electrochemistry</i> , 2015, 83, 537-540.	1.4	7
18	Organosilicon functionalized glycerol carbonates as electrolytes for lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 17660-17666.	3.6	19

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19	Novel understanding of carbothermal reduction enhancing electronic and ionic conductivity of $\text{Li}_{4-x}\text{Ti}_5\text{O}_{12}$ anode. Journal of Materials Chemistry A, 2015, 3, 11773-11781.	10.3	88
20	Formation mechanism of spinel LiTi_2O_4 prepared by carbon thermal reduction reaction. RSC Advances, 2015, 5, 97720-97723.	3.6	3
21	Carbon-coated LiCrTiO_4 electrode material promoting phase transition to reduce asymmetric polarization for lithium-ion batteries. Physical Chemistry Chemical Physics, 2014, 16, 2882.	2.8	49
22	Theoretical Investigation on the Electron Transport Behavior of Fe-Porphyrin Complexes. Integrated Ferroelectrics, 2011, 127, 91-96.	0.7	0
23	Synthesis and Electrochemical Properties of Y-Doped $\text{LiNi}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2$ Cathode Materials for Li-Ion Battery. Integrated Ferroelectrics, 2011, 127, 150-156.	0.7	11
24	Preparation and characterization of LiTi_2O_4 anode material synthesized by one-step solid-state reaction. Ionics, 2010, 16, 425-429.	2.4	27