

Zhibin Wu

List of Publications by Year in descending order

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papers

3,338
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257450

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Introducing 4 <i>s</i> Orbital Hybridization to Stabilize Spinel Oxide Cathodes for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	12
2	Synchrotron X-Ray Absorption Spectroscopy and Electrochemical Study of Bi ₂ O ₂ Se Electrode for Lithium/Potassium-Ion Storage. <i>Advanced Energy Materials</i> , 2021, 11, 2100185.	19.5	29
3	In Situ Synchrotron X-Ray Absorption Spectroscopy Studies of Anode Materials for Rechargeable Batteries. <i>Batteries and Supercaps</i> , 2021, 4, 1547-1566.	4.7	25
4	Crystallographic-Site-Specific Structural Engineering Enables Extraordinary Electrochemical Performance of High-Voltage LiNi _{0.5} Mn _{1.5} O ₄ Spinel Cathodes for Lithium-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2101413.	21.0	52
5	Coupling Topological Insulator SnSb ₂ Te ₄ Nanodots with Highly Doped Graphene for High-Rate Energy Storage. <i>Advanced Materials</i> , 2020, 32, e1905632.	21.0	78
6	Synergy of binders and electrolytes in enabling micro-sized alloy anodes for high performance potassium-ion batteries. <i>Nano Energy</i> , 2020, 77, 105118.	16.0	82
7	A Long Cycle-Life High-Voltage Spinel Lithium-Ion Battery Electrode Achieved by Site-Selective Doping. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10594-10602.	13.8	144
8	A Long Cycle-Life High-Voltage Spinel Lithium-Ion Battery Electrode Achieved by Site-Selective Doping. <i>Angewandte Chemie</i> , 2020, 132, 10681-10689.	2.0	20
9	Dehydration-Triggered Ionic Channel Engineering in Potassium Niobate for Li/K-Ion Storage. <i>Advanced Materials</i> , 2020, 32, e2000380.	21.0	85
10	Anion Vacancies Regulating Endows MoSSe with Fast and Stable Potassium Ion Storage. <i>ACS Nano</i> , 2019, 13, 11843-11852.	14.6	210
11	<i>In situ</i> incorporation of nanostructured antimony in an N-doped carbon matrix for advanced sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12842-12850.	10.3	25
12	Nanorod-assembled NiCo ₂ O ₄ hollow microspheres assisted by an ionic liquid as advanced electrode materials for supercapacitors. <i>RSC Advances</i> , 2017, 7, 11123-11128.	3.6	26
13	Transition Metal Oxides as Supercapacitor Materials. <i>Nanostructure Science and Technology</i> , 2016, , 317-344.	0.1	29
14	High Energy Density Asymmetric Supercapacitors From Mesoporous NiCo ₂ S ₄ Nanosheets. <i>Electrochimica Acta</i> , 2015, 174, 238-245.	5.2	247
15	Uniform porous spinel NiCo ₂ O ₄ with enhanced electrochemical performances. <i>Journal of Alloys and Compounds</i> , 2015, 632, 208-217.	5.5	49
16	An electrochemical exploration of hollow NiCo ₂ O ₄ submicrospheres and its capacitive performances. <i>Journal of Power Sources</i> , 2015, 287, 307-315.	7.8	89
17	NiCo ₂ S ₄ hollow microsphere decorated by acetylene black for high-performance asymmetric supercapacitor. <i>Electrochimica Acta</i> , 2015, 186, 562-571.	5.2	130
18	An investigation of the electrochemically capacitive performances of mesoporous nickel cobaltite hollow spheres. <i>Electrochimica Acta</i> , 2015, 178, 153-162.	5.2	17

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19	One-Dimensional Rod-Like Sb_2S_3 -Based Anode for High-Performance Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19362-19369.	8.0	218
20	Ultrafine nickel oxide quantum dots embedded with few-layer exfoliated graphene for an asymmetric supercapacitor: Enhanced capacitances by alternating voltage. <i>Journal of Power Sources</i> , 2015, 298, 241-248.	7.8	75
21	Alternating voltage induced porous Co_3O_4 sheets: an exploration of its supercapacity properties. <i>RSC Advances</i> , 2015, 5, 177-183.	3.6	17
22	Porous NiCo_2O_4 spheres tuned through carbon quantum dots utilised as advanced materials for an asymmetric supercapacitor. <i>Journal of Materials Chemistry A</i> , 2015, 3, 866-877.	10.3	282
23	Mesoporous NiCo_2S_4 nanoparticles as high-performance electrode materials for supercapacitors. <i>Journal of Power Sources</i> , 2015, 273, 584-590.	7.8	409
24	Amorphous RuO_2 coated on carbon spheres as excellent electrode materials for supercapacitors. <i>RSC Advances</i> , 2014, 4, 6927.	3.6	59
25	3D network-like mesoporous NiCo_2O_4 nanostructures as advanced electrode material for supercapacitors. <i>Electrochimica Acta</i> , 2014, 149, 144-151.	5.2	72
26	An Asymmetric Ultracapacitors Utilizing $\text{Ni-Co(OH)}_2/\text{Co}_3\text{O}_4$ Flakes Assisted by Electrochemically Alternating Voltage. <i>Electrochimica Acta</i> , 2014, 141, 234-240.	5.2	121
27	High capacity NiCo_2O_4 nanorods as electrode materials for supercapacitor. <i>Journal of Alloys and Compounds</i> , 2014, 617, 988-993.	5.5	88
28	Spinel NiCo_2O_4 for use as a high-performance supercapacitor electrode material: Understanding of its electrochemical properties. <i>Journal of Power Sources</i> , 2014, 267, 888-900.	7.8	228
29	NiCo_2O_4 -based materials for electrochemical supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14759-14772.	10.3	420