Ying Zhu

List of Publications by Year
in descending order

17 papers	1,301 citations	623734 14 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	2160 citing authors

#	Article	IF	Citations
1	Highly stable 3D hierarchical manganese sulfide multi-layer nanoflakes with excellent electrochemical performances for supercapacitor electrodes. Journal of Alloys and Compounds, 2022, 894, 162390.	5.5	22
2	Energetic composites based on nano-Al and energetic coordination polymers (ECPs): The â€œfather-sonâ€• effect of ECPs. Chemical Engineering Journal, 2020, 392, 123719.	12.7	28
3	Preparation of Cyclotrimethylenetrinitramineâ€Copper Oxide Coreâ€Shell Particles and Their Thermal Decomposition Kinetics. Propellants, Explosives, Pyrotechnics, 2019, 44, 1368-1374.	1.6	8
4	Mesoporous aluminium manganese cobalt oxide with pentahedron structures for energy storage devices. Journal of Materials Chemistry A, 2019, 7, 18417-18427.	10.3	49
5	Exploring the solid-state interfacial reaction of Al/Fe2O3 nanothermites by thermal analysis. Journal of Materials Science, 2019, 54, 4115-4123.	3.7	12
6	Lithiophilic Cuâ€CuOâ€Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes. Advanced Materials, 2018, 30, 1705830.	21.0	217
7	Fabrication of plate-like MnO2 with excellent cycle stability for supercapacitor electrodes. Electrochimica Acta, 2018, 291, 249-255.	5.2	108
8	In situ preparation of explosive embedded CuO/Al/CL20 nanoenergetic composite with enhanced reactivity. Chemical Engineering Journal, 2018, 354, 885-895.	12.7	62
9	Hybrid Reduced Graphene Oxide Nanosheet Supported Mnâ€“Niâ€“Co Ternary Oxides for Aqueous Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2017, 9, 19114-19123.	8.0	100
10	Sulfur impregnated N, P co-doped hierarchical porous carbon as cathode for high performance Li-S batteries. Journal of Power Sources, 2017, 341, 165-174.	7.8	157
11	Templated and Catalytic Fabrication of N-Doped Hierarchical Porous Carbonâ€“Carbon Nanotube Hybrids as Host for Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2017, 9, 33876-33886.	8.0	66
12	Si Wire Supported MnO2/Al/Fluorocarbon 3D Core/Shell Nanoenergetic Arrays with Long-Term Storage Stability. Scientific Reports, 2017, 7, 6678.	3.3	9
13	Seed-assisted smart construction of high mass loading Niâ€“Coâ€“Mn hydroxide nanoflakes for supercapacitor applications. Journal of Materials Chemistry A, 2017, 5, 16776-16785.	10.3	93
14	Activated Microporous Carbon Derived from Almond Shells for High Energy Density Asymmetric Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 15288-15296.	8.0	99
15	Nanoforest of hierarchical core/shell CuO@NiCo₂O₄ nanowire heterostructure arrays on nickel foam for high-performance supercapacitors. RSC Advances, 2016, 6, 63905-63914.	3.6	22
16	An extremely superhydrophobic and intrinsically stable Si/fluorocarbon energetic composite based on upright nano/submicron-sized Si wire arrays. RSC Advances, 2015, 5, 106098-106106.	3.6	15
17	Hierarchical Mesoporous Zincâ€“Nickelâ€“Cobalt Ternary Oxide Nanowire Arrays on Nickel Foam as High-Performance Electrodes for Supercapacitors. ACS Applied Materials & Interfaces, 2015, 7, 26512-26521.	8.0	234