

Ji Yu

List of Publications by Year in descending order

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26
papers

817
citations

623734

14
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552781

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docs citations

26
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	A Facile approach to NiCoO ₂ intimately standing on nitrogen doped graphene sheets by one-step hydrothermal synthesis for supercapacitors. Journal of Materials Chemistry A, 2015, 3, 7121-7131.	10.3	106
2	Multi-channel FeP@C octahedra anchored on reduced graphene oxide nanosheet with efficient performance for lithium-ion batteries. Carbon, 2018, 139, 477-485.	10.3	75
3	Efficient Polysulfide Redox Enabled by Lattice-Distorted Ni ₃ Fe Intermetallic Electrocatalyst-Modified Separator for Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 19572-19580.	8.0	72
4	Recyclable cobalt-molybdenum bimetallic carbide modified separator boosts the polysulfide adsorption-catalysis of lithium sulfur battery. Science China Materials, 2020, 63, 2443-2455.	6.3	69
5	Rational design of intertwined carbon nanotubes threaded porous CoP@carbon nanocubes as anode with superior lithium storage. Carbon, 2019, 142, 269-277.	10.3	58
6	A Chemical Blowing Strategy to Fabricate Biomass-Derived Carbon Aerogels with Graphene-Like Nanosheet Structures for High-Performance Supercapacitors. ChemSusChem, 2019, 12, 2462-2470.	6.8	53
7	Facile Synthesis of a "Two-in-One" Sulfur Host Featuring Metallic-Cobalt-Embedded N-Doped Carbon Nanotubes for Efficient Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 5968-5978.	8.0	52
8	In-built template synthesis of hierarchical porous carbon microcubes from biomass toward electrochemical energy storage. Carbon, 2019, 155, 1-8.	10.3	48
9	Manganese Monoxide/Biomass-Inherited Porous Carbon Nanostructure Composite Based on the High Water-Absorbent Agaric for Asymmetric Supercapacitor. ACS Sustainable Chemistry and Engineering, 2019, 7, 4284-4294.	6.7	45
10	Molten-Salt-Assisted Synthesis of Hierarchical Porous MnO@Biocarbon Composites as Promising Electrode Materials for Supercapacitors and Lithium-Ion Batteries. ChemSusChem, 2019, 12, 283-290.	6.8	42
11	Ultrathin and Strong Electrospun Porous Fiber Separator. ACS Applied Energy Materials, 2018, 1, 4794-4803.	5.1	32
12	Electrochemical study on lithium iron phosphate/hard carbon lithium-ion batteries. Journal of Solid State Electrochemistry, 2012, 16, 423-428.	2.5	29
13	Poly(vinylidene fluoride) Modified Commercial Paper as a Separator with Enhanced Thermal Stability and Electrolyte Affinity for Lithium-Ion Battery. Energy and Environmental Materials, 2021, 4, 664-670.	12.8	25
14	Simultaneous Electrospinning and Electrospaying: Fabrication of a Carbon Nanofibre/MnO/Reduced Graphene Oxide Thin Film as a High-Performance Anode for Lithium-Ion Batteries. ChemElectroChem, 2018, 5, 51-61.	3.4	19
15	Ultrathin Nanosheet-Assembled Flowerlike NiSe ₂ Catalyst Boosts Sulfur Redox Reaction Kinetics for Li-S Batteries. ACS Applied Energy Materials, 2021, 4, 3431-3438.	5.1	14
16	In Situ Constructing a Stable Solid Electrolyte Interface by Multifunctional Electrolyte Additive to Stabilize Lithium Metal Anodes for Li-S Batteries. ACS Applied Materials & Interfaces, 2022, 14, 17959-17967.	8.0	14
17	Two for One: A Biomass Strategy for Simultaneous Synthesis of MnO ₂ Microcubes and Porous Carbon Microcubes for High Performance Asymmetric Supercapacitors. ACS Sustainable Chemistry and Engineering, 2020, 8, 6333-6342.	6.7	13
18	Facile synthesis of the SnO ₂ @CNTs(open-tips carbon nano tubes) composite with superior cyclability for Li-ion batteries. Electrochimica Acta, 2014, 147, 720-725.	5.2	11

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19	Tunable 2D tremella-derived carbon nanosheets with enhanced pseudocapacitance behavior for ultrafast potassium-ion storage. <i>Science China Technological Sciences</i> , 2021, 64, 2047-2056.	4.0	9
20	Homogeneous precipitation synthesis and electrochemical performance of LiFePO ₄ /CNTs/C composites as advanced cathode materials for lithium ion batteries. <i>RSC Advances</i> , 2015, 5, 107293-107298.	3.6	8
21	A corn-inspired structure design for an iron oxide fiber/reduced graphene oxide composite as a high-performance anode material for Li-ion batteries. <i>RSC Advances</i> , 2017, 7, 44874-44883.	3.6	7
22	Ultrafine SnO ₂ Nanoparticles Encapsulated in High-Conductivity Graphited Carbon Nanotubes As Anodes for High Electrochemistry Performance Lithium-Ion Batteries. <i>Journal of Electronic Materials</i> , 2019, 48, 7250-7257.	2.2	5
23	Intermolecular Interaction for Binary Mixtures of Propylene Carbonate with Acetonitrile, Dimethyl Carbonate, Diethyl Carbonate at Different Temperatures: Density and Viscosity. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017, 232, 127-151.	2.8	4
24	Cut-Price Fabrication of Free-standing Porous Carbon Nanofibers Film Electrode for Lithium-ion Batteries. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1016.	2.5	3
25	A tin(IV) oxides/carbon nanotubes composite with core-tubule structure as an anode material for high electrochemistry performance LIBs. <i>RSC Advances</i> , 2018, 8, 13186-13190.	3.6	2
26	A dual-regulation strategy of B/N codoped CNT-encapsulated Ni nanoparticles as a catalytic host and separator coating promises high-performance Li-S batteries. <i>Science China Technological Sciences</i> , 2022, 65, 1567-1577.	4.0	2