

Yonghe Li

List of Publications by Year in descending order

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papers

1,023
citations

516710

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docs citations

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times ranked

2150
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Observation of Chemomechanical Breakdown in a Layered Nickel-Rich Oxide Cathode Realized by In Situ Scanning Electron Microscopy. <i>ACS Energy Letters</i> , 2021, 6, 1703-1710.	17.4	30
2	Revisiting Solvent Additives for the Fabrication of Polymer:Fullerene Solar Cells: Exploring a Series of Benzaldehydes. <i>Solar Rrl</i> , 2021, 5, 2100238.	5.8	8
3	Highly Selective Cu Staining of Sulfur-Containing Polymers Facilitates 3D Nanomorphology Reconstruction of Polymer:Fullerene Blends in Organic Solar Cells by FIB-SEM Tomography. <i>ACS Applied Materials & Interfaces</i> , 2021, , .	8.0	1
4	Unveiling the intrinsic reaction between silicon-graphite composite anode and ionic liquid electrolyte in lithium-ion battery. <i>Journal of Power Sources</i> , 2020, 473, 228481.	7.8	19
5	Imaging of polymer:fullerene bulk-heterojunctions in a scanning electron microscope: methodology aspects and nanomorphology by correlative SEM and STEM. <i>Advanced Structural and Chemical Imaging</i> , 2020, 6, .	4.0	4
6	Realizing superior cycling stability of Ni-Rich layered cathode by combination of grain boundary engineering and surface coating. <i>Nano Energy</i> , 2019, 62, 30-37.	16.0	115
7	In Situ SEM Observation of Structured Si/C Anodes Reactions in an Ionic-Liquid-Based Lithium-Ion Battery. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 956.	2.5	17
8	Unveiling the thickness-dependent mechanical properties of graphene papers by <i>in situ</i> SEM tension. <i>RSC Advances</i> , 2019, 9, 4609-4615.	3.6	6
9	Boosting the electrochemical performance of MoO ₃ anode for long-life lithium ion batteries: Dominated by an ultrathin TiO ₂ passivation layer. <i>Electrochimica Acta</i> , 2018, 269, 241-249.	5.2	43
10	Interfacial lithiation induced leapfrog phase transformation in carbon coated Se cathode observed by in-situ TEM. <i>Nano Energy</i> , 2018, 48, 441-447.	16.0	23
11	Rate-dependent electrochemical reaction mechanism of spinel metal oxide anode studied by in situ TEM. <i>Journal of Alloys and Compounds</i> , 2018, 763, 349-354.	5.5	7
12	Efficient utilization of oxygen-vacancies-enabled NiCo ₂ O ₄ electrode for high-performance asymmetric supercapacitor. <i>Electrochimica Acta</i> , 2018, 279, 269-278.	5.2	52
13	Printing assembly and structural regulation of graphene towards three-dimensional flexible micro-supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16281-16288.	10.3	116
14	Multi-metallic Hydrate Hollow Structures in Cobalt Hydrate Based Systems. <i>Crystal Growth and Design</i> , 2017, 17, 1568-1573.	3.0	1
15	Highly active, stable oxidized platinum clusters as electrocatalysts for the hydrogen evolution reaction. <i>Energy and Environmental Science</i> , 2017, 10, 2450-2458.	30.8	246
16	Assembled graphene nanotubes decorated by hierarchical MoS ₂ structures: Enhanced lithium storage and in situ TEM lithiation study. <i>Energy Storage Materials</i> , 2017, 9, 188-194.	18.0	21
17	In-situ TEM experiments and first-principles studies on the electrochemical and mechanical behaviors of I _± -MoO ₃ in Li-ion batteries. <i>Nano Energy</i> , 2016, 27, 95-102.	16.0	73
18	Enhancing capacitance behaviour of CoOOH nanostructures using transition metal dopants by ambient oxidation. <i>Scientific Reports</i> , 2016, 6, 20704.	3.3	24

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19	Oxidative Corrosion Mechanism for Ag@C Coaxial Nanocables in Radiolytic Water. Journal of Physical Chemistry C, 2016, 120, 27033-27039.	3.1	6
20	Ultrafine Ag/MnO nanowire-constructed hair-like nanoarchitecture: In situ synthesis, formation mechanism and its supercapacitive property. Journal of Alloys and Compounds, 2015, 644, 47-53.	5.5	11
21	Kirkendall Effect Induced One-Step Fabrication of Tubular Ag/MnO Nanocomposites for Supercapacitor Application. Journal of Physical Chemistry C, 2014, 118, 6604-6611.	3.1	55
22	Plasma-assisted speedy synthesis of mesoporous Ag ₂ O nanotube. Materials Letters, 2014, 126, 131-134.	2.6	8
23	Unveiling the dynamic capacitive storage mechanism of Co ₃ O ₄ @NiCo ₂ O ₄ hybrid nanoelectrodes for supercapacitor applications. Electrochimica Acta, 2014, 145, 177-184.	5.2	73
24	Hierarchical porous NiCo ₂ O ₄ nanogras arrays grown on Ni foam as electrode material for high-performance supercapacitors. RSC Advances, 2014, 4, 20234-20238.	3.6	29
25	A recyclable and highly active Co ₃ O ₄ nanoparticles/titanate nanowire catalyst for organic dyes degradation with peroxymonosulfate. Materials Research Bulletin, 2014, 57, 170-176.	5.2	35
26	A New Hydrothermal Synthesis Method for Preparing $\hat{1}^3$ -MnOOH Crystal. Integrated Ferroelectrics, 2013, 147, 139-145.	0.7	0