

Chong Luo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9314595/publications.pdf>

Version: 2024-02-01

28
papers

2,462
citations

304368

22
h-index

500791

28
g-index

28
all docs

28
docs citations

28
times ranked

3316
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate Additives Coordinated with Crown Ether Stabilize Lithium Metal Anodes in Carbonate Electrolyte. <i>Advanced Functional Materials</i> , 2021, 31, 2102128.	7.8	56
2	Cobalt-Doping of Molybdenum Disulfide for Enhanced Catalytic Polysulfide Conversion in Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2021, 15, 7491-7499.	7.3	136
3	Lamellar MXene Composite Aerogels with Sandwiched Carbon Nanotubes Enable Stable Lithium-Sulfur Batteries with a High Sulfur Loading. <i>Advanced Functional Materials</i> , 2021, 31, 2100793.	7.8	95
4	Capillary shrinkage of graphene oxide hydrogels. <i>Science China Materials</i> , 2020, 63, 1870-1877.	3.5	41
5	An organic nickel salt-based electrolyte additive boosts homogeneous catalysis for lithium-sulfur batteries. <i>Energy Storage Materials</i> , 2020, 33, 290-297.	9.5	69
6	The stability of P2-layered sodium transition metal oxides in ambient atmospheres. <i>Nature Communications</i> , 2020, 11, 3544.	5.8	204
7	Bidirectional Catalysts for Liquid-Solid Redox Conversion in Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2020, 32, e2000315.	11.1	274
8	Optimized Catalytic WS ₂ -WO ₃ Heterostructure Design for Accelerated Polysulfide Conversion in Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2000091.	10.2	221
9	Controllable growth of LiMn ₂ O ₄ by carbohydrate-assisted combustion synthesis for high performance Li-ion batteries. <i>Nano Energy</i> , 2019, 64, 103936.	8.2	47
10	Fast Gelation of Ti ₃ C ₂ T _x MXene Initiated by Metal Ions. <i>Advanced Materials</i> , 2019, 31, e1902432.	11.1	389
11	Porous carbons derived from carbonization of tissue papers for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 11250-11256.	1.1	11
12	Direct assembly of micron-size porous graphene spheres with a high density as supercapacitor materials. <i>Carbon</i> , 2019, 149, 492-498.	5.4	20
13	Dense yet highly ion permeable graphene electrodes obtained by capillary-drying of a holey graphene oxide assembly. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12691-12697.	5.2	9
14	Realizing Ultralow Concentration Gelation of Graphene Oxide with Artificial Interfaces. <i>Advanced Materials</i> , 2019, 31, e1805075.	11.1	16
15	Fast three-dimensional assembly of MoS ₂ inspired by the gelation of graphene oxide. <i>Science China Materials</i> , 2019, 62, 745-750.	3.5	10
16	A Cut-and-Paste Approach to 3D Graphene-Oxide-Based Architectures. <i>Advanced Materials</i> , 2018, 30, e1706229.	11.1	46
17	Multifunctional Graphene Hair Dye. <i>Chem</i> , 2018, 4, 784-794.	5.8	55
18	A Hollow Spherical Carbon Derived from the Spray Drying of Corncob Lignin for High-Rate-Performance Supercapacitors. <i>Chemistry - an Asian Journal</i> , 2017, 12, 503-506.	1.7	29

#	ARTICLE	IF	CITATIONS
19	A Dual-Function Na ₂ SO ₄ Template Directed Formation of Cathode Materials with a High Content of Sulfur Nanodots for Lithium-Sulfur Batteries. <i>Small</i> , 2017, 13, 1700358.	5.2	26
20	An efficient Li ₂ S-based lithium-ion sulfur battery realized by a bifunctional electrolyte additive. <i>Nano Energy</i> , 2017, 40, 240-247.	8.2	81
21	Graphene Oxide Sheets in Solvents: To Crumple or Not To Crumple?. <i>ACS Omega</i> , 2017, 2, 8005-8009.	1.6	27
22	Twin-functional graphene oxide: compacting with Fe ₂ O ₃ into a high volumetric capacity anode for lithium ion battery. <i>Energy Storage Materials</i> , 2017, 6, 98-103.	9.5	74
23	A facile, fast responsive and highly selective mercury(^{II}) probe characterized by the fluorescence quenching of 2,9-dimethyl-1,10-phenanthroline and two new metal-organic frameworks. <i>RSC Advances</i> , 2016, 6, 66215-66223.	1.7	16
24	Dual-functional hard template directed one-step formation of a hierarchical porous carbon-carbon nanotube hybrid for lithium-sulfur batteries. <i>Chemical Communications</i> , 2016, 52, 12143-12146.	2.2	63
25	Electrostatic-spraying an ultrathin, multifunctional and compact coating onto a cathode for a long-life and high-rate lithium-sulfur battery. <i>Nano Energy</i> , 2016, 30, 138-145.	8.2	71
26	Sulfur confined in nitrogen-doped microporous carbon used in a carbonate-based electrolyte for long-life, safe lithium-sulfur batteries. <i>Carbon</i> , 2016, 109, 1-6.	5.4	119
27	Commercial carbon molecular sieves as a high performance anode for sodium-ion batteries. <i>Energy Storage Materials</i> , 2016, 3, 18-23.	9.5	163
28	Compressed porous graphene particles for use as supercapacitor electrodes with excellent volumetric performance. <i>Nanoscale</i> , 2015, 7, 18459-18463.	2.8	94