

# Lujie Jia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7490843/publications.pdf>

Version: 2024-02-01

12  
papers

511  
citations

759233

12  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

565  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single atomic cobalt catalyst significantly accelerates lithium ion diffusion in high mass loading Li <sub>2</sub> S cathode. <i>Energy Storage Materials</i> , 2020, 28, 375-382.	18.0	92
2	Robust electrical "highway" network for high mass loading sulfur cathode. <i>Nano Energy</i> , 2017, 40, 390-398.	16.0	68
3	In Situ Self-Assembly of Ordered Organic/Inorganic Dual-Layered Interphase for Achieving Long-Life Dendrite-Free Li Metal Anodes in LiFSI-Based Electrolyte. <i>Advanced Functional Materials</i> , 2021, 31, 2007434.	14.9	65
4	<i>In Situ</i> X-ray Absorption Spectroscopic Investigation of the Capacity Degradation Mechanism in Mg/S Batteries. <i>Nano Letters</i> , 2019, 19, 2928-2934.	9.1	63
5	Single-Atomic Catalysts Embedded on Nanocarbon Supports for High Energy Density Lithium-Sulfur Batteries. <i>ChemSusChem</i> , 2020, 13, 3404-3411.	6.8	41
6	Construction of Moisture-Stable Lithium Diffusion Controlling Layer toward High Performance Dendrite-Free Lithium Anode. <i>Advanced Functional Materials</i> , 2022, 32, 2110468.	14.9	32
7	Unraveling Shuttle Effect and Suppression Strategy in Lithium/Sulfur Cells by In Situ/Operando X-ray Absorption Spectroscopic Characterization. <i>Energy and Environmental Materials</i> , 2021, 4, 222-228.	12.8	31
8	High areal capacity flexible sulfur cathode based on multi-functionalized super-aligned carbon nanotubes. <i>Nano Research</i> , 2019, 12, 1105-1113.	10.4	28
9	Hierarchical Sulfur-Doped Graphene Foam Embedded with Sn Nanoparticles for Superior Lithium Storage in LiFSI-Based Electrolyte. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 30500-30507.	8.0	27
10	Multi-ion Modulated Single-Step Synthesis of a Nanocarbon Embedded with a Defect-Rich Nanoparticle Catalyst for a High Loading Sulfur Cathode. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 12727-12735.	8.0	27
11	Iron vacancies and surface modulation of iron disulfide nanoflowers as a high power/energy density cathode for ultralong-life stable Li storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14769-14777.	10.3	23
12	Advances and Prospects of 2D Graphene-Based Materials/Hybrids for Lithium Metal-Sulfur Full Battery: From Intrinsic Property to Catalysis Modification. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	5.8	14