

Designing Safe Electrolyte Systems for a High-Stability

Advanced Energy Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A bifunctional electrolyte additive for $H_{2}O/HF$ scavenging and enhanced graphite/ $LiNi_{0.5}Co_{0.2}Mn_{0.3}O_{2}$ cell performance at a high voltage. Sustainable Energy and Fuels, 2018, 2, 1481-1490.	2.5	36
2	Perspectives for restraining harsh lithium dendrite growth: Towards robust lithium metal anodes. Energy Storage Materials, 2018, 15, 148-170.	9.5	247
3	Nanoscale <i>in situ</i> detection of nucleation and growth of Li electrodeposition at various current densities. Journal of Materials Chemistry A, 2018, 6, 4629-4635.	5.2	24
4	Amorphous Vanadium Oxide Thin Films as Stable Performing Cathodes of Lithium and Sodium-Ion Batteries. Nanoscale Research Letters, 2018, 13, 363.	3.1	26
5	Two-Dimensional CeO_{2}/RGO Composite-Modified Separator for Lithium/Sulfur Batteries. Nanoscale Research Letters, 2018, 13, 377.	3.1	29
6	A PPy/ZnO functional interlayer to enhance electrochemical performance of lithium/sulfur batteries. Nanoscale Research Letters, 2018, 13, 307.	3.1	35
7	An Intrinsic Flame-Retardant Organic Electrolyte for Safe Lithium-Sulfur Batteries. Angewandte Chemie, 2019, 131, 801-805.	1.6	23
8	High-Conductivity Argyrodite $Li_{6}PS_{5}Cl$ Solid Electrolytes Prepared via Optimized Sintering Processes for All-Solid-State Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2018, 10, 42279-42285.	4.0	170
9	Simultaneously Porous Structure and Chemical Anchor: A Multifunctional Composite by One-Step Mechanochemical Strategy toward High-Performance and Safe Lithium-Sulfur Battery. ACS Applied Materials & Interfaces, 2018, 10, 41359-41369.	4.0	12
10	Revisiting Scientific Issues for Industrial Applications of Lithium-Sulfur Batteries. Energy and Environmental Materials, 2018, 1, 196-208.	7.3	158
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15	Lithium cobaltate: a novel host material enables high-rate and stable lithium-sulfur batteries. Rare Metals, 2018, 37, 929-935.	3.6	19
16	Novel 2D $Sb_{2}S_{3}$ Nanosheet/CNT Coupling Layer for Exceptional Polysulfide Recycling Performance. Advanced Energy Materials, 2018, 8, 1800710.	10.2	93
17	AlF_{3} -Modified carbon nanofibers as a multifunctional 3D interlayer for stable lithium metal anodes. Chemical Communications, 2018, 54, 8347-8350.	2.2	28
18	Separator Modification and Functionalization for Inhibiting the Shuttle Effect in Lithium-Sulfur Batteries. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800249.	1.2	32

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20	Evaluation and Refinement of the General AMBER Force Field for Nineteen Pure Organic Electrolyte Solvents. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3488-3502.	1.0	23
21	Gelatin-polyethylenimine composite as a functional binder for highly stable lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2018, 282, 758-766.	2.6	51
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