

# An Artificial Solid Electrolyte Interphase Layer for Stab

Advanced Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Reshaping Lithium Plating/Stripping Behavior via Bifunctional Polymer Electrolyte for Room-Temperature Solid Li Metal Batteries. <i>Journal of the American Chemical Society</i> , 2016, 138, 15825-15828.	6.6	399
2	Suppression of lithium dendrite growth by introducing a low reduction potential complex cation in the electrolyte. <i>RSC Advances</i> , 2016, 6, 51738-51746.	1.7	21
3	Large-Scale Production of $V_{6O_{13}}$ Cathode Materials Assisted by Thermal Gravimetric Analysis-Infrared Spectroscopy Technology. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 25674-25679.	4.0	12
4	All-Integrated Bifunctional Separator for Li Dendrite Detection via Novel Solution Synthesis of a Thermostable Polyimide Separator. <i>Journal of the American Chemical Society</i> , 2016, 138, 11044-11050.	6.6	170
5	Nanostructured energy materials for electrochemical energy conversion and storage: A review. <i>Journal of Energy Chemistry</i> , 2016, 25, 967-984.	7.1	409
6	Toward Dendrite-Free Lithium Deposition via Structural and Interfacial Synergistic Effects of 3D Graphene@Ni Scaffold. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26091-26097.	4.0	152
7	Recent Developments of the Lithium Metal Anode for Rechargeable Non-Aqueous Batteries. <i>Advanced Energy Materials</i> , 2016, 6, 1600811.	10.2	306
8	Lithium metal protection through in-situ formed solid electrolyte interphase in lithium-sulfur batteries: The role of polysulfides on lithium anode. <i>Journal of Power Sources</i> , 2016, 327, 212-220.	4.0	222
9	Promises and challenges of nanomaterials for lithium-based rechargeable batteries. <i>Nature Energy</i> , 2016, 1, .	19.8	1,388
10	Trimethylsilyl Chloride-Modified Li Anode for Enhanced Performance of Li-S Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 16386-16395.	4.0	41
11	Towards stable lithium-sulfur batteries: Mechanistic insights into electrolyte decomposition on lithium metal anode. <i>Energy Storage Materials</i> , 2017, 8, 194-201.	9.5	171
12	Fluoroethylene Carbonate Additives to Render Uniform Li Deposits in Lithium Metal Batteries. <i>Advanced Functional Materials</i> , 2017, 27, 1605989.	7.8	1,189
13	Dendrite-Free, High-Rate, Long-Life Lithium Metal Batteries with a 3D Cross-Linked Network Polymer Electrolyte. <i>Advanced Materials</i> , 2017, 29, 1604460.	11.1	604
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16	Regulating Li deposition at artificial solid electrolyte interphases. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3483-3492.	5.2	258
17	Dual Functionalities of Carbon Nanotube Films for Dendrite-Free and High Energy-High Power Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4605-4613.	4.0	67
18	Advanced Micro/Nanostructures for Lithium Metal Anodes. <i>Advanced Science</i> , 2017, 4, 1600445.	5.6	444

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20	Research progress regarding Si-based anode materials towards practical application in high energy density Li-ion batteries. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1691-1708.	3.2	277
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39	A highly flexible semi-tubular carbon film for stable lithium metal anodes in high-performance batteries. <i>Nano Energy</i> , 2017, 38, 504-509.	8.2	73
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56	Nanostructured Carbon Nitride Polymer-Reinforced Electrolyte To Enable Dendrite-Suppressed Lithium Metal Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 11615-11625.	4.0	109
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61	Free-Standing Hollow Carbon Fibers as High-Capacity Containers for Stable Lithium Metal Anodes. <i>Joule</i> , 2017, 1, 563-575.	11.7	329
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77	Columnar Lithium Metal Anodes. Angewandte Chemie, 2017, 129, 14395-14399.	1.6	51
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147	Highly Fluorinated Interphases Enable High-Voltage Li-Metal Batteries. <i>CheM</i> , 2018, 4, 174-185.	5.8	682
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