

Wood-Inspired High-Performance Ultrathick Bulk B

Advanced Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Wood-derived Hierarchically Porous Electrodes for High-Performance All-Solid-State Supercapacitors. <i>Advanced Functional Materials</i> , 2018, 28, 1806207.	7.8	170
2	Opportunities for Rechargeable Solid-State Batteries Based on Li-Intercalation Cathodes. <i>Joule</i> , 2018, 2, 2208-2224.	11.7	153
3	Nanocellulose toward Advanced Energy Storage Devices: Structure and Electrochemistry. <i>Accounts of Chemical Research</i> , 2018, 51, 3154-3165.	7.6	251
4	Conductive Cellulose Nanofiber Enabled Thick Electrode for Compact and Flexible Energy Storage Devices. <i>Advanced Energy Materials</i> , 2018, 8, 1802398.	10.2	163
5	The synthesis, characterization and electrochemical performance of hollow sandwich microtubules composed of ultrathin Co_3O_4 nanosheets and porous carbon using a bio-templete. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18987-18993.	5.2	24
6	Three-dimensional carbon nanosheets derived from micro-morphologically regulated biomass for ultrahigh-performance supercapacitors. <i>Carbon</i> , 2019, 153, 707-716.	5.4	61
7	Structural Rigging of Lignin Precursors for Customized Porous and Graphene-Like Carbons towards Enhanced Supercapacitive Performance in Aqueous and Non-Aqueous Electrolytes. <i>ChemElectroChem</i> , 2019, 6, 3949-3958.	1.7	4
8	Thick Electrode Batteries: Principles, Opportunities, and Challenges. <i>Advanced Energy Materials</i> , 2019, 9, 1901457.	10.2	407
9	Bioinspired Unidirectional Silk Fibroin-Silver Compound Nanowire Composite Scaffold via Interface-Mediated In Situ Synthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14152-14156.	7.2	19
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11	Effective Recycling of the Whole Cathode in Spent Lithium Ion Batteries: From the Widely Used Oxides to High-Energy/Stable Phosphates. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	9
12	Synthesis of Metal Oxide Nanoparticles by Rapid, High-Temperature 3D Microwave Heating. <i>Advanced Functional Materials</i> , 2019, 29, 1904282.	7.8	65
13	Biomaterials for High-Energy Lithium-Based Batteries: Strategies, Challenges, and Perspectives. <i>Advanced Energy Materials</i> , 2019, 9, 1901774.	10.2	73
14	Promoting Transport Kinetics in Li-Ion Battery with Aligned Porous Electrode Architectures. <i>Nano Letters</i> , 2019, 19, 8255-8261.	4.5	104
15	Ultralight carbon aerogel with tubular structures and N-containing sandwich-like wall from kapok fibers for supercapacitor electrode materials. <i>Journal of Power Sources</i> , 2019, 438, 227030.	4.0	50
16	Low-tortuosity and graded lithium ion battery cathodes by ice templating. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21421-21431.	5.2	77
17	Ultrahigh-Capacity and Fire-Resistant LiFePO_4 -Based Composite Cathodes for Advanced Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1802930.	10.2	114
18	Fabrication of three-dimensional microtubular kapok fiber carbon aerogel/ RuO_2 composites for supercapacitors. <i>Electrochimica Acta</i> , 2019, 300, 225-234.	2.6	52

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19	Nature-Inspired Tri-Pathway Design Enabling High-Performance Flexible LiO ₂ Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1802964.	10.2	121
20	Additive Manufacturing of 3D-Architected Multifunctional Metal Oxides. <i>Advanced Materials</i> , 2019, 31, e1901345.	11.1	68
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