

All-wood, low tortuosity, aqueous, biodegradable supercapacitance

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Granadilla-Inspired Structure Design for Conversion/Alloy-Reaction Electrode with Integrated Lithium Storage Behaviors. ACS Applied Materials & Interfaces, 2017, 9, 15470-15476.	4.0	11
2	A Metal-Free and Biologically Degradable Battery for Portable Single-Use Applications. Advanced Energy Materials, 2017, 7, 1700275.	10.2	64
3	Scalable, anisotropic transparent paper directly from wood for light management in solar cells. Nano Energy, 2017, 36, 366-373.	8.2	117
4	Enabling High-Areal-Capacity Lithium-Sulfur Batteries: Designing Anisotropic and Low-Tortuosity Porous Architectures. ACS Nano, 2017, 11, 4801-4807.	7.3	151
5	Highly Conductive, Lightweight, Low-Tortuosity Carbon Frameworks as Ultrathick 3D Current Collectors. Advanced Energy Materials, 2017, 7, 1700595.	10.2	210
6	Porous carbon derived from Ailanthus altissima with unique honeycomb-like microstructure for high-performance supercapacitors. New Journal of Chemistry, 2017, 41, 4281-4285.	1.4	37
7	An in situ grown bacterial nanocellulose/graphene oxide composite for flexible supercapacitors. Journal of Materials Chemistry A, 2017, 5, 13976-13982.	5.2	53
8	Nitrogen-rich hard carbon as a highly durable anode for high-power potassium-ion batteries. Energy Storage Materials, 2017, 8, 161-168.	9.5	408
9	Poly(p-phenylene)-based membrane materials with excellent cell efficiencies and durability for use in vanadium redox flow batteries. Journal of Materials Chemistry A, 2017, 5, 12285-12296.	5.2	41
10	High Performance, Flexible, Solid-State Supercapacitors Based on a Renewable and Biodegradable Mesoporous Cellulose Membrane. Advanced Energy Materials, 2017, 7, 1700739.	10.2	202
11	Co ₃ O ₄ nanoneedle@electroactive nickel boride membrane core/shell arrays: A novel hybrid for enhanced capacity. Electrochimica Acta, 2017, 246, 226-233.	2.6	27
12	Highly Flexible and Efficient Solar Steam Generation Device. Advanced Materials, 2017, 29, 1701756.	11.1	584
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15	Ternary Ni-Co-F Nanocrystal-Based Supercapacitors. Chemistry - A European Journal, 2017, 23, 6896-6904.	1.7	36
16	Enabling high-volumetric-energy-density supercapacitors: designing open, low-tortuosity heteroatom-doped porous carbon-tube bundle electrodes. Journal of Materials Chemistry A, 2017, 5, 23085-23093.	5.2	158
17	In situ encapsulated Fe ₃ O ₄ nanosheet arrays with graphene layers as an anode for high-performance asymmetric supercapacitors. Journal of Materials Chemistry A, 2017, 5, 24594-24601.	5.2	105
18	Tremella derived ultrahigh specific surface area activated carbon for high performance supercapacitor. Materials Chemistry and Physics, 2017, 201, 399-407.	2.0	61

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19	Mass Production and Pore Size Control of Holey Carbon Microcages. <i>Angewandte Chemie</i> , 2017, 129, 13978-13982.	1.6	8
20	Mass Production and Pore Size Control of Holey Carbon Microcages. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13790-13794.	7.2	39
21	Evaluation of Redox Chemistries for Single-Use Biodegradable Capillary Flow Batteries. <i>Journal of the Electrochemical Society</i> , 2017, 164, A2448-A2456.	1.3	19
22	Revitalizing carbon supercapacitor electrodes with hierarchical porous structures. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17705-17733.	5.2	464
23	A conductive wood membrane anode improves effluent quality of microbial fuel cells. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 940-946.	1.2	19
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29	Bio-inspired high-performance solid-state supercapacitors with the electrolyte, separator, binder and electrodes entirely from <i>cellulose</i> . <i>Journal of Materials Chemistry A</i> , 2017, 5, 25282-25292.	5.2	85
30	Ultra-facile fabrication of phosphorus doped egg-like hierarchic porous carbon with superior supercapacitance performance by microwave irradiation combining with self-activation strategy. <i>Journal of Power Sources</i> , 2017, 372, 260-269.	4.0	59
31	Flexible, aqueous-electrolyte supercapacitors based on water-processable dioxothiophene polymer/carbon nanotube textile electrodes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23887-23897.	5.2	40
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35	Carbonized silk georgette as an ultrasensitive wearable strain sensor for full-range human activity monitoring. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7604-7611.	2.7	147
36	Internal Asymmetric Tandem Supercapacitor for High Working Voltage along with Superior Rate Performance. <i>ACS Energy Letters</i> , 2017, 2, 1720-1728.	8.8	24

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40	Boosting the electrochemical capacitive properties of polypyrrole using carboxylated graphene oxide as a new dopant. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7893-7903.	1.1	9
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111	Mussel Adhesive-Inspired Design of Superhydrophobic Nanofibrillated Cellulose Aerogels for Oil/Water Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9047-9055.	3.2	125
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128	Diffusion-determined assembly of all-climate supercapacitors <i>via</i> bioinspired aligned gels. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19753-19760.	5.2	25
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135	Synthesis of Metal Oxide Nanoparticles by Rapid, High-Temperature 3D Microwave Heating. <i>Advanced Functional Materials</i> , 2019, 29, 1904282.	7.8	65
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141	N, S co-doped porous carbons from natural <i>Juncus effusus</i> for high performance supercapacitors. <i>Diamond and Related Materials</i> , 2019, 100, 107577.	1.8	34
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