

Ultrahigh-power micrometre-sized supercapacitors based on

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Citation Report

#	ARTICLE	IF	CITATIONS
12	Proton Conducting Heteropoly Acid Based Electrolyte for High Rate Solid Electrochemical Capacitors. Journal of the Electrochemical Society, 2011, 158, A1371.	2.9	17
13	A First Principles Approach to Develop a Dynamic Model of Electrochemical Capacitors. IEEE Transactions on Power Electronics, 2011, 26, 3472-3480.	7.9	17
14	Accurate Simulations of Electric Double Layer Capacitance of Ultramicroelectrodes. Journal of Physical Chemistry C, 2011, 115, 16711-16719.	3.1	238
15	Preparation of Carbon Nano-Onions and Their Application as Anode Materials for Rechargeable Lithium-Ion Batteries. Journal of Physical Chemistry C, 2011, 115, 8923-8927.	3.1	143
16	Directed Assembly of Nanoparticles along Predictable Large-Scale Patterns Using Micromolded Hydrogels. Langmuir, 2011, 27, 6598-6605.	3.5	10
17	Carbon coated textiles for flexible energy storage. Energy and Environmental Science, 2011, 4, 5060.	30.8	486
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28	Nanostructured carbon-based electrodes: bridging the gap between thin-film lithium-ion batteries and electrochemical capacitors. Energy and Environmental Science, 2011, 4, 1972.	30.8	346
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#	ARTICLE	IF	CITATIONS
1306	Facile Synthesis of Crumpled Nitrogen-Doped MXene Nanosheets as a New Sulfur Host for Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1702485.	19.5	488
1307	MXene electrochemical microsupercapacitor integrated with triboelectric nanogenerator as a wearable self-charging power unit. <i>Nano Energy</i> , 2018, 45, 266-272.	16.0	333
1308	Carbon Nano-onions as Photosensitizers: Stacking-Induced Red-Shift. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2422-2431.	3.1	22
1309	Nitrogen-doped graphitic hierarchically porous carbon nanofibers obtained via bimetallic-coordination organic framework modification and their application in supercapacitors. <i>Dalton Transactions</i> , 2018, 47, 7316-7326.	3.3	27
1310	Prepared multifunctional aerogel for high performance supercapacitors and effective adsorbents. <i>Materials Research Express</i> , 2018, 5, 055508.	1.6	1
1311	Facile synthesis of Cu _{1.96} S nanoparticles for enhanced energy density in flexible all-solid-state asymmetric supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 11187-11198.	2.2	9
1312	3-dimensional interconnected framework of N-doped porous carbon based on sugarcane bagasse for application in supercapacitors and lithium ion batteries. <i>Journal of Power Sources</i> , 2018, 390, 186-196.	7.8	94
1313	Surface modulation of NiCo ₂ O ₄ nanowire arrays with significantly enhanced reactivity for ultrahigh-energy supercapacitors. <i>Chemical Engineering Journal</i> , 2018, 352, 996-1003.	12.7	74
1314	Inkjet printing of MnO ₂ nanosheets for flexible solid-state micro-supercapacitor. <i>Nano Energy</i> , 2018, 49, 481-488.	16.0	221
1315	Controllable synthesis of bifunctional porous carbon for efficient gas-mixture separation and high-performance supercapacitor. <i>Chemical Engineering Journal</i> , 2018, 348, 57-66.	12.7	125
1316	Observation of defective mixed Russian doll / jelly roll structure and pseudo-capacitor properties in carbon onions/nanotubes radial structures filled with continuous Fe ₃ C crystals. <i>Diamond and Related Materials</i> , 2018, 85, 80-88.	3.9	3
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1320	Construction of microfluidic-oriented polyaniline nanorod arrays/graphene composite fibers for application in wearable micro-supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8940-8946.	10.3	87
1321	Nitrogen-rich hollow carbon spheres decorated with FeCo/fluorine-rich carbon for high performance symmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7522-7531.	10.3	33
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1347	Direct fabrication of two-dimensional copper sulfide nanoplates on transparent conducting glass for planar supercapacitor. <i>Journal of Alloys and Compounds</i> , 2018, 735, 2378-2383.	5.5	25
1348	Onion-like carbon as dopant/modification-free electrocatalyst for [VO] ₂ ⁺ /[VO] ₂ ⁺ redox reaction: Performance-control mechanism. <i>Carbon</i> , 2018, 127, 31-40.	10.3	11
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1354	Two-dimensional organic cathode materials for alkali-metal-ion batteries. <i>Journal of Energy Chemistry</i> , 2018, 27, 86-98.	12.9	56
1355	Recent Advances in Flexible/Stretchable Supercapacitors for Wearable Electronics. <i>Small</i> , 2018, 14, e1702829.	10.0	208
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1358	Recent Advances toward Achieving Highâ€“Performance Carbonâ€“Fiber Materials for Supercapacitors. <i>ChemElectroChem</i> , 2018, 5, 571-582.	3.4	54
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1361	Effect of Adding Activated Carbon of Palm Kernel Shell on Carbon Papers as Electrochemical Double Layer Capacitors. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 209, 012021.	0.3	0
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1379	A Core-Shell Strategy for Improving Alloy Catalyst Activity for Continual Growth of Hollow Carbon Onions. <i>Crystal Growth and Design</i> , 2018, 18, 7470-7480.	3.0	10
1380	Electrocatalytic Water Oxidation at Quinone-on-Carbon: A Model System Study. <i>Journal of the American Chemical Society</i> , 2018, 140, 14717-14724.	13.7	48
1381	Symmetric All-Solid-State Supercapacitor Operating at 1.5 V Using a Redox-Active Gel Electrolyte. <i>ACS Applied Energy Materials</i> , 2018, 1, 5800-5809.	5.1	30
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1392	Two-dimensional materials for miniaturized energy storage devices: from individual devices to smart integrated systems. <i>Chemical Society Reviews</i> , 2018, 47, 7426-7451.	38.1	384
1393	Plasma Heavily Nitrogen-Doped Vertically Oriented Graphene Nanosheets (N-VOGNs) for High Volumetric Performance On-Chip Supercapacitors in Ionic Liquid. <i>Current Smart Materials</i> , 2018, 3, 32-39.	0.5	1
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1397	Efficient and scalable synthesis of highly aligned and compact two-dimensional nanosheet films with record performances. <i>Nature Communications</i> , 2018, 9, 3484.	12.8	165
1398	Porous Activated Carbons Derived from <i>Pleurotus eryngii</i> for Supercapacitor Applications. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-10.	2.7	15
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1403	Conductive Hydrogels as Smart Materials for Flexible Electronic Devices. <i>Chemistry - A European Journal</i> , 2018, 24, 16930-16943.	3.3	215
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1405	All-solid-state flexible planar lithium ion micro-capacitors. <i>Energy and Environmental Science</i> , 2018, 11, 2001-2009.	30.8	160
1406	Screen-printable microscale hybrid device based on MXene and layered double hydroxide electrodes for powering force sensors. <i>Nano Energy</i> , 2018, 50, 479-488.	16.0	176
1407	Substrate Engineered Interconnected Graphene Electrodes with Ultrahigh Energy and Power Densities for Energy Storage Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21235-21245.	8.0	11
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1410	Highly nitrogen-doped graphitic carbon fibers from sustainable plant protein for supercapacitor. <i>Industrial Crops and Products</i> , 2018, 121, 226-235.	5.2	47
1411	Hierarchical Pore-Patterned Carbon Electrodes for High-Volumetric Energy Density Micro-Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19682-19688.	8.0	19
1412	Water-Soluble Hybrid Graphene Ink for Gravure-Printed Planar Supercapacitors. <i>Advanced Electronic Materials</i> , 2018, 4, 1800059.	5.1	42
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1427	Engineered Nanomaterials for Renewable Energy. , 2018, , 829-845.		2
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2243	Cotton Fibers/Pva Based Neutral Hydrogel with Al ³⁺ as Electrolyte Additive for High Performance Supercapacitors. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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