

Effect of nitrogen in carbon electrode on the supercapacitance

Chemical Physics Letters

404, 53-58

DOI: [10.1016/j.cplett.2005.01.074](https://doi.org/10.1016/j.cplett.2005.01.074)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Self-Supporting Electrode for Supercapacitors Prepared by One-Step Pyrolysis of Carbon Nanotube/Polyacrylonitrile Blends. <i>Advanced Materials</i> , 2005, 17, 2380-2384.	11.1	298
2	Nanotubes Based Composites for Energy Storage in Supercapacitors. <i>Advances in Science and Technology</i> , 2006, 51, 145-155.	0.2	1
3	Electrochemical Performance of Nitrogen-Enriched Carbons in Aqueous and Non-Aqueous Supercapacitors. <i>Chemistry of Materials</i> , 2006, 18, 2318-2326.	3.2	427
4	The Large Electrochemical Capacitance of Microporous Doped Carbon Obtained by Using a Zeolite Template. <i>Advanced Functional Materials</i> , 2007, 17, 1828-1836.	7.8	492
5	Resorcinol-formaldehyde based porous carbon as an electrode material for supercapacitors. <i>Carbon</i> , 2007, 45, 160-165.	5.4	90
6	Preparation and electrochemical characteristics of N-enriched carbon foam. <i>Carbon</i> , 2007, 45, 1105-1107.	5.4	147
7	Nitrogen-containing carbon spheres with very large uniform mesopores: The superior electrode materials for EDLC in organic electrolyte. <i>Carbon</i> , 2007, 45, 1757-1763.	5.4	330
8	Easy preparation of nitrogen-enriched carbon materials from peptides of silk fibroins and their use to produce a high volumetric energy density in supercapacitors. <i>Carbon</i> , 2007, 45, 2116-2125.	5.4	220
9	Nitrogen enriched mesoporous carbon spheres obtained by a facile method and its application for electrochemical capacitor. <i>Electrochemistry Communications</i> , 2007, 9, 569-573.	2.3	255
10	Nanotubes based composites rich in nitrogen for supercapacitor application. <i>Electrochemistry Communications</i> , 2007, 9, 1828-1832.	2.3	239
11	Can conductivity measurements serve as a tool for assessing pseudocapacitance processes occurring on carbon electrodes?. <i>Journal of Electroanalytical Chemistry</i> , 2007, 602, 195-202.	1.9	5
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14	Preparation and characterization of carbonaceous materials containing nitrogen as electrochemical capacitor. <i>Journal of Power Sources</i> , 2007, 172, 481-486.	4.0	70
15	Electrochemical capacitor performance of N-doped mesoporous carbons prepared by ammoxidation. <i>Journal of Power Sources</i> , 2008, 180, 671-675.	4.0	182
16	Chemical state of nitrogen in carbon aerogels issued from phenolâ€“melamineâ€“formaldehyde gels. <i>Carbon</i> , 2008, 46, 1259-1262.	5.4	67
17	Pyroelectric temperature sensitization of multi-wall carbon nanotube papers. <i>Carbon</i> , 2008, 46, 1262-1265.	5.4	6
18	Capacitance behaviour of brown coal based active carbon modified through chemical reaction with urea. <i>Electrochimica Acta</i> , 2008, 53, 5469-5475.	2.6	130

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19	Review on Engineering and Characterization of Activated Carbon Electrodes for Electrochemical Double Layer Capacitors and Separation Processes. <i>Israel Journal of Chemistry</i> , 2008, 48, 287-303.	1.0	17
20	Higher Harmonic Large-Amplitude Fourier Transformed Alternating Current Voltammetry: Analytical Attributes Derived from Studies of the Oxidation of Ferrocenemethanol and Uric Acid at a Glassy Carbon Electrode. <i>Analytical Chemistry</i> , 2008, 80, 4614-4626.	3.2	47
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22	Tuning Carbon Materials for Supercapacitors by Direct Pyrolysis of Seaweeds. <i>Advanced Functional Materials</i> , 2009, 19, 1032-1039.	7.8	566
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39	Pseudocapacitance Effects for Enhancement of Capacitor Performance. <i>Fuel Cells</i> , 2010, 10, 848-855.	1.5	30
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