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Roles of nanosized Fe₃O₄ on supercapacitive properties of carbon nanotubes

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#	Paper	IF	Citations
97	Self-Generated Nanoporous Silver Framework for High-Performance Iron Oxide Pseudocapacitor Anodes.		
96	Achieving high specific charge capacitances in Fe ₃ O ₄ /reduced graphene oxide nanocomposites. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3422		378
95	General synthesis of carbon nanocages and their adsorption of toxic compounds from cigarette smoke. <i>Nanoscale</i> , 2011 , 3, 3251-7	7.7	46
94	2D sandwich-like sheets of iron oxide grown on graphene as high energy anode material for supercapacitors. <i>Advanced Materials</i> , 2011 , 23, 5574-80	24	489
93	Microwave synthesis of graphene/magnetite composite electrode material for symmetric supercapacitor with superior rate performance. <i>RSC Advances</i> , 2012 , 2, 12322-12328	3.7	112
92	Facile synthetic fabrication of iron oxide particles and novel hydrogen superoxide supercapacitors. <i>RSC Advances</i> , 2012 , 2, 6672	3.7	65
91	Synthesis of activated carbon nanotube/copper oxide composites and their electrochemical performance. <i>Journal of Alloys and Compounds</i> , 2012 , 530, 6-10	5.7	110
90	Influence of iron (III) acetylacetonate on structure and electrical conductivity of Fe ₃ O ₄ /carbon composite nanofibers. <i>Polymer</i> , 2012 , 53, 6000-6007	3.9	12
89	Carbon-based electrochemical capacitors. <i>ChemSusChem</i> , 2012 , 5, 480-99	8.3	436
88	Interactive effects of pore size control and carbonization temperatures on supercapacitive behaviors of porous carbon/carbon nanotube composites. <i>Journal of Colloid and Interface Science</i> , 2012 , 377, 307-12	9.3	12
87	Influence of metal oxide nanoparticles on pseudocapacitive behavior of wet-spun polyaniline-multiwall carbon nanotube fibers. <i>Electrochimica Acta</i> , 2012 , 70, 182-192	6.7	60
86	Fabrication and supercapacitive properties of Fe ₂ O ₃ @C nanocomposites. <i>Materials Letters</i> , 2012 , 80, 121-123	3.3	16
85	Synthesis and characterization of a nanocomposite of goethite nanorods and reduced graphene oxide for electrochemical capacitors. <i>Journal of Solid State Chemistry</i> , 2012 , 185, 191-197	3.3	111
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82	Influence of carbon nanofibers on electrochemical properties of carbon nanofibers/glass fibers composites. <i>Current Applied Physics</i> , 2013 , 13, 640-644	2.6	11
81	Influence of component content on the capacitance of magnetite/reduced graphene oxide composite. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 698, 1-8	4.1	57

80	Synthesis of carbon-coated Fe ₃ O ₄ nanorods as electrode material for supercapacitor. <i>Ionics</i> , 2013 , 19, 1255-1261	2.7	54
79	Fe ₃ O ₄ /carbon composite nanofiber absorber with enhanced microwave absorption performance. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013 , 178, 1-9	3.1	90
78	Functionalized Carbon Nanotube Supercapacitor Electrodes: A Review on Pseudocapacitive Materials. <i>ECS Journal of Solid State Science and Technology</i> , 2013 , 2, M3170-M3177	2	100
77	Electrochemical studies on nanometal oxide-activated carbon composite electrodes for aqueous supercapacitors. <i>Functional Materials Letters</i> , 2014 , 07, 1440012	1.2	20
76	Fe ₃ O ₄ /carbon hybrid nanoparticle electrodes for high-capacity electrochemical capacitors. <i>ChemSusChem</i> , 2014 , 7, 1676-83	8.3	37
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74	Heat-Treated Fe ₃ O ₄ - Activated Carbon Nanocomposite for High Performance Electrochemical Capacitor. <i>Advanced Materials Research</i> , 2014 , 894, 349-354	0.5	1
73	Fe ₃ O ₄ @C core-shell microspheres: synthesis, characterization, and application as supercapacitor electrodes. <i>Journal of Solid State Electrochemistry</i> , 2014 , 18, 1067-1076	2.6	34
72	Coal tar residues-based nanostructured activated carbon/Fe ₃ O ₄ composite electrode materials for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2014 , 18, 665-672	2.6	34
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