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Graphene based new energy materials

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#	Paper	IF	Citations
1715	Hierarchical self-assembly of Mn ₂ Mo ₃ O ₈ /graphene nanostructures and their enhanced lithium-storage properties. 2011 , 21, 17229		47
1714	Ionic liquid modified graphene nanosheets anchoring manganese oxide nanoparticles as efficient electrocatalysts for Zn/Bi batteries. <i>Energy and Environmental Science</i> , 2011 , 4, 4148	35.4	170
1713	Reversible adsorption of conjugated amphiphilic dendrimers onto reduced graphene oxide (rGO) for fluorescence sensing. 2011 , 7, 8352		16
1712	What is the choice for supercapacitors: graphene or graphene oxide?. <i>Energy and Environmental Science</i> , 2011 , 4, 2826	35.4	568
1711	Multilayer nanoassembly of Sn-nanopillar arrays sandwiched between graphene layers for high-capacity lithium storage. <i>Energy and Environmental Science</i> , 2011 , 4, 3611	35.4	204
1710	L-cysteine-assisted synthesis of layered MoS ₂ /graphene composites with excellent electrochemical performances for lithium ion batteries. 2011 , 5, 4720-8		1409
1709	Supercapacitors based on self-assembled graphene organogel. 2011 , 13, 17249-54		108
1708	Graphdiyne: a versatile nanomaterial for electronics and hydrogen purification. 2011 , 47, 11843-5		289
1707	Chemically-modified graphenes for oxidation of DNA bases: analytical parameters. 2011 , 136, 4738-44		38
1706	Graphene oxide nanosheets/multi-walled carbon nanotubes hybrid as an excellent electrocatalytic material towards VO ₂ ⁺ /VO ₂ ⁺ redox couples for vanadium redox flow batteries. <i>Energy and Environmental Science</i> , 2011 , 4, 4710	35.4	252
1705	A self-assembled hierarchical nanostructure comprising carbon spheres and graphene nanosheets for enhanced supercapacitor performance. <i>Energy and Environmental Science</i> , 2011 , 4, 4504	35.4	326
1704	Preparation of Tunable 3D Pillared Carbon Nanotube/Graphene Networks for High-Performance Capacitance. 2011 , 23, 4810-4816		342
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1702	Carbon nanotubes grown in situ on graphene nanosheets as superior anodes for Li-ion batteries. 2011 , 3, 4323-9		104
1701	Flexible graphene/MnO ₂ composite papers for supercapacitor electrodes. 2011 , 21, 14706		344
1700	High-performance supercapacitor electrodes based on graphene hydrogels modified with 2-aminoanthraquinone moieties. 2011 , 13, 11193-8		151
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1697	Nanostructure control of graphene-composited TiO ₂ by a one-step solvothermal approach for high performance dye-sensitized solar cells. 2011 , 3, 4613-6	94
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