

Nanoscale design to enable the revolution in renewable

Energy and Environmental Science

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Solar Energy Conversion. , 0, , 171-207.		2
2	In-situ Encapsulation of Nickel Particles in Electrospun Carbon Nanofibers and the Resultant Electrochemical Performance. Chemistry - A European Journal, 2009, 15, 10718-10722.	1.7	80
3	Photovoltaics literature survey (No. 72). Progress in Photovoltaics: Research and Applications, 2009, 17, 432-439.	4.4	0
4	Controllable Synthesis of Single-Walled Carbon Nanotube Framework Membranes and Capsules. Nano Letters, 2009, 9, 4279-4284.	4.5	16
5	Fabrication of carbon nanofiber-driven electrodes from electrospun polyacrylonitrile/polypyrrole bicomponents for high-performance rechargeable lithium-ion batteries. Journal of Power Sources, 2010, 195, 2050-2056.	4.0	154
7	Computational approaches to charge transfer excitations in a zinc tetraphenylporphyrin and C70 complex. Journal of Chemical Physics, 2010, 132, 104102.	1.2	28
8	Synthesis of mesoporous titanium dioxide by soft template based approach: characterization and application in dye-sensitized solar cells. Energy and Environmental Science, 2010, 3, 838.	15.6	98
9	Evaluation of Si/carbon composite nanofiber-based insertion anodes for new-generation rechargeable lithium-ion batteries. Energy and Environmental Science, 2010, 3, 124-129.	15.6	130
10	System optimization of hot water concentrated solar thermoelectric generation. , 2010, , .		3
11	Study of the Interaction between Silica Surfaces and the Carbon Dioxide Molecule. Journal of Physical Chemistry C, 2010, 114, 17773-17787.	1.5	67
12	Temperature-Induced Uptake of CO ₂ and Formation of Carbamates in Mesoporous Silica Modified with <i>n</i> -Propylamines. Langmuir, 2010, 26, 10013-10024.	1.6	155
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14	Optimized thermoelectric properties of Mo ₃ Sb ₇ Te _x with significant phonon scattering by electrons. Energy and Environmental Science, 2011, 4, 4086.	15.6	77
15	Towards understanding the nanofluidic reverse electrodialysis system: well matched charge selectivity and ionic composition. Energy and Environmental Science, 2011, 4, 2259.	15.6	168
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17	Self-assembled lithium manganese oxide nanoparticles on carbon nanotube or graphene as high-performance cathode material for lithium-ion batteries. Journal of Materials Chemistry, 2011, 21, 17297.	6.7	62
19	Structural, Thermal, and Physical Properties of the Thallium Zirconium Telluride Tl ₂ ZrTe ₃ . Chemistry of Materials, 2011, 23, 3886-3891.	3.2	13
20	Near Unity Photon-to-Electron Conversion Efficiency of Photoelectrochemical Cells Built on Cationic Water-Soluble Porphyrins Electrostatically Decorated onto Thin-Film Nanocrystalline SnO ₂ Surface. ACS Applied Materials & Interfaces, 2011, 3, 2368-2376.	4.0	26

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21	Carbon Dioxide Sorbents with Propylamine Groups ^â Silica Functionalized with a Fractional Factorial Design Approach. <i>Langmuir</i> , 2011, 27, 3822-3834.	1.6	45
23	The Evolution of Nanothermoelectricity. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1329, 1.	0.1	1
24	Multiconstituent Synthesis of LiFePO ₄ /C Composites with Hierarchical Porosity as Cathode Materials for Lithium Ion Batteries. <i>Chemistry of Materials</i> , 2011, 23, 3237-3245.	3.2	101
25	Nitrogen-containing microporous carbon nanospheres with improved capacitive properties. <i>Energy and Environmental Science</i> , 2011, 4, 717-724.	15.6	852
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29	Light scattering by nanostructured anti-reflection coatings. <i>Energy and Environmental Science</i> , 2011, 4, 3436.	15.6	94
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31	Plasma production of nanodevice-grade semiconductor nanocrystals. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 174009.	1.3	15
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