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Solid-state dye-sensitized and bulk heterojunction solar cells using TiO₂ and ZnO nanostructures: recent progress and new concepts at the borderline

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#	Paper	IF	Citations
98	Diphenylamino-substituted derivatives of 9-phenylcarbazole as glass-forming hole-transporting materials for solid state dye sensitized solar cells. <i>Synthetic Metals</i> , 2012 , 162, 1997-2004	3.6	18
97	Atomistic Investigation of the Solid-Liquid Interface between the Crystalline Zinc Oxide Surface and the Liquid Tetrahydrofuran Solvent. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 12644-12648	3.8	7
96	Excitation Energy Dependent Charge Separation at Hole-Transporting Dye/TiO ₂ Hetero Interface. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 21148-21156	3.8	4
95	Graphene based catalysts. <i>Energy and Environmental Science</i> , 2012 , 5, 8848	35.4	642
94	Synthesis and characterization of carboxystyryl end-functionalized poly(3-hexylthiophene)/TiO ₂ hybrids in view of photovoltaic applications. <i>Synthetic Metals</i> , 2012 , 162, 1615-1622	3.6	20
93	Temperature-stable and optically transparent thin-film zinc oxide aerogel electrodes as model systems for 3D interpenetrating organic-inorganic heterojunction solar cells. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 6522-9	9.5	11
92	The effect of selective interactions at the interface of polymer-oxide hybrid solar cells. <i>Energy and Environmental Science</i> , 2012 , 5, 9068	35.4	42
91	Controlling Morphological Parameters of Anodized Titania Nanotubes for Optimized Solar Energy Applications. <i>Materials</i> , 2012 , 5, 1890-1909	3.5	46
90	The origin and development of (plastic) organic electronics. <i>Polymer International</i> , 2012 , 61, 337-341	3.3	11
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88	ChemInform Abstract: Solid-State Dye-Sensitized and Bulk Heterojunction Solar Cells Using TiO ₂ and ZnO Nanostructures: Recent Progress and New Concepts at the Borderline. <i>ChemInform</i> , 2012 , 43, no-no		
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