

Enhance the Optical Absorptivity of Nanocrystalline TiO₂ by High Molar Extinction Coefficient Ruthenium Sensitizers for Solar Cells

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Citation Report

#	ARTICLE	IF	CITATIONS
1	High-Performance Liquid and Solid Dye-Sensitized Solar Cells Based on a Novel Metal-Free Organic Sensitizer. <i>Advanced Materials</i> , 2008, 20, 4460-4463.	11.1	154
2	Molecular Design of Thin Film Optoelectronic Materials for Solar Cells. <i>Journal of the American Chemical Society</i> , 2008, 130, 12201-12203.	6.6	18
3	Simple organic molecules bearing a 3,4-ethylenedioxythiophene linker for efficient dye-sensitized solar cells. <i>Chemical Communications</i> , 2008, , 5152.	2.2	195
4	Dye-Sensitized Solar Cells with Solvent-Free Ionic Liquid Electrolytes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13775-13781.	1.5	126
5	New Efficiency Records for Stable Dye-Sensitized Solar Cells with Low-Volatility and Ionic Liquid Electrolytes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17046-17050.	1.5	197
6	Energy-Level and Molecular Engineering of Organic D- π -A Sensitizers in Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19770-19776.	1.5	172
7	New Organic Sensitizer for Stable Dye-Sensitized Solar Cells with Solvent-Free Ionic Liquid Electrolytes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17478-17485.	1.5	73
8	The Effect of Dye Density on the Efficiency of Photosensitization of TiO ₂ Films: Light-Harvesting by Phenothiazine-Labelled Dendritic Ruthenium Complexes. <i>Molecules</i> , 2009, 14, 3851-3867.	1.7	6
9	Fabrication and performance of a monolithic dye-sensitized TiO ₂ /Cu(In,Ga)Se ₂ thin film tandem solar cell. <i>Applied Physics Letters</i> , 2009, 94, 173508.	1.5	49
10	Layering of [BMIM] ⁺ -based ionic liquids at a charged sapphire interface. <i>Journal of Chemical Physics</i> , 2009, 131, 094701.	1.2	127
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13	Synthesis and characterization of Nb doped titania for dye sensitized solar cells. , 2009, , .		1
14	The Effect of UV-Irradiation (under Short-Circuit Condition) on Dye-Sensitized Solar Cells Sensitized with a Ru-Complex Dye Functionalized with a (diphenylamino)Styryl-Thiophen Group. <i>International Journal of Photoenergy</i> , 2009, 2009, 1-9.	1.4	4
15	Solvent-Free Ionic Liquid Electrolytes for Mesoscopic Dye-Sensitized Solar Cells. <i>Advanced Functional Materials</i> , 2009, 19, 2187-2202.	7.8	423
16	Pore-Filling of Spiro-OMeTAD in Solid-State Dye Sensitized Solar Cells: Quantification, Mechanism, and Consequences for Device Performance. <i>Advanced Functional Materials</i> , 2009, 19, 2431-2436.	7.8	258
17	Solid-Phase Synthesis of Peptide Libraries Combining α -Amino Acids with Inorganic and Organic Chromophores. <i>Chemistry - A European Journal</i> , 2009, 15, 1346-1358.	1.7	43
18	Light-Driven Charge Separation in Isoxazolidine-Perylene Bisimide Dyads. <i>Chemistry - A European Journal</i> , 2009, 15, 12733-12744.	1.7	18

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19	A Dendritic Oligothiophene Ruthenium Sensitizer for Stable Dye-Sensitized Solar Cells. <i>ChemSusChem</i> , 2009, 2, 761-768.	3.6	35
20	Resonance Raman Studies of Bis(terpyridine)ruthenium(II) Amino Acid Esters and Diesters. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3119-3126.	1.0	32
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