

Thierry Lutz

List of Publications by Year in descending order

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16
papers

1,890
citations

623734

14
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996975

15
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docs citations

17
times ranked

2911
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Charge Recombination Dynamics in Dye Sensitized Solar Cells by the Use of Conformally Deposited Metal Oxide Blocking Layers. <i>Journal of the American Chemical Society</i> , 2003, 125, 475-482.	13.7	1,020
2	Electron Dynamics in Nanocrystalline ZnO and TiO ₂ Films Probed by Potential Step Chronoamperometry and Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2002, 106, 7605-7613.	2.6	131
3	Direct Growth of Metal Sulfide Nanoparticle Networks in Solid-State Polymer Films for Hybrid Inorganic-Organic Solar Cells. <i>Advanced Materials</i> , 2011, 23, 2739-2744.	21.0	128
4	Protein adsorption on nanoporous TiO ₂ films: a novel approach to studying photoinduced protein/electrode transfer reactions. <i>Faraday Discussions</i> , 2000, 116, 35-46.	3.2	87
5	Toward Antimony Selenide Sensitized Solar Cells: Efficient Charge Photogeneration at <i>spiro-OMeTAD/Sb₂S₃/Metal Oxide Heterojunctions</i> . <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1351-1356.	4.6	85
6	Influence of Crystallinity and Energetics on Charge Separation in Polymer-Inorganic Nanocomposite Films for Solar Cells. <i>Scientific Reports</i> , 2013, 3, 1531.	3.3	84
7	Solution Processed Polymer-Inorganic Semiconductor Solar Cells Employing Sb ₂ S ₃ as a Light Harvesting and Electron Transporting Material. <i>Advanced Energy Materials</i> , 2013, 3, 986-990.	19.5	69
8	Charge photogeneration in hybrid solar cells: A comparison between quantum dots and in situ grown CdS. <i>Nanoscale</i> , 2012, 4, 1561.	5.6	64
9	Sensitization of TiO ₂ with PbSe Quantum Dots by SILAR: How Mercaptophenol Improves Charge Separation. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3367-3372.	4.6	62
10	Electron and hole transfer at metal oxide/Sb ₂ S ₃ /spiro-OMeTAD heterojunctions. <i>Energy and Environmental Science</i> , 2012, 5, 9760.	30.8	55
11	Low-Temperature Solution Processing of Mesoporous Metal-Sulfide Semiconductors as Light-Harvesting Photoanodes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12047-12051.	13.8	28
12	Thermal decomposition of solution processable metal xanthates on mesoporous titanium dioxide films: a new route to quantum-dot sensitised heterojunctions. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16192.	2.8	27
13	From Stems (and Stars) to Roses: Shape-Controlled Synthesis of Zinc Oxide Crystals. <i>Crystal Growth and Design</i> , 2009, 9, 3432-3437.	3.0	25
14	Interfacial electron transfer on cytochrome-c sensitised conformally coated mesoporous TiO ₂ films. <i>Bioelectrochemistry</i> , 2008, 74, 142-148.	4.6	21
15	Low-Temperature Solution Processing of Mesoporous Metal-Sulfide Semiconductors as Light-Harvesting Photoanodes. <i>Angewandte Chemie</i> , 2013, 125, 12269-12273.	2.0	4
16	Engineering the shape of Zinc Oxide crystals via sonochemical or hydrothermal solution-based methods. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1087, 60401.	0.1	0