

Leo-Philipp Heiniger

List of Publications by Year in descending order

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papers

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1478505

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1872680

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1313
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#	ARTICLE	IF	CITATIONS
1	Mesoporous TiO ₂ Beads Offer Improved Mass Transport for Cobalt-Based Redox Couples Leading to High Efficiency Dye-Sensitized Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1400168.	19.5	65
2	Strong Photocurrent Amplification in Perovskite Solar Cells with a Porous TiO ₂ Blocking Layer under Reverse Bias. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3931-3936.	4.6	104
3	See-Through Dye-Sensitized Solar Cells: Photonic Reflectors for Tandem and Building Integrated Photovoltaics. <i>Advanced Materials</i> , 2013, 25, 5734-5741.	21.0	51
4	Diffusion and adsorption of dye molecules in mesoporous TiO ₂ photoelectrodes studied by indirect nanoplasmonic sensing. <i>Energy and Environmental Science</i> , 2013, 6, 3627.	30.8	16
5	Time-Resolved Indirect Nanoplasmonic Sensing Spectroscopy of Dye Molecule Interactions with Dense and Mesoporous TiO ₂ Films. <i>Nano Letters</i> , 2012, 12, 2397-2403.	9.1	24
6	Dye-Sensitized Solar Cells Employing a Single Film of Mesoporous TiO ₂ Beads Achieve Power Conversion Efficiencies Over 10%. <i>ACS Nano</i> , 2010, 4, 4420-4425.	14.6	412