Elena GuillÃ©n

List of Publications by Year
in descending order

16 papers	1,421 citations	759233 12 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	2595 citing authors

#	Article	IF	Citations
1	Solar selective coatings based on carbon: transition metal nanocomposites. , 2015, , .		0
2	Comprehensive Environmental Testing of Optical Properties in Thin Films. Procedia CIRP, 2014, 22, 271-276.	1.9	1
3	Perovskite Solar Cells Based on Nanocolumnar Plasmaâ€Deposited ZnO Thin Films. ChemPhysChem, 2014, 15, 1148-1153.	2.1	59
4	Highly efficient flexible cathodes for dye sensitized solar cells to complement Pt@TCO coatings. Journal of Materials Chemistry A, 2014, 2, 3175.	10.3	22
5	Elucidating Transport-Recombination Mechanisms in Perovskite Solar Cells by Small-Perturbation Techniques. Journal of Physical Chemistry C, 2014, 118, 22913-22922.	3.1	175
6	Quantum dot-sensitized solar cells based on directly adsorbed zinc copper indium sulfide colloids. Physical Chemistry Chemical Physics, 2014, 16, 9115-9122.	2.8	20
7	Metal free sensitizer and catalyst for dye sensitized solar cells. Energy and Environmental Science, 2013, 6, 3439.	30.8	365
8	Preparation and Characterization of Nickel Oxide Photocathodes Sensitized with Colloidal Cadmium Selenide Quantum Dots. Journal of Physical Chemistry C, 2013, 117, 22509-22517.	3.1	38
9	Ruthenium(II) dichloro or dithiocyanato complexes with 4,4â€²:2â€²,2â€³:4â€³,4â€´-quaterpyridinium ligands: Towards photosensitisers with enhanced low-energy absorption properties. Polyhedron, 2013, 50, 622-635.	2.2	6
10	ZnO/ZnO Coreâ€“Shell Nanowire Array Electrodes: Blocking of Recombination and Impressive Enhancement of Photovoltage in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2013, 117, 13365-13373.	3.1	32
11	N-Aryl stilbazolium dyes as sensitizers for solar cells. Dyes and Pigments, 2012, 92, 766-777.	3.7	16
12	ZnO-Based Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2012, 116, 11413-11425.	3.1	520
13	A continuity equation for the simulation of the currentâ€“voltage curve and the time-dependent properties of dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 10285.	2.8	50
14	ZnO solar cells with an indoline sensitizer: a comparison between nanoparticulate films and electrodeposited nanowire arrays. Energy and Environmental Science, 2011, 4, 3400.	30.8	67
15	Solvent-Free ZnO Dye-Sensitised Solar Cells. ECS Transactions, 2009, 25, 111-122.	0.5	1
16	Numerical Simulation of the Currentâ^'Voltage Curve in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2009, 113, 19722-19731.	3.1	49