Cristina RodrÃ-guez-Seco

List of Publications by Year
in descending order

13 papers	431 citations	1040056 9 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	947 citing authors

#	Article	IF	Citations
1	Photoactive nanomaterials enabled integrated photo-rechargeable batteries. Nanophotonics, 2022, 11, 1443-1484.	6.0	9
2	Benzothiadiazole Aryl-amine Based Materials as Efficient Hole Carriers in Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 32712-32718.	8.0	31
3	Minimization of Carrier Losses for Efficient Perovskite Solar Cells through Structural Modification of Triphenylamine Derivatives. Angewandte Chemie, 2020, 132, 5341-5345.	2.0	10
4	Minimization of Carrier Losses for Efficient Perovskite Solar Cells through Structural Modification of Triphenylamine Derivatives. Angewandte Chemie - International Edition, 2020, 59, 5303-5307.	13.8	29
5	Semiconductor self-assembled monolayers as selective contacts for efficient PiN perovskite solar cells. Energy and Environmental Science, 2019, 12, 230-237.	30.8	110
6	Supramolecular Coordination of Pb²⁺ Defects in Hybrid Lead Halide Perovskite Films Using Truxene Derivatives as Lewis Base Interlayers. ChemPhysChem, 2019, 20, 2702-2711.	2.1	10
7	o,pâ€Dimethoxybiphenyl Arylamine Substituted Porphyrins as Holeâ€Transport Materials: Electrochemical, Photophysical, and Carrier Mobility Characterization. European Journal of Organic Chemistry, 2018, 2018, 2064-2070.	2.4	7
8	Benzothiadiazole Substituted Semiconductor Molecules for Organic Solar Cells: The Effect of the Solvent Annealing Over the Thin Film Hole Mobility Values. Journal of Physical Chemistry C, 2018, 122, 13782-13789.	3.1	14
9	Increasing the Efficiency of Organic Dyeâ€Sensitized Solar Cells over 10.3% Using Locally Ordered Inverse Opal Nanostructures in the Photoelectrode. Advanced Functional Materials, 2018, 28, 1706291.	14.9	36
10	Advances in the Synthesis of Small Molecules as Hole Transport Materials for Lead Halide Perovskite Solar Cells. Accounts of Chemical Research, 2018, 51, 869-880.	15.6	121
11	Reduced Energy Offsets and Low Energy Losses Lead to Efficient (â¼10% at 1 sun) Ternary Organic Solar Cells. ACS Energy Letters, 2018, 3, 2418-2424.	17.4	20
12	Visible and near-infrared organic photosensitizers comprising isoindigo derivatives as chromophores: synthesis, optoelectronic properties and factors limiting their efficiency in dye solar cells. Journal of Materials Chemistry A, 2018, 6, 10074-10084.	10.3	27
13	Efficient Non-polymeric Heterojunctions in Ternary Organic Solar Cells. ACS Applied Energy Materials, 2018, 1, 4203-4210.	5.1	7