Ignasi BurguÃ©s-Ceballos

List of Publications by Year
in descending order

19 papers	773 citations	687363 13 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	1308 citing authors

#	Article	IF	Citations
1	Solubility Based Identification of Green Solvents for Small Molecule Organic Solar Cells. Advanced Functional Materials, 2014, 24, 1449-1457.	14.9	132
2	Cation disorder engineering yields AgBiS2 nanocrystals with enhanced optical absorption for efficient ultrathin solar cells. Nature Photonics, 2022, 16, 235-241.	31.4	100
3	Towards industrialization of polymer solar cells: material processing for upscaling. Journal of Materials Chemistry A, 2014, 2, 17711-17722.	10.3	98
4	Improved Performance and Reliability of pâ€iâ€n Perovskite Solar Cells via Doped Metal Oxides. Advanced Energy Materials, 2016, 6, 1600285.	19.5	67
5	Inkjet-printed embedded Ag-PEDOT:PSS electrodes with improved light out coupling effects for highly efficient ITO-free blue polymer light emitting diodes. Applied Physics Letters, 2017, 110, .	3.3	48
6	Classification of Additives for Organic Photovoltaic Devices. ChemPhysChem, 2015, 16, 1275-1280.	2.1	47
7	Embedded inkjet printed silver grids for ITO-free organic solar cells with high fill factor. Solar Energy Materials and Solar Cells, 2014, 127, 50-57.	6.2	45
8	Transparent organic photovoltaics: A strategic niche to advance commercialization. Joule, 2021, 5, 2261-2272.	24.0	44
9	Colloidal AgBiS2 nanocrystals with reduced recombination yield 6.4% power conversion efficiency in solution-processed solar cells. Nano Energy, 2020, 75, 104961.	16.0	41
10	Printed Copper Nanoparticle Metal Grids for Costâ€Effective ITOâ€Free Solution Processed Solar Cells. Solar Rrl, 2018, 2, 1700192.	5.8	31
11	Towards photovoltaic windows: scalable fabrication of semitransparent modules based on non-fullerene acceptors via laser-patterning. Journal of Materials Chemistry A, 2020, 8, 9882-9895.	10.3	25
12	High performance indium tin oxide-free solution-processed organic light emitting diodes based on inkjet-printed fine silver grid lines. Flexible and Printed Electronics, 2016, 1, 035004.	2.7	22
13	Highâ€Performing Polycarbazole Derivatives for Efficient Solutionâ€Processing of Organic Solar Cells in Air. ChemSusChem, 2015, 8, 4209-4215.	6.8	18
14	Mixed AgBiS₂ nanocrystals for photovoltaics and photodetectors. Nanoscale, 2022, 14, 4987-4993.	5.6	14
15	Up-scalable ITO-free organic light emitting diodes based on embedded inkjet-printed copper grids. Flexible and Printed Electronics, 2019, 4, 025004.	2.7	12
16	Fast annealing and patterning of polymer solar cells by means of vapor printing. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1245-1252.	2.1	11
17	High-Performance Inverted Organic Photovoltaics Without Hole-Selective Contact. ACS Applied Materials & Interfaces, 2015, 7, 24608-24615.	8.0	9
18	The influence of additives in the stoichiometry of hybrid lead halide perovskites. AIP Advances, 2017, 7, .	1.3	7

#	Article	IF	Citations
19	Cation Disorder and Local Structural Distortions in AgxBi1â€“xS2 Nanoparticles. Nanomaterials, 2020, 10, 316.	4.1	2