

Ignasi BurguÃ©s-Ceballos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6311412/publications.pdf>

Version: 2024-02-01

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	Mixed AgBiS ₂ nanocrystals for photovoltaics and photodetectors. <i>Nanoscale</i> , 2022, 14, 4987-4993.	5.6	14
2	Cation disorder engineering yields AgBiS ₂ nanocrystals with enhanced optical absorption for efficient ultrathin solar cells. <i>Nature Photonics</i> , 2022, 16, 235-241.	31.4	100
3	Transparent organic photovoltaics: A strategic niche to advance commercialization. <i>Joule</i> , 2021, 5, 2261-2272.	24.0	44
4	Towards photovoltaic windows: scalable fabrication of semitransparent modules based on non-fullerene acceptors <i>via</i> laser-patterning. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9882-9895.	10.3	25
5	Colloidal AgBiS ₂ nanocrystals with reduced recombination yield 6.4% power conversion efficiency in solution-processed solar cells. <i>Nano Energy</i> , 2020, 75, 104961.	16.0	41
6	Cation Disorder and Local Structural Distortions in Ag _x Bi _{1-x} S ₂ Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 316.	4.1	2
7	Up-scalable ITO-free organic light emitting diodes based on embedded inkjet-printed copper grids. <i>Flexible and Printed Electronics</i> , 2019, 4, 025004.	2.7	12
8	Printed Copper Nanoparticle Metal Grids for Cost-Effective ITO-Free Solution Processed Solar Cells. <i>Solar Rrl</i> , 2018, 2, 1700192.	5.8	31
9	Inkjet-printed embedded Ag-PEDOT:PSS electrodes with improved light out coupling effects for highly efficient ITO-free blue polymer light emitting diodes. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	48
10	The influence of additives in the stoichiometry of hybrid lead halide perovskites. <i>AIP Advances</i> , 2017, 7, .	1.3	7
11	Improved Performance and Reliability of p-n Perovskite Solar Cells via Doped Metal Oxides. <i>Advanced Energy Materials</i> , 2016, 6, 1600285.	19.5	67
12	High performance indium tin oxide-free solution-processed organic light emitting diodes based on inkjet-printed fine silver grid lines. <i>Flexible and Printed Electronics</i> , 2016, 1, 035004.	2.7	22
13	High-Performing Polycarbazole Derivatives for Efficient Solution-Processing of Organic Solar Cells in Air. <i>ChemSusChem</i> , 2015, 8, 4209-4215.	6.8	18
14	Classification of Additives for Organic Photovoltaic Devices. <i>ChemPhysChem</i> , 2015, 16, 1275-1280.	2.1	47
15	High-Performance Inverted Organic Photovoltaics Without Hole-Selective Contact. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24608-24615.	8.0	9
16	Solubility Based Identification of Green Solvents for Small Molecule Organic Solar Cells. <i>Advanced Functional Materials</i> , 2014, 24, 1449-1457.	14.9	132
17	Embedded inkjet printed silver grids for ITO-free organic solar cells with high fill factor. <i>Solar Energy Materials and Solar Cells</i> , 2014, 127, 50-57.	6.2	45
18	Towards industrialization of polymer solar cells: material processing for upscaling. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17711-17722.	10.3	98

#	ARTICLE	IF	CITATIONS
19	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