

Antonio Rizzo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

270
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of Spiro-OMeTAD De-doping by tert-Butylpyridine Additive in Hole-Transporting Layers for Perovskite Solar Cells. <i>CheM</i> , 2019, 5, 1806-1817.	11.7	100
2	Coupling halide perovskites with different materials: From doping to nanocomposites, beyond photovoltaics. <i>Progress in Materials Science</i> , 2020, 110, 100639.	32.8	38
3	Moisture resistance in perovskite solar cells attributed to a water-splitting layer. <i>Communications Materials</i> , 2021, 2, .	6.9	29
4	Understanding lead iodide perovskite hysteresis and degradation causes by extensive electrical characterization. <i>Solar Energy Materials and Solar Cells</i> , 2019, 189, 43-52.	6.2	24
5	A physical-based equivalent circuit model for an organic/electrolyte interface. <i>Organic Electronics</i> , 2016, 35, 176-185.	2.6	22
6	Characterization and modeling of organic (P3HT:PCBM) solar cells as a function of bias and illumination. <i>Solar Energy Materials and Solar Cells</i> , 2016, 157, 337-345.	6.2	19
7	Model of Organic Solar Cell Photocurrent Including the Effect of Charge Accumulation at Interfaces and Non-Uniform Carrier Generation. <i>IEEE Journal of the Electron Devices Society</i> , 2016, 4, 387-395.	2.1	15
8	Effects of current stress and thermal storage on polymeric heterojunction P3HT:PCBM solar cell. , 2016, , .		6
9	Application of Photocurrent Model on Polymer Solar Cells Under Forward Bias Stress. <i>IEEE Journal of Photovoltaics</i> , 2016, 6, 1542-1548.	2.5	4
10	Effects of thermal stress on hybrid perovskite solar cells with different encapsulation techniques. , 2017, , .		3
11	Open circuit voltage decay as a tool to assess the reliability of organic solar cells: P3HT:PCBM vs. HBG1:PCBM. , 2017, , .		3
12	Application of an Open-Circuit Voltage Decay Model to Compare the Performances of Donor Polymers in Bulk Heterojunction Solar Cells. <i>IEEE Journal of Photovoltaics</i> , 2018, 8, 517-524.	2.5	3
13	A Novel Algorithm for Lifetime Extrapolation, Prediction, and Estimation of Emerging PV Technologies. <i>Small Methods</i> , 2018, 2, 1700285.	8.6	3
14	Analysis of electrical and thermal stress effects on PCBM:P3HT solar cells by photocurrent and impedance spectroscopy modeling. , 2017, , .		1