

Noel D Bristow

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

266
citations

1163117

8
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an organic photovoltaic energy harvesting system for wireless sensor networks; application to autonomous building information management systems and optimisation of OPV module sizes for future applications. <i>Solar Energy Materials and Solar Cells</i> , 2022, 236, 111550.	6.2	6
2	Analysis of the stability of organic photovoltaic devices through external quantum efficiency (EQE). <i>Semina: Ci�ncias Exatas E Tecnol�gicas</i> , 2022, 43, 95.	0.1	0
3	Predicting diurnal outdoor performance and degradation of organic photovoltaics via machine learning; relating degradation to outdoor stress conditions. <i>Progress in Photovoltaics: Research and Applications</i> , 2021, 29, 1274-1284.	8.1	5
4	The Effect of OPV Module Size on Stability and Diurnal Performance: Outdoor Tests and Application of a Computer Model. <i>Energies</i> , 2021, 14, 6324.	3.1	0
5	Development of a Wireless Sensor Node for Building Information Management Systems. , 2020, , .		3
6	Tuning the optical properties of luminescent down shifting layers based on organic dyes to increase the efficiency and lifetime of P3HT:PCBM photovoltaic devices. <i>Journal of Luminescence</i> , 2018, 203, 165-171.	3.1	21
7	Assessing the potential of steel as a substrate for building integrated photovoltaic applications. <i>Applied Energy</i> , 2018, 229, 209-223.	10.1	10
8	Development of multidyedye UV filters for OPVs using luminescent materials. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 025103.	2.8	20
9	Commercial photovoltaic system design for Cardiff City Hall. <i>Proceedings of Institution of Civil Engineers: Energy</i> , 2016, 169, 18-29.	0.6	2
10	Rapid synthesis of ultra-long silver nanowires for tailor-made transparent conductive electrodes: proof of concept in organic solar cells. <i>Nanotechnology</i> , 2015, 26, 265201.	2.6	73
11	Application of UV-absorbing silver luminescent down shifter for PTB7 organic solar cells for enhanced efficiency and stability. <i>RSC Advances</i> , 2015, 5, 12397-12402.	3.6	21
12	Three dimensional corrugated organic photovoltaics for building integration; improving the efficiency, oblique angle and diffuse performance of solar cells. <i>Energy and Environmental Science</i> , 2015, 8, 3266-3273.	30.8	31
13	Effect of processing additive 1,8-octanedithiol on the lifetime of PCPDTBT based Organic Photovoltaics. <i>Organic Electronics</i> , 2014, 15, 2433-2438.	2.6	27
14	Worldwide outdoor round robin study of organic photovoltaic devices and modules. <i>Solar Energy Materials and Solar Cells</i> , 2014, 130, 281-290.	6.2	23