

David Ompong

List of Publications by Year in descending order

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papers

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15
times ranked

182
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources of Thermal Power Generation and Their Influence on the Operating Temperature of Organic Solar Cells. <i>Nanomaterials</i> , 2022, 12, 420.	4.1	4
2	Optimizing Device Structure of PTB7-Th:PNDI-T10 Bulk Heterojunction Polymer Solar Cells by Enhancing Optical Absorption. <i>Energies</i> , 2022, 15, 711.	3.1	4
3	Intersystem and Reverse-Intersystem Crossings in Organic Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 6177-6180.	4.6	2
4	An Alternative Approach to Simulate the Power Conversion Efficiency of Bulk Heterojunction Organic Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2000597.	1.8	14
5	Characterising Exciton Generation in Bulk-Heterojunction Organic Solar Cells. <i>Nanomaterials</i> , 2021, 11, 209.	4.1	9
6	Operating Temperature of Nonfullerene Acceptor-Based Bulk Heterojunction Organic Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100255.	1.8	0
7	Effective mass of heavy, light, and spin split-off band electron and hole g-factor in cubic perovskite materials. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	5
8	High open-circuit voltage in perovskite solar cells: The role of hole transport layer. <i>Organic Electronics</i> , 2018, 63, 104-108.	2.6	33
9	Optimization of photocurrent in bulk heterojunction organic solar cells using optical admittance analysis method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 7100-7106.	2.2	6
10	Dissociation of charge transfer excitons at the donor-acceptor interface in bulk heterojunction organic solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 7095-7099.	2.2	24
11	Comparative contributions of singlet and triplet excitons in the performance of organic devices. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2016, 13, 77-80.	0.8	3
12	Study of intersystem crossing mechanism in organic materials. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2016, 13, 89-92.	0.8	8
13	Diffusion Length and Langevin Recombination of Singlet and Triplet Excitons in Organic Heterojunction Solar Cells. <i>ChemPhysChem</i> , 2015, 16, 1281-1285.	2.1	15