

Wisnu Tanty Hadmojo

List of Publications by Year in descending order

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16
papers

718
citations

759233

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16
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1456
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Efficiency Low-Temperature ZnO Based Perovskite Solar Cells Based on Highly Polar, Nonwetting Self-Assembled Molecular Layers. <i>Advanced Energy Materials</i> , 2018, 8, 1701683.	19.5	144
2	High-Efficiency Photovoltaic Devices using Trap-Controlled Quantum Dot Ink prepared via Phase-Transfer Exchange. <i>Advanced Materials</i> , 2017, 29, 1605756.	21.0	114
3	Low-Temperature-Processed 9% Colloidal Quantum Dot Photovoltaic Devices through Interfacial Management of p-n Heterojunction. <i>Advanced Energy Materials</i> , 2016, 6, 1502146.	19.5	70
4	Geometrically controlled organic small molecule acceptors for efficient fullerene-free organic photovoltaic devices. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12308-12318.	10.3	58
5	Artificial light-harvesting n-type porphyrin for panchromatic organic photovoltaic devices. <i>Chemical Science</i> , 2017, 8, 5095-5100.	7.4	50
6	Fullerene-Free Organic Solar Cells with an Efficiency of 10.2% and an Energy Loss of 0.59 eV Based on a Thieno[3,4-c]pyrrole-4,6-dione-Containing Wide Band Gap Polymer Donor. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32939-32945.	8.0	48
7	Improved Processability and Efficiency of Colloidal Quantum Dot Solar Cells Based on Organic Hole Transport Layers. <i>Advanced Energy Materials</i> , 2018, 8, 1800572.	19.5	45
8	11% Organic Photovoltaic Devices Based on PTB7-Th: PC ₇₁ BM Photoactive Layers and Irradiation-Assisted ZnO Electron Transport Layers. <i>Advanced Science</i> , 2018, 5, 1700858.	11.2	42
9	High-Performance Near-Infrared Absorbing n-Type Porphyrin Acceptor for Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41344-41349.	8.0	37
10	Performance Optimization of Parallel-Like Ternary Organic Solar Cells through Simultaneous Improvement in Charge Generation and Transport. <i>Advanced Functional Materials</i> , 2019, 29, 1808731.	14.9	37
11	Near-Infrared Harvesting Fullerene-Free All-Small-Molecule Organic Solar Cells Based on Porphyrin Donors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5306-5313.	6.7	34
12	Efficient Hybrid Tandem Solar Cells Based on Optical Reinforcement of Colloidal Quantum Dots with Organic Bulk Heterojunctions. <i>Advanced Energy Materials</i> , 2020, 10, 1903294.	19.5	17
13	Perovskite Solar Cells: High-Efficiency Low-Temperature ZnO Based Perovskite Solar Cells Based on Highly Polar, Nonwetting Self-Assembled Molecular Layers (<i>Adv. Energy Mater.</i> 5/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1870022.	19.5	11
14	High-efficiency organic solar cells prepared using a halogen-free solution process. <i>Cell Reports Physical Science</i> , 2021, 2, 100517.	5.6	6
15	Development of n-Type Porphyrin Acceptors for Panchromatic Light-Harvesting Fullerene-Free Organic Solar Cells. <i>Frontiers in Chemistry</i> , 2018, 6, 473.	3.6	5
16	Ternary Organic Solar Cells: Performance Optimization of Parallel-Like Ternary Organic Solar Cells through Simultaneous Improvement in Charge Generation and Transport (<i>Adv. Funct. Mater.</i> 14/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970093.	14.9	0