Wisnu Tantyo Hadmojo

List of Publications by Year
in descending order

16 papers	718 citations	759233 12 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	1456 citing authors

#	Article	IF	Citations
1	High-efficiency organic solar cells prepared using a halogen-free solution process. Cell Reports Physical Science, 2021, 2, 100517.	5.6	6
2	Efficient Hybrid Tandem Solar Cells Based on Optical Reinforcement of Colloidal Quantum Dots with Organic Bulk Heterojunctions. Advanced Energy Materials, 2020, 10, 1903294.	19.5	17
3	Performance Optimization of Parallelâ€Like Ternary Organic Solar Cells through Simultaneous Improvement in Charge Generation and Transport. Advanced Functional Materials, 2019, 29, 1808731.	14.9	37
4	Ternary Organic Solar Cells: Performance Optimization of Parallelâ€Like Ternary Organic Solar Cells through Simultaneous Improvement in Charge Generation and Transport (Adv. Funct. Mater. 14/2019). Advanced Functional Materials, 2019, 29, 1970093.	14.9	0
5	Near-Infrared Harvesting Fullerene-Free All-Small-Molecule Organic Solar Cells Based on Porphyrin Donors. ACS Sustainable Chemistry and Engineering, 2018, 6, 5306-5313.	6.7	34
6	Perovskite Solar Cells: Highâ€Efficiency Lowâ€Temperature ZnO Based Perovskite Solar Cells Based on Highly Polar, Nonwetting Selfâ€Assembled Molecular Layers (Adv. Energy Mater. 5/2018). Advanced Energy Materials, 2018, 8, 1870022.	19.5	11
7	Highâ€Efficiency Lowâ€Temperature ZnO Based Perovskite Solar Cells Based on Highly Polar, Nonwetting Selfâ€Assembled Molecular Layers. Advanced Energy Materials, 2018, 8, 1701683.	19.5	144
8	High-Performance Near-Infrared Absorbing n-Type Porphyrin Acceptor for Organic Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 41344-41349.	8.0	37
9	Development of n-Type Porphyrin Acceptors for Panchromatic Light-Harvesting Fullerene-Free Organic Solar Cells. Frontiers in Chemistry, 2018, 6, 473.	3.6	5
10	11% Organic Photovoltaic Devices Based on PTB7â€Th: PC₇₁BM Photoactive Layers and Irradiationâ€Assisted ZnO Electron Transport Layers. Advanced Science, 2018, 5, 1700858.	11.2	42
11	Improved Processability and Efficiency of Colloidal Quantum Dot Solar Cells Based on Organic Hole Transport Layers. Advanced Energy Materials, 2018, 8, 1800572.	19.5	45
12	Highâ€Efficiency Photovoltaic Devices using Trapâ€Controlled Quantumâ€Dot Ink prepared via Phaseâ€Transfer Exchange. Advanced Materials, 2017, 29, 1605756.	21.0	114
13	Artificial light-harvesting n-type porphyrin for panchromatic organic photovoltaic devices. Chemical Science, 2017, 8, 5095-5100.	7.4	50
14	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. ACS Applied Materials & Interfaces, 2017, 9, 32939-32945.	8.0	48
15	Geometrically controlled organic small molecule acceptors for efficient fullerene-free organic photovoltaic devices. Journal of Materials Chemistry A, 2016, 4, 12308-12318.	10.3	58
16	Lowâ€Temperatureâ€Processed 9% Colloidal Quantum Dot Photovoltaic Devices through Interfacial Management of pâ€“n Heterojunction. Advanced Energy Materials, 2016, 6, 1502146.	19.5	70