

Ivy M Asuo

List of Publications by Year in descending order

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14
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379
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1040056

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#	ARTICLE	IF	CITATIONS
1	Solvent-Antisolvent Ambient Processed Large Grain Size Perovskite Thin Films for High-Performance Solar Cells. <i>Scientific Reports</i> , 2018, 8, 12885.	3.3	109
2	Highly Efficient and Ultrasensitive Large-Area Flexible Photodetector Based on Perovskite Nanowires. <i>Small</i> , 2019, 15, e1804150.	10.0	81
3	High-performance pseudo-halide perovskite nanowire networks for stable and fast-response photodetector. <i>Nano Energy</i> , 2018, 51, 324-332.	16.0	53
4	An ultra-broadband perovskite-PbS quantum dot sensitized carbon nanotube photodetector. <i>Nanoscale</i> , 2018, 10, 9044-9052.	5.6	35
5	Ambient condition-processing strategy for improved air-stability and efficiency in mixed-cation perovskite solar cells. <i>Materials Advances</i> , 2020, 1, 1866-1876.	5.4	20
6	Hysteresis-Free 1D Network Mixed Halide Perovskite Semitransparent Solar Cells. <i>Small</i> , 2018, 14, e1802319.	10.0	13
7	Tunable thiocyanate-doped perovskite microstructure via water-ethanol additives for stable solar cells at ambient conditions. <i>Solar Energy Materials and Solar Cells</i> , 2019, 200, 110029.	6.2	11
8	Low-cost photodetector architectures fabricated at room-temperature using nano-engineered silicon wafer and sol-gel TiO ₂ based heterostructures. <i>Scientific Reports</i> , 2019, 9, 17994.	3.3	11
9	Highly stable air processed perovskite solar cells by interfacial layer engineering. <i>Chemical Engineering Journal</i> , 2021, 423, 130334.	12.7	11
10	Perovskite/Silicon Nanowire-Based Hybrid Heterojunctions for Fast and Broadband Photodetectors. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2000537.	2.4	9
11	Solution-Processed p-Type Copper Thiocyanate (CuSCN) Enhanced Sensitivity of PbS-Quantum-Dots-Based Photodiode. <i>ACS Photonics</i> , 2020, 7, 1628-1635.	6.6	8
12	All-Ambient-Processed CuSCN as an Inexpensive Alternative to Spiro-OMeTAD for Perovskite-Based Devices. <i>Energy Technology</i> , 2021, 9, .	3.8	8
13	High performance photodetectors using porous silicon-TiO ₂ heterostructure. <i>Engineering Research Express</i> , 2020, 2, 035021.	1.6	8
14	Inkjet-Printing of Methylammonium Lead Trihalide Perovskite-Based Flexible Optoelectronic Devices. , 2018, , .		2