Woon Seok Yang

List of Publications by Year
in descending order

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Version: 2024-02-01

16 papers	24,870 citations	567281 15 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	18607 citing authors

#	Article	IF	Citations
1	Solvent engineering for high-performance inorganicâ€“organic hybrid perovskite solar cells. Nature Materials, 2014, 13, 897-903.	27.5	5,796
2	High-performance photovoltaic perovskite layers fabricated through intramolecular exchange. Science, 2015, 348, 1234-1237.	12.6	5,529
3	Compositional engineering of perovskite materials for high-performance solar cells. Nature, 2015, 517, 476-480.	27.8	5,478
4	Iodide management in formamidinium-lead-halideâ€“based perovskite layers for efficient solar cells. Science, 2017, 356, 1376-1379.	12.6	4,721
5	Colloidally prepared La-doped BaSnO ₃ electrodes for efficient, photostable perovskite solar cells. Science, 2017, 356, 167-171.	12.6	1,045
6	Voltage output of efficient perovskite solar cells with high open-circuit voltage and fill factor. Energy and Environmental Science, 2014, 7, 2614-2618.	30.8	692
7	High-performance flexible perovskite solar cells exploiting Zn2SnO4 prepared in solution below 100â€‰Â°C. Nature Communications, 2015, 6, 7410.	12.8	417
8	Beneficial Effects of PbI₂ Incorporated in Organoâ€Lead Halide Perovskite Solar Cells. Advanced Energy Materials, 2016, 6, 1502104.	19.5	387
9	Understanding how excess lead iodide precursor improves halide perovskite solar cell performance. Nature Communications, 2018, 9, 3301.	12.8	271
10	Thermal Stability of CuSCN Hole Conductorâ€Based Perovskite Solar Cells. ChemSusChem, 2016, 9, 2592-2596.	6.8	154
11	Tailoring of Electron-Collecting Oxide Nanoparticulate Layer for Flexible Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2016, 7, 1845-1851.	4.6	93
12	Effective Electron Blocking of CuPCâ€Doped Spiroâ€OMeTAD for Highly Efficient Inorganicâ€“Organic Hybrid Perovskite Solar Cells. Advanced Energy Materials, 2015, 5, 1501320.	19.5	84
13	Stabilization of Precursor Solution and Perovskite Layer by Addition of Sulfur. Advanced Energy Materials, 2019, 9, 1803476.	19.5	81
14	Spatial Distribution of Lead Iodide and Local Passivation on Organo-Lead Halide Perovskite. ACS Applied Materials & Interfaces, 2017, 9, 6072-6078.	8.0	62
15	Controllable synthesis of single crystalline Sn-based oxides and their application in perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 79-86.	10.3	45
16	Long-Term Chemical Aging of Hybrid Halide Perovskites. Nano Letters, 2019, 19, 5604-5611.	9.1	13