Woon Seok Yang

List of Publications by Year
in descending order

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