

# Woon Seok Yang

## List of Publications by Year in descending order

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16  
papers

24,870  
citations

566801

15  
h-index

887659

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. <i>Nano Letters</i> , 2019, 19, 5604-5611.	4.5	13
2	Stabilization of Precursor Solution and Perovskite Layer by Addition of Sulfur. <i>Advanced Energy Materials</i> , 2019, 9, 1803476.	10.2	81
3	Understanding how excess lead iodide precursor improves halide perovskite solar cell performance. <i>Nature Communications</i> , 2018, 9, 3301.	5.8	271
4	Spatial Distribution of Lead Iodide and Local Passivation on Organo-Lead Halide Perovskite. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 6072-6078.	4.0	62
5	Colloidally prepared La-doped BaSnO <sub>3</sub> electrodes for efficient, photostable perovskite solar cells. <i>Science</i> , 2017, 356, 167-171.	6.0	1,045
6	Iodide management in formamidinium-lead-halide-based perovskite layers for efficient solar cells. <i>Science</i> , 2017, 356, 1376-1379.	6.0	4,721
7	Controllable synthesis of single crystalline Sn-based oxides and their application in perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 79-86.	5.2	45
8	Beneficial Effects of PbI <sub>2</sub> Incorporated in Organo-Lead Halide Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1502104.	10.2	387
9	Tailoring of Electron-Collecting Oxide Nanoparticulate Layer for Flexible Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1845-1851.	2.1	93
10	Thermal Stability of CuSCN Hole Conductor-Based Perovskite Solar Cells. <i>ChemSusChem</i> , 2016, 9, 2592-2596.	3.6	154
11	Effective Electron Blocking of CuPCl <sub>2</sub> -Doped Spiro-OMeTAD for Highly Efficient Inorganic-Organic Hybrid Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2015, 5, 1501320.	10.2	84
12	High-performance photovoltaic perovskite layers fabricated through intramolecular exchange. <i>Science</i> , 2015, 348, 1234-1237.	6.0	5,529
13	Compositional engineering of perovskite materials for high-performance solar cells. <i>Nature</i> , 2015, 517, 476-480.	13.7	5,478
14	High-performance flexible perovskite solar cells exploiting Zn <sub>2</sub> SnO <sub>4</sub> prepared in solution below 100 °C. <i>Nature Communications</i> , 2015, 6, 7410.	5.8	417
15	Voltage output of efficient perovskite solar cells with high open-circuit voltage and fill factor. <i>Energy and Environmental Science</i> , 2014, 7, 2614-2618.	15.6	692
16	Solvent engineering for high-performance inorganic-organic hybrid perovskite solar cells. <i>Nature Materials</i> , 2014, 13, 897-903.	13.3	5,796