

# Wanjung Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7711119/publications.pdf>

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16  
papers

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687220

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docs citations

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times ranked

2382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potassium Incorporation for Enhanced Performance and Stability of Fully Inorganic Cesium Lead Halide Perovskite Solar Cells. Nano Letters, 2017, 17, 2028-2033.	4.5	463
2	Self-Position of Au NPs in Perovskite Solar Cells: Optical and Electrical Contribution. ACS Applied Materials & Interfaces, 2016, 8, 449-454.	4.0	91
3	Tuning the charge transfer route by p-n junction catalysts embedded with CdS nanorods for simultaneous efficient hydrogen and oxygen evolution. Journal of Materials Chemistry A, 2015, 3, 4803-4810.	5.2	87
4	Tunable Bandgap Energy and Promotion of H <sub>2</sub> O <sub>2</sub> Oxidation for Overall Water Splitting from Carbon Nitride Nanowire Bundles. Advanced Energy Materials, 2016, 6, 1502352.	10.2	79
5	Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization. Advanced Energy Materials, 2018, 8, 1702369.	10.2	74
6	Double 2-dimensional H <sub>2</sub> -evolving catalyst tipped photocatalyst nanowires: A new avenue for high-efficiency solar to H <sub>2</sub> generation. Nano Energy, 2017, 34, 481-490.	8.2	51
7	Hybrid Silver Mesh Electrode for ITO-Free Flexible Polymer Solar Cells with Good Mechanical Stability. ChemSusChem, 2016, 9, 1042-1049.	3.6	36
8	Polymer Bulk Heterojunction Solar Cells with PEDOT:PSS Bilayer Structure as Hole Extraction Layer. ChemSusChem, 2013, 6, 1070-1075.	3.6	26
9	Grain Boundary Healing of Organic-Inorganic Halide Perovskites for Moisture Stability. Nano Letters, 2019, 19, 6498-6505.	4.5	24
10	Enhanced Performance and Stability of Polymer BHJ Photovoltaic Devices from Dry Transfer of PEDOT:PSS. ChemSusChem, 2014, 7, 1957-1963.	3.6	23
11	Improved Stability of Interfacial Energy-Level Alignment in Inverted Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 18964-18973.	4.0	22
12	Tungsten oxide/PEDOT:PSS hybrid cascade hole extraction layer for polymer solar cells with enhanced long-term stability and power conversion efficiency. Solar Energy Materials and Solar Cells, 2014, 122, 24-30.	3.0	20
13	Thermodynamically self-organized hole transport layers for high-efficiency inverted-planar perovskite solar cells. Nanoscale, 2017, 9, 12677-12683.	2.8	18
14	Tailoring Dispersion and Aggregation of Au Nanoparticles in the BHJ Layer of Polymer Solar Cells: Plasmon Effects versus Electrical Effects. ChemSusChem, 2014, 7, 3452-3458.	3.6	12
15	Incorporation of a Metal Oxide Interlayer using a Virus-Templated Assembly for Synthesis of Graphene-Electrode-Based Organic Photovoltaics. ChemSusChem, 2015, 8, 2385-2391.	3.6	6
16	Solar Cells: Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization (Adv. Energy Mater. 10/2018). Advanced Energy Materials, 2018, 8, 1870045.	10.2	6