

# Sunbin Hwang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3071265/publications.pdf>

Version: 2024-02-01

10  
papers

333  
citations

1307594

7  
h-index

1372567

10  
g-index

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all docs

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docs citations

10  
times ranked

695  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Efficiency Low-Temperature Processed Perovskite Solar Cells Integrated with Alkali Metal Doped ZnO Electron Transport Layers. ACS Energy Letters, 2018, 3, 1241-1246.	17.4	77
2	Shallow and Deep Trap State Passivation for Low-Temperature Processed Perovskite Solar Cells. ACS Energy Letters, 2020, 5, 1396-1403.	17.4	75
3	Large-area, green solvent spray deposited nickel oxide films for scalable fabrication of triple-cation perovskite solar cells. Journal of Materials Chemistry A, 2020, 8, 3357-3368.	10.3	52
4	Diphenylacetylene-Substituted Porphyrins as Hole-Transporting Materials for Perovskite Solar Cells. ChemSusChem, 2017, 10, 3780-3787.	6.8	40
5	Low-Voltage Organic Transistor Memory Fiber with a Nanograined Organic Ferroelectric Film. ACS Applied Materials & Interfaces, 2019, 11, 22575-22582.	8.0	33
6	Hybrid dielectrics composed of Al <sub>2</sub> O <sub>3</sub> and phosphonic acid self-assembled monolayers for performance improvement in low voltage organic field effect transistors. Nano Convergence, 2018, 5, 20.	12.1	22
7	Fabrication of plasmonic gold-nanoparticle-transition metal oxides thin films for optoelectronic applications. Journal of Alloys and Compounds, 2019, 775, 39-50.	5.5	17
8	Two-in-One Device with Versatile Compatible Electrical Switching or Data Storage Functions Controlled by the Ferroelectricity of P(VDF-TrFE) via Photocrosslinking. ACS Applied Materials & Interfaces, 2019, 11, 25358-25368.	8.0	7
9	All-Solid-State Organic Schmitt Trigger Implemented by Twin Two-In-One Ferroelectric Memory Transistors. Advanced Electronic Materials, 2020, 6, 1901263.	5.1	5
10	Interplay Among Thermoelectric Properties, Atmospheric Stability, and Electronic Structures in Solution-Deposited Thin Films of P(Na <sub>x</sub> [Ni <sub>2</sub> ]). Advanced Electronic Materials, 2020, 6, 1901172.	5.1	5