

# Hye Ji Han

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

1,985  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

3862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hysteresis-less inverted CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> planar perovskite hybrid solar cells with 18.1% power conversion efficiency. <i>Energy and Environmental Science</i> , 2015, 8, 1602-1608.	30.8	1,079
2	Planar CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite Solar Cells with Constant 17.2% Average Power Conversion Efficiency Irrespective of the Scan Rate. <i>Advanced Materials</i> , 2015, 27, 3424-3430.	21.0	435
3	Highly efficient low temperature solution processable planar type CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite flexible solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1572-1578.	10.3	223
4	Stable semi-transparent CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> planar sandwich solar cells. <i>Energy and Environmental Science</i> , 2015, 8, 2922-2927.	30.8	109
5	Efficiency enhancement of semi-transparent sandwich type CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite solar cells with island morphology perovskite film by introduction of polystyrene passivation layer. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16324-16329.	10.3	54
6	Uniform Microgels Containing Agglomerates of Silver Nanocubes for Molecular Size-selectivity and High SERS Activity. <i>Small</i> , 2017, 13, 1604048.	10.0	25
7	Reproducible formation of uniform CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> mixed halide perovskite film by separation of the powder formation and spin-coating process. <i>Journal of Power Sources</i> , 2016, 310, 130-136.	7.8	23
8	Highly reproducible polyol synthesis for silver nanocubes. <i>Journal of Crystal Growth</i> , 2017, 469, 48-53.	1.5	19
9	Efficient hysteresis-less bilayer type CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite hybrid solar cells. <i>Nanotechnology</i> , 2016, 27, 024004.	2.6	13
10	Solar Cells: Planar CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite Solar Cells with Constant 17.2% Average Power Conversion Efficiency Irrespective of the Scan Rate ( <i>Adv. Mater.</i> 22/2015). <i>Advanced Materials</i> , 2015, 27, 3464-3464.	21.0	3
11	Uniform Ag Nanocubes Prepared by AgCl Particle-mediated Heterogeneous Nucleation and Disassembly and Their Mechanism Study by DFT Calculation. <i>Small</i> , 2019, 15, 1904031.	10.0	2