

# Yimhyun Jo

## List of Publications by Year in descending order

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11  
papers

6,056  
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843614

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1284087

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docs citations

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times ranked

5065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudo-halide anion engineering for $\text{FAPbI}_3$ perovskite solar cells. <i>Nature</i> , 2021, 592, 381-385.	28.1	2,095
2	Methylammonium Chloride Induces Intermediate Phase Stabilization for Efficient Perovskite Solar Cells. <i>Joule</i> , 2019, 3, 2179-2192.	24.4	1,228
3	Stable perovskite solar cells with efficiency exceeding 24.8% and 0.3-V voltage loss. <i>Science</i> , 2020, 369, 1615-1620.	12.8	1,122
4	Conformal quantum dot $\text{SnO}_2$ layers as electron transporters for efficient perovskite solar cells. <i>Science</i> , 2022, 375, 302-306.	12.8	872
5	High Performance of Planar Perovskite Solar Cells Produced from $\text{PbI}_2$ (DMSO) and $\text{PbI}_2$ (NMP) Complexes by Intramolecular Exchange. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500768.	3.7	206
6	High-Temperature Short-Time Annealing Process for High-Performance Large-Area Perovskite Solar Cells. <i>ACS Nano</i> , 2017, 11, 6057-6064.	14.9	142
7	Enhanced electrical properties of Li-salts doped mesoporous $\text{TiO}_2$ in perovskite solar cells. <i>Joule</i> , 2021, 5, 659-672.	24.4	127
8	Large-area perovskite solar cells employing spiro-Naph hole transport material. <i>Nature Photonics</i> , 2022, 16, 119-125.	32.0	123
9	Fluorine Functionalized Graphene Nano Platelets for Highly Stable Inverted Perovskite Solar Cells. <i>Nano Letters</i> , 2017, 17, 6385-6390.	9.3	106
10	Effects of cation size and concentration of cationic chlorides on the properties of formamidinium lead iodide based perovskite solar cells. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3753-3763.	4.8	17
11	Fabrication of perovskite solar cell with high short-circuit current density (JSC) using moth-eye structure of $\text{SiO}_x$ . <i>Nano Research</i> , 2020, 13, 1156-1161.	10.5	17