

# Erin M Sanehira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10522346/publications.pdf>

Version: 2024-02-01

11  
papers

4,119  
citations

1163117

8  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

6112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum dot-induced phase stabilization of $\text{CsPbI}_3$ perovskite for high-efficiency photovoltaics. <i>Science</i> , 2016, 354, 92-95.	12.6	2,287
2	Enhanced mobility $\text{CsPbI}_3$ quantum dot arrays for record-efficiency, high-voltage photovoltaic cells. <i>Science Advances</i> , 2017, 3, eaao4204.	10.3	801
3	Targeted Ligand-Exchange Chemistry on Cesium Lead Halide Perovskite Quantum Dots for High-Efficiency Photovoltaics. <i>Journal of the American Chemical Society</i> , 2018, 140, 10504-10513.	13.7	303
4	Influence of Electrode Interfaces on the Stability of Perovskite Solar Cells: Reduced Degradation Using $\text{MoO}_3/\text{Al}$ for Hole Collection. <i>ACS Energy Letters</i> , 2016, 1, 38-45.	17.4	237
5	Structural and chemical evolution of methylammonium lead halide perovskites during thermal processing from solution. <i>Energy and Environmental Science</i> , 2016, 9, 2072-2082.	30.8	188
6	High-Work-Function Molybdenum Oxide Hole Extraction Contacts in Hybrid Organic-Inorganic Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 31491-31499.	8.0	151
7	High-Performance Flexible Perovskite Solar Cells on Ultrathin Glass: Implications of the TCO. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4960-4966.	4.6	111
8	Highly stable cesium lead iodide perovskite quantum dot light-emitting diodes. <i>Nanotechnology</i> , 2017, 28, 455201.	2.6	39
9	Perovskite Quantum Dots. A New Absorber for Perovskite-Perovskite Tandem Solar Cells. , 2018, , .		2
10	Solution-processed photodetectors using colloidal germanium nanoparticles. , 2012, , .		0
11	Non-toxic, colloidal $\text{ZnS-AgInS}_2$ nanoparticles for organic-inorganic hybrid photovoltaics. , 2014, , .		0