

# Qi Jiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1015806/publications.pdf>

Version: 2024-02-01

14  
papers

10,106  
citations

516710

16  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

9526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface passivation of perovskite film for efficient solar cells. <i>Nature Photonics</i> , 2019, 13, 460-466.	31.4	3,458
2	Enhanced electron extraction using SnO <sub>2</sub> for high-efficiency planar-structure HC(NH <sub>2</sub> ) <sub>2</sub> PbI <sub>3</sub> -based perovskite solar cells. <i>Nature Energy</i> , 2017, 2, .	39.5	1,633
3	Planar-Structure Perovskite Solar Cells with Efficiency beyond 21%. <i>Advanced Materials</i> , 2017, 29, 1703852.	21.0	1,003
4	Efficient green light-emitting diodes based on quasi-two-dimensional composition and phase engineered perovskite with surface passivation. <i>Nature Communications</i> , 2018, 9, 570.	12.8	763
5	Resolving spatial and energetic distributions of trap states in metal halide perovskite solar cells. <i>Science</i> , 2020, 367, 1352-1358.	12.6	699
6	Ultra-bright and highly efficient inorganic based perovskite light-emitting diodes. <i>Nature Communications</i> , 2017, 8, 15640.	12.8	669
7	SnO <sub>2</sub> : A Wonderful Electron Transport Layer for Perovskite Solar Cells. <i>Small</i> , 2018, 14, e1801154.	10.0	639
8	Solvent-controlled growth of inorganic perovskite films in dry environment for efficient and stable solar cells. <i>Nature Communications</i> , 2018, 9, 2225.	12.8	526
9	Evolution of defects during the degradation of metal halide perovskite solar cells under reverse bias and illumination. <i>Nature Energy</i> , 2022, 7, 65-73.	39.5	158
10	Interfacial Molecular Doping of Metal Halide Perovskites for Highly Efficient Solar Cells. <i>Advanced Materials</i> , 2020, 32, e2001581.	21.0	139
11	A high-performance photodetector based on an inorganic perovskite-ZnO heterostructure. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6115-6122.	5.5	107
12	Wide-Bandgap Metal Halide Perovskites for Tandem Solar Cells. <i>ACS Energy Letters</i> , 2021, 6, 232-248.	17.4	89
13	Highly efficient and stable planar heterojunction perovskite solar cells via a low temperature solution process. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12133-12138.	10.3	86
14	Interface Engineering of High-Performance Perovskite Photodetectors Based on PVP/SnO <sub>2</sub> Electron Transport Layer. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6505-6512.	8.0	37