

Kaimin Xu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

843
citations

932766

10
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

1183
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Photomultiplication by Charge-Self-Trapping for High-Response Quantum Dot Infrared Photodetectors. ACS Applied Materials & Interfaces, 2022, 14, 14783-14790.	4.0	12
2	One-Step Synthesis of SnI ₂ ·(DMSO) _x Adducts for High-Performance Tin Perovskite Solar Cells. Journal of the American Chemical Society, 2021, 143, 10970-10976.	6.6	280
3	Silicon: quantum dot photovoltage triodes. Nature Communications, 2021, 12, 6696.	5.8	22
4	Integrated Structure and Device Engineering for High Performance and Scalable Quantum Dot Infrared Photodetectors. Small, 2020, 16, e2003397.	5.2	67
5	Inverted Si:PbS Colloidal Quantum Dot Heterojunction-Based Infrared Photodetector. ACS Applied Materials & Interfaces, 2020, 12, 15414-15421.	4.0	53
6	Solution-processed upconversion photodetectors based on quantum dots. Nature Electronics, 2020, 3, 251-258.	13.1	135
7	Amorphous ZnO/PbS Quantum Dots Heterojunction for Efficient Responsivity Broadband Photodetectors. ACS Applied Materials & Interfaces, 2020, 12, 8403-8410.	4.0	47
8	Bi-inorganic-ligand coordinated colloidal quantum dot ink. Chemical Communications, 2019, 55, 9483-9486.	2.2	11
9	Efficient and Stable Inverted Perovskite Solar Cells Incorporating Secondary Amines. Advanced Materials, 2019, 31, e1903559.	11.1	128
10	Highly Efficient Inverted Structural Quantum Dot Solar Cells. Advanced Materials, 2018, 30, 1704882.	11.1	88