Xiaokun Yang

List of Publications by Year
in descending order

9 papers	491 citations	1163117 8 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	770 citing authors

#	Article	IF	Citations
1	Grain‐Boundaries‐Engineering via Laser Manufactured La‐Doped $BaSnO_3$ Nanocrystals with Tailored Surface States Enabling Perovskite Solar Cells with Efficiency of 23.74%. Advanced Functional Materials, 2022, 32, 2112388.	14.9	16
2	Acetate-Based Crystallization Kinetics Modulation of $CsPbI_2Br$ for Improved Photovoltaic Performance. ACS Applied Energy Materials, 2020, 3, 658-665.	5.1	21
3	Double Barriers for Moisture Degradation: Assembly of Hydrolysable Hydrophobic Molecules for Stable Perovskite Solar Cells with High Open‐Circuit Voltage. Advanced Functional Materials, 2020, 30, 2002639.	14.9	61
4	Laser‐Generated Supranano Liquid Metal as Efficient Electron Mediator in Hybrid Perovskite Solar Cells. Advanced Materials, 2020, 32, e2001571.	21.0	46
5	Hydrolyzable Hydrophobic Molecules: Double Barriers for Moisture Degradation: Assembly of Hydrolysable Hydrophobic Molecules for Stable Perovskite Solar Cells with High Open‐Circuit Voltage (Adv. Funct. Mater. 28/2020). Advanced Functional Materials, 2020, 30, 2070189.	14.9	0
6	Embedding of WO3 nanocrystals with rich oxygen-vacancies in solution processed perovskite film for improved photovoltaic performance. Journal of Power Sources, 2020, 461, 228175.	7.8	17
7	Laser‐Generated Nanocrystals in Perovskite: Universal Embedding of Ligand‐Free and Sub‐10 nm Nanocrystals in Solution‐Processed Metal Halide Perovskite Films for Effectively Modulated Optoelectronic Performance. Advanced Energy Materials, 2019, 9, 1901341.	19.5	42
8	Surface & grain boundary co-passivation by fluorocarbon based bifunctional molecules for perovskite solar cells with efficiency over 21%. Journal of Materials Chemistry A, 2019, 7, 2497-2506.	10.3	141
9	Embedding laser generated nanocrystals in BiVO4 photoanode for efficient photoelectrochemical water splitting. Nature Communications, 2019, 10, 2609.	12.8	140