

# Huaxin Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1351840/publications.pdf>

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14  
papers

1,338  
citations

623734

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1058476

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docs citations

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times ranked

1496  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion diffusion-induced double layer doping toward stable and efficient perovskite solar cells. Nano Research, 2022, 15, 5114-5122.	10.4	47
2	Double-Side Interface Engineering Synergistically Boosts the Efficiency of Inorganic CsPbI <sub>2</sub> Br Perovskite Solar Cells Over 12%. Advanced Optical Materials, 2022, 10, .	7.3	16
3	All-Inorganic Lead-Free Perovskite (Like) Single Crystals: Synthesis, Properties, and Applications. Small Methods, 2021, 5, e2001308.	8.6	60
4	Opportunities and challenges of inorganic perovskites in high-performance photodetectors. Journal Physics D: Applied Physics, 2021, 54, 293002.	2.8	35
5	NH <sub>4</sub> Cl-Modified ZnO for High-Performance CsPbI <sub>2</sub> Br Perovskite Solar Cells via Low-Temperature Process. Solar Rrl, 2020, 4, 1900363.	5.8	186
6	Room temperature synthesis of stable single silica-coated CsPbBr <sub>3</sub> quantum dots combining tunable red emission of Ag-In-Zn-S for High-CRI white light-emitting diodes. Nano Energy, 2020, 67, 104279.	16.0	197
7	Small Molecule Modulator at the Interface for Efficient Perovskite Solar Cells with High Short-Circuit Current Density and Hysteresis Free. Advanced Electronic Materials, 2020, 6, 2000604.	5.1	62
8	Interface Modulator of Ultrathin Magnesium Oxide for Low-Temperature-Processed Inorganic CsPbI <sub>2</sub> Br Perovskite Solar Cells with Efficiency Over 11%. Solar Rrl, 2020, 4, 2000226.	5.8	98
9	Challenges and strategies relating to device function layers and their integration toward high-performance inorganic perovskite solar cells. Nanoscale, 2020, 12, 14369-14404.	5.6	99
10	Critical role of interface contact modulation in realizing low-temperature fabrication of efficient and stable CsPbI <sub>2</sub> Br perovskite solar cells. Chemical Engineering Journal, 2020, 394, 124903.	12.7	97
11	High performance CsPbBr <sub>3</sub> quantum dots photodetectors by using zinc oxide nanorods arrays as an electron-transport layer. Applied Physics Letters, 2020, 116, .	3.3	102
12	Ultrapure and highly efficient green light emitting devices based on ligand-modified CsPbBr <sub>3</sub> quantum dots. Photonics Research, 2020, 8, 1086.	7.0	51
13	Defect passivation using ultrathin PTAA layers for efficient and stable perovskite solar cells with a high fill factor and eliminated hysteresis. Journal of Materials Chemistry A, 2019, 7, 26421-26428.	10.3	262
14	Seasonal performance comparison of three grid connected photovoltaic systems based on different technologies operating under the same conditions. Solar Energy, 2017, 144, 798-807.	6.1	26