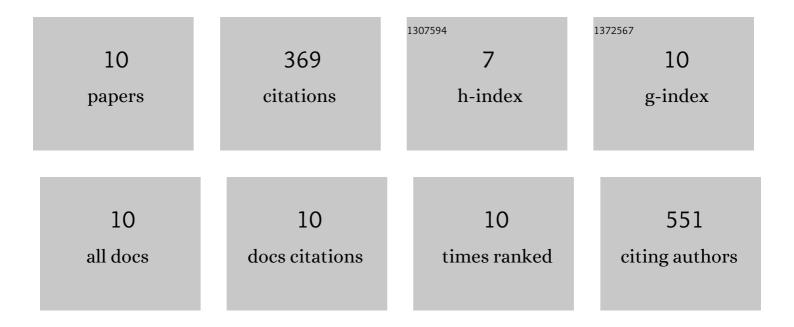
Kai Zhang

List of Publications by Year in descending order

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KALZHANC

#	Article	IF	CITATIONS
1	Selfâ€Ðriven Perovskite Narrowband Photodetectors with Tunable Spectral Responses. Advanced Materials, 2021, 33, e2005557.	21.0	109
2	A prenucleation strategy for ambient fabrication of perovskite solar cells with high device performance uniformity. Nature Communications, 2020, 11, 1006.	12.8	98
3	Freeing the Polarons to Facilitate Charge Transport in BiVO ₄ from Oxygen Vacancies with an Oxidative 2D Precursor. Angewandte Chemie - International Edition, 2019, 58, 19087-19095.	13.8	64
4	Surface passivation of organometal halide perovskites by atomic layer deposition: an investigation of the mechanism of efficient inverted planar solar cells. Nanoscale Advances, 2021, 3, 2305-2315.	4.6	25
5	Freeing the Polarons to Facilitate Charge Transport in BiVO ₄ from Oxygen Vacancies with an Oxidative 2D Precursor. Angewandte Chemie, 2019, 131, 19263-19271.	2.0	21
6	Selfâ€Driven Perovskite Dualâ€Band Photodetectors Enabled by a Charge Separation Reversion Mechanism. Advanced Optical Materials, 2021, 9, 2100517.	7.3	21
7	Good or evil: what is the role of water in crystallization of organometal halide perovskites?. Nanoscale Horizons, 2020, 5, 1147-1154.	8.0	11
8	Boosting performance and stability of inverted perovskite solar cells by modulating the cathode interface with phenyl phosphine-inlaid semiconducting polymer. Nano Energy, 2021, 89, 106374.	16.0	10
9	Building Bulk Heterojunction to Enhance Hole Extraction for Highâ€Performance Printable Carbonâ€Based Perovskite Solar Cells. Solar Rrl, 2022, 6, .	5.8	6
10	A Heatâ€Liquefiable Solid Precursor for Ambient Growth of Perovskites with High Tunability, Performance and Stability. Small Methods, 2022, 6, .	8.6	4