Feng Wang

List of Publications by Year
in descending order

18	1,853	566801 15	839053 18
papers	citations	h-index	g-index

18	18	18	3670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temperatureâ€Insensitive Efficient Inorganic Perovskite Photovoltaics by Bulk Heterojunctions. Advanced Materials, 2022, , 2108357.	11.1	9
2	Efficient Stabilization and Passivation for Low-Temperature-Processed Î³-CsPbI3 Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 18784-18791.	4.0	11
3	Unveiling the guest effect of N-butylammonium iodide towards efficient and stable 2D-3D perovskite solar cells through sequential deposition process. Chemical Engineering Journal, 2020, 391, 123589.	6.6	34
4	Flexible optoelectronic devices based on metal halide perovskites. Nano Research, 2020, 13, 1997-2018.	5.8	52
5	Mediatorâ€“Antisolvent Strategy to Stabilize All-Inorganic CsPbI₃ for Perovskite Solar Cells with Efficiency Exceeding 16%. ACS Energy Letters, 2020, 5, 1619-1627.	8.8	46
6	Improved crystallinity of perovskite via molecularly tailored surface modification of SnO2. Journal of Power Sources, 2019, 441, 227161.	4.0	20
7	Low-temperature processed inorganic perovskites for flexible detectors with a broadband photoresponse. Nanoscale, 2019, 11, 2871-2877.	2.8	74
8	Flexible, UV-responsive perovskite photodetectors with low driving voltage. Journal of Materials Science, 2019, 54, 11556-11563.	1.7	17
9	Corrosive Behavior of Silver Electrode in Inverted Perovskite Solar Cells Based on Cu:NiO_x. IEEE Journal of Photovoltaics, 2019, 9, 1081-1085.	1.5	17
10	Steering the crystallization of perovskites for high-performance solar cells in ambient air. Journal of Materials Chemistry A, 2019, 7, 12166-12175.	5.2	65
11	Band alignment of Pbâ€“Sn mixed triple cation perovskites for inverted solar cells with negligible hysteresis. Journal of Materials Chemistry A, 2019, 7, 9154-9162.	5.2	54
12	Enhanced Crystallinity of Triple-Cation Perovskite Film via Doping NH4SCN. Nanoscale Research Letters, 2019, 14, 304.	3.1	14
13	Humidity-insensitive fabrication of efficient perovskite solar cells in ambient air. Journal of Power Sources, 2019, 412, 359-365.	4.0	19
14	Suppressed Decomposition of Perovskite Film on ZnO Via a Selfâ€Assembly Monolayer of Methoxysilane. Solar Rrl, 2018, 2, 1800240.	3.1	18
15	Defects engineering for high-performance perovskite solar cells. Npj Flexible Electronics, 2018, 2, .	5.1	334
16	Efficient planar heterojunction perovskite solar cells with Li-doped compact TiO 2 layer. Nano Energy, 2017, 31, 462-468.	8.2	244
17	Phenylalkylamine Passivation of Organolead Halide Perovskites Enabling Highâ€Efficiency and Airâ€Stable Photovoltaic Cells. Advanced Materials, 2016, 28, 9986-9992.	11.1	532
18	HPbI₃: A New Precursor Compound for Highly Efficient Solutionâ€Processed Perovskite Solar Cells. Advanced Functional Materials, 2015, 25, 1120-1126.	7.8	293