Lin Fan

List of Publications by Year
in descending order

21	472	759233 12	752698 20
papers	citations	h-index	g-index

21	21	21	679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elucidating the role of chlorine in perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 7423-7432.	10.3	95
2	Iodine-assisted antisolvent engineering for stable perovskite solar cells with efficiency >21.3 %. Nano Energy, 2020, 67, 104224.	16.0	46
3	Interface Dipole Induced Fieldâ€Effect Passivation for Achieving 21.7% Efficiency and Stable Perovskite Solar Cells. Advanced Functional Materials, 2021, 31, 2008052.	14.9	40
4	Activating Old Materials with New Architecture: Boosting Performance of Perovskite Solar Cells with H₂Oâ€Assisted Hierarchical Electron Transporting Layers. Advanced Science, 2019, 6, 1801170.	11.2	35
5	Delayed Annealing Treatment for High-Quality CuSCN: Exploring Its Impact on Bifacial Semitransparent n-i-p Planar Perovskite Solar Cells. ACS Applied Energy Materials, 2018, 1, 1575-1584.	5.1	30
6	Moisture-preventing MAPbI3 solar cells with high photovoltaic performance via multiple ligand engineering. Nano Research, 2022, 15, 1375-1382.	10.4	29
7	Constructing m-TiO2/a-WOx hybrid electron transport layer to boost interfacial charge transfer for efficient perovskite solar cells. Chemical Engineering Journal, 2020, 402, 126303.	12.7	28
8	Diluted-CdS Quantum Dot-Assisted SnO₂ Electron Transport Layer with Excellent Conductivity and Suitable Band Alignment for High-Performance Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 16326-16335.	8.0	27
9	Identification and characterization of a Sox2 homolog in the Japanese flounder Paralichthys olivaceus. Gene, 2014, 544, 165-176.	2.2	21
10	Full-scale chemical and field-effect passivation: 21.52% efficiency of stable MAPbI3 solar cells via benzenamine modification. Nano Research, 2021, 14, 2783-2789.	10.4	20
11	Hot-Carrier Injection Antennas with Hemispherical AgO_x@Ag Architecture for Boosting the Efficiency of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 41446-41453.	8.0	19
12	Novel insight into the function of PC61BM in efficient planar perovskite solar cells. Nano Energy, 2016, 27, 561-568.	16.0	14
13	Constructing â€œhillocksâ€•like random-textured absorber for efficient planar perovskite solar cells. Chemical Engineering Journal, 2020, 387, 124091.	12.7	12
14	A two-fold interfacial electric-field strategy: boosting the performance of electron transport layer-free perovskite solar cells with low-cost and versatile inorganic acid treatment. Journal of Materials Chemistry C, 2021, 9, 12920-12927.	5.5	12
15	Novel insights into the role of solvent environment in perovskite solar cells prepared by two-step sequential deposition. Journal of Power Sources, 2020, 480, 228862.	7.8	9
16	Sequences analyses and expression profiles in tissues and embryos of Japanese flounder (Paralichthys) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.3	8
17	Interior/Interface Modification of Textured Perovskite for Enhanced Photovoltaic Outputs of Planar Solar Cells by an In Situ Growth Passivation Technology. ACS Applied Materials & Interfaces, 2021, 13, 39689-39700.	8.0	8
18	Enhanced photovoltaic output of bifacial perovskite solar cells via tailoring photoelectric balance in rear window layers with 1T-WS₂ nanosheet engineering. Materials Chemistry Frontiers, 2022, 6, 2061-2071.	5.9	8

#	Article	IF	Citations
19	Photoelectric balance of rear electrode in bifacial perovskite solar cells: Construction of 0D/1D/2D composite electrode based on silver nanowires to boost photovoltaic output. Journal of Power Sources, 2022, 520, 230815.	7.8	7
20	Identification and Characterization of a PRDM14 Homolog in Japanese Flounder (Paralichthys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	4.1	4
21	Growth mechanism and room temperature ferromagnetism property of the Zn1â^'xCrxS nanobelts. Journal of Materials Science: Materials in Electronics, 2014, 25, 2574-2577.	2.2	0