

# Linfeng Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9261965/publications.pdf>

Version: 2024-02-01

13  
papers

265  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in solution-processable near-infrared phototransistors. Journal of Materials Chemistry C, 2019, 7, 3711-3729.	5.5	74
2	Narrowband Near-Infrared Perovskite/Polymer Hybrid Photodetectors. ACS Applied Materials & Interfaces, 2021, 13, 981-988.	8.0	47
3	Efficient and stable operation of nonfullerene organic solar cells: retaining a high built-in potential. Journal of Materials Chemistry A, 2020, 8, 21255-21264.	10.3	34
4	Dual-Band Organic Photodetectors for Dual-Channel Optical Communications. Laser and Photonics Reviews, 2022, 16, .	8.7	25
5	Enhanced long wavelength omnidirectional photoresponses in photonic-structured perovskite photodetectors. Journal of Materials Chemistry C, 2019, 7, 9573-9580.	5.5	21
6	High-performance solution-processed large-area transparent self-powered organic near-infrared photodetectors. Materials Today Energy, 2021, 21, 100708.	4.7	20
7	Toward efficient and stable operation of perovskite solar cells: Impact of sputtered metal oxide interlayers. Nano Select, 2021, 2, 1417-1436.	3.7	10
8	Mitigation of Morphological Defects in Methylammonium-Free Formamidinium-Based Perovskite Solar Cells. ACS Applied Energy Materials, 2022, 5, 8304-8312.	5.1	9
9	High efficiency perovskite solar cells with PTAA hole transport layer enabled by PMMA:F4-TCNQ buried interface layer. Journal of Materials Chemistry C, 2022, 10, 9714-9722.	5.5	8
10	Effect of Precursor Aging on Built-In Potential in Formamidinium-Based Perovskite Solar Cells. Energy Technology, 2020, 8, 2000192.	3.8	7
11	High Built-In Potential Perovskite Solar Cells Realized by Incorporating a Hybrid Hole Extraction Layer. Solar Rrl, 2020, 4, 2000393.	5.8	5
12	Chiral Nanoparticles with Enhanced Thermal Stability of Chiral Structures through Alloying. Small, 2022, 18, e2107657.	10.0	5
13	Perovskite/Organic Hybrid Dual-Band Photodetectors. , 0, , .		0