

# Linfeng Cai

## List of Publications by Year in descending order

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13  
papers

265  
citations

1307594

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1199594

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13  
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docs citations

13  
times ranked

331  
citing authors

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