

Jialin Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-Performance Planar-Type Ultraviolet Photodetector Based on High-Quality CH ₃ NH ₃ PbCl ₃ Perovskite Single Crystals. ACS Applied Materials & Interfaces, 2019, 11, 34144-34150.	8.0	71
2	Investigation of Interface Effect on the Performance of CH ₃ NH ₃ PbCl ₃ /ZnO UV Photodetectors. ACS Applied Materials & Interfaces, 2018, 10, 34744-34750.	8.0	40
3	A Solution-Processed All-Perovskite Memory with Dual-Band Light Response and Tri-Mode Operation. Advanced Functional Materials, 2022, 32, 2110975.	14.9	30
4	Performance improvement of a ZnMgO ultraviolet detector by chemical treatment with hydrogen peroxide. Journal of Materials Chemistry C, 2017, 5, 7598-7603.	5.5	23
5	Microwave Synthesis and High-Mobility Charge Transport of Carbon-Nanotube-In-Perovskite Single Crystals. Advanced Optical Materials, 2020, 8, 2001740.	7.3	15
6	Performance enhancement of a p-Si/n-ZnGa ₂ O ₄ heterojunction solar-blind UV photodetector through interface engineering. Journal of Materials Chemistry C, 2021, 9, 10013-10019.	5.5	14
7	Ultraviolet electroluminescence from a n-ZnO film/p-GaN heterojunction under both forward and reverse bias. Journal of Materials Chemistry C, 2018, 6, 11368-11373.	5.5	13
8	Effects of Mg Component Ratio on Photodetection Performance of MgGa ₂ O ₄ Solar-Blind Ultraviolet Photodetectors. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	2.4	6