

Diksha Thakur

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Self-stability of un-encapsulated polycrystalline MAPbI ₃ solar cells via the formation of chemical bonds between C60 molecules and MA cations. <i>Solar Energy Materials and Solar Cells</i> , 2022, 235, 111454.	6.2	10
2	Regioregularity effects of p-type P3CT-Na polymers on inverted perovskite photovoltaic cells. <i>Organic Electronics</i> , 2022, 102, 106449.	2.6	8
3	Structural, optical and excitonic properties of urea grading doped CH ₃ NH ₃ PbI ₃ thin films and their application in inverted-type perovskite solar cells. <i>Journal of Alloys and Compounds</i> , 2021, 858, 157660.	5.5	12
4	Anti-solvent mixture-mediated reduction of photocurrent hysteresis in high-impurity perovskite precursor based MAPbI ₃ solar cells. <i>Solar Energy</i> , 2021, 214, 86-92.	6.1	19
5	On the role of solution-processed bathocuproine in high-efficiency inverted perovskite solar cells. <i>Solar Energy</i> , 2021, 218, 142-149.	6.1	23
6	Ag modified bathocuproine:ZnO nanoparticles electron buffer layer based bifacial inverted-type perovskite solar cells. <i>Organic Electronics</i> , 2021, 92, 106110.	2.6	14
7	Efficiency improvement of P3CT-Na based MAPbI ₃ solar cells with a simple wetting process. <i>Nanotechnology</i> , 2021, 32, 345402.	2.6	6
8	Improvement of interfacial contact for efficient PCBM/MAPbI ₃ planar heterojunction solar cells with a binary antisolvent mixture treatment. <i>Nanotechnology</i> , 2021, 32, 485401.	2.6	5
9	Stable and high-efficiency P3CT-Na based MAPbI ₃ solar cells with a graphene quantum-dots down-converter. <i>Solar Energy</i> , 2021, 225, 882-891.	6.1	5
10	Highly efficient and stable P3CT-Na based MAPbI ₃ solar cells with a Sn-rich ITO anode. <i>Solar Energy Materials and Solar Cells</i> , 2021, 231, 111305.	6.2	13
11	Wavelength-Dependent Optical Chiralities of Symmetric and Asymmetric 2-Shaped Au Nanorod Structures at Nanoscales. <i>Plasmonics</i> , 2020, 15, 2053-2059.	3.4	0
12	Highly efficient solar-heat shield based on the bipolaron-assisted PEDOT:PSS thin film. <i>Chinese Journal of Physics</i> , 2020, 66, 102-108.	3.9	2
13	The Way to Pursue Truly High-Performance Perovskite Solar Cells. <i>Nanomaterials</i> , 2019, 9, 1269.	4.1	10
14	Efficiency Enhancement of Light Extraction from an Air/GaN Interface via Nanogap-Induced Mode Splitting. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900073.	2.8	2
15	Effect of addition of zinc ferrite on dielectric and magnetic properties of (Ba,Ca)TiO ₃ ceramics. <i>Integrated Ferroelectrics</i> , 2017, 185, 147-154.	0.7	12
16	Regioregularity Effects of P-Type P3ct-Na Polymers on Inverted Perovskite Photovoltaic Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0