

Muhammad Imran Saleem

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

302
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and simulation of high-efficiency GaAs PIN solar cells. Journal of Computational Electronics, 2021, 20, 310-316.	2.5	17
2	All-solution-processed UV-IR broadband trilayer photodetectors with CsPbBr ₃ colloidal nanocrystals as carriers-extracting layer. Nanotechnology, 2020, 31, 165502.	2.6	16
3	Porous Single-Wall Carbon Nanotube Templates Decorated with All-inorganic Perovskite Nanocrystals for Ultraflexible Photodetectors. ACS Applied Nano Materials, 2020, 3, 459-467.	5.0	19
4	Ultra-sensitive solution-processed broadband photodetectors based on vertical field-effect transistor. Nanotechnology, 2020, 31, 105203.	2.6	30
5	Interlayer of PMMA Doped with Au Nanoparticles for High-Performance Tandem Photodetectors: A Solution to Suppress Dark Current and Maintain High Photocurrent. ACS Applied Materials & Interfaces, 2020, 12, 26153-26160.	8.0	51
6	Solution-Processed, Self-Powered Broadband CH ₃ NH ₃ PbI ₃ Photodetectors Driven by Asymmetric Electrodes. Advanced Optical Materials, 2020, 8, 2000215.	7.3	32
7	Self-powered, all-solution processed, trilayer heterojunction perovskite-based photodetectors. Nanotechnology, 2020, 31, 254001.	2.6	13
8	A facile method to synthesize two-dimensional CsPb ₂ Br ₅ nano-/micro-sheets for high-performance solution-processed photodetectors. Journal of Alloys and Compounds, 2020, 824, 153970.	5.5	22
9	Surface Engineering of All-inorganic Perovskite Quantum Dots with Quasi Core-Shell Technique for High-Performance Photodetectors. Advanced Materials Interfaces, 2020, 7, 2000360.	3.7	34
10	High-performance solution-processed colloidal quantum dots-based tandem broadband photodetectors with dielectric interlayer. Nanotechnology, 2019, 30, 465203.	2.6	30
11	Solution-phase, template-free synthesis of PbI ₂ and MAPbI ₃ nano/microtubes for high-sensitivity photodetectors. Nanoscale, 2019, 11, 5188-5196.	5.6	24
12	A one-step method to synthesize CH ₃ NH ₃ PbI ₃ :MoS ₂ nanohybrids for high-performance solution-processed photodetectors in the visible region. Nanotechnology, 2019, 30, 085707.	2.6	14