

Peihua

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bidentate Ligand-Induced Oriented Transformation of CsPbBr ₃ Perovskite Nanocrystals into Nanowires for X-ray Photodetectors. ACS Applied Nano Materials, 2022, 5, 13737-13744.	5.0	10
2	Resistive switching of self-assembly stacked h-BN polycrystal film. Cell Reports Physical Science, 2022, 3, 100939.	5.6	9
3	Large-area CdZnTe thick film based array X-ray detector. Vacuum, 2021, 183, 109855.	3.5	25
4	Purely physical fabrication of 10 cm Å– 10 cm, highly uniform Pbl ₂ thin films on rigid and flexible substrates for x-ray photodetection application. APL Materials, 2020, 8, 031108.	5.1	3
5	Extraction and Analysis of the Characteristic Parameters in Back-to-Back Connected Asymmetric Schottky Diode. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1901018.	1.8	10
6	Two-dimensional heterostructure promoted infrared photodetection devices. Informa-Å-Materi-Åjly, 2019, 1, 272-288.	17.3	105
7	Low-dimensional nanomaterial/Si heterostructure-based photodetectors. Informa-Å-Materi-Åjly, 2019, 1, 140-163.	17.3	81
8	Self-Powered X-Ray Detector Based on All-Inorganic Perovskite Thick Film with High Sensitivity Under Low Dose Rate. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900094.	2.4	63
9	Facile synthesis and electrochemical performances of multi-walled carbon nanotubes/poly(3,4-ethylenedioxythiophene) composite films as electrodes for fabric supercapacitors. Journal of Materials Science: Materials in Electronics, 2019, 30, 6350-6357.	2.2	4
10	Self-Powered X-Ray Photodetector Based on Ultrathin Pbl ₂ Single Crystal. IEEE Electron Device Letters, 2019, 40, 578-581.	3.9	17
11	Recent Advances in Halide Perovskite Photodetectors Based on Different Dimensional Materials. Advanced Optical Materials, 2018, 6, 1701302.	7.3	107
12	2D Nanomaterial Arrays for Electronics and Optoelectronics. Advanced Functional Materials, 2018, 28, 1706559.	14.9	101
13	2D Group IVB Transition Metal Dichalcogenides. Advanced Functional Materials, 2018, 28, 1803305.	14.9	91
14	Two-step method for preparing all-inorganic CsPbBr ₃ perovskite film and its photoelectric detection application. Materials Letters, 2017, 186, 243-246.	2.6	60
15	Facile growth and characterization of freestanding single crystal Pbl ₂ film. Materials Letters, 2016, 180, 59-62.	2.6	17
16	Mechanical exfoliation and Raman spectra of ultrathin Pbl ₂ single crystal. Materials Letters, 2016, 168, 68-71.	2.6	61
17	A Universal Extraction Method for Physical Parameters Applied for J-V Curves of Solar Cells. Journal of Electronic Materials, 0, , 1.	2.2	0