

# Peihua

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1806776/publications.pdf>

Version: 2024-02-01

17  
papers

764  
citations

840776

11  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1494  
citing authors

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