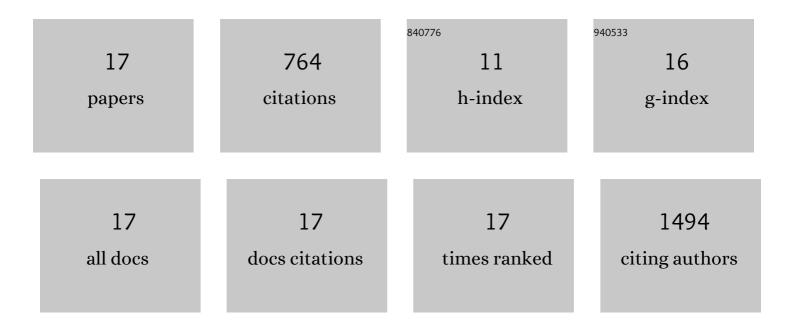


List of Publications by Year in descending order

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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 \tilde{A} — 10 cm, highly uniform PbI2 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 Backâ€ŧoâ€Back Connected Asymmetric Schottky Diode. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1901018.	1.8	10
6	Twoâ€dimensional heterostructure promoted infrared photodetection devices. InformaÄnÃ-Materiály, 2019, 1, 272-288.	17.3	105
7	Lowâ€dimensional nanomaterial/Si heterostructureâ€based photodetectors. InformaÄnÃ-Materiály, 2019, 1, 140-163.	17.3	81
8	Selfâ€Powered Xâ€Ray Detector Based on Allâ€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 CsPbBr3 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 PbI 2 film. Materials Letters, 2016, 180, 59-62.	2.6	17
16	Mechanical exfoliation and Raman spectra of ultrathin PbI2 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