

# Huiyong Deng

## List of Publications by Year in descending order

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12  
papers

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1478505

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times ranked

154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and microstructure of spinel zinc ferrite ZnFe <sub>2</sub> O <sub>4</sub> by Co-precipitation method. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 927-930.	1.0	24
2	Anomalous thermoelectricity in strained Bi <sub>2</sub> Te <sub>3</sub> films. Scientific Reports, 2016, 6, 32661.	3.3	11
3	Bulk photovoltaic effect at infrared wavelength in strained Bi <sub>2</sub> Te <sub>3</sub> films. APL Materials, 2016, 4, .	5.1	9
4	Few-layered MoS <sub>2</sub> Based Vertical van der Waals p-n Homojunction by Highly Efficient N <sub>2</sub> Plasma Implantation. Advanced Electronic Materials, 2022, 8, .	5.1	8
5	Impact of the Structural Parameters on the Photoresponse of Terahertz Blocked-Impurity-Band Detectors With Planar Structure. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 358-362.	3.1	7
6	Bio-Separated and Gate-Free 2D MoS <sub>2</sub> Biosensor Array for Ultrasensitive Detection of BRCA1. Nanomaterials, 2021, 11, 545.	4.1	7
7	Dark-Current-Blocking Mechanism in BIB Far-Infrared Detectors by Interfacial Barriers. IEEE Transactions on Electron Devices, 2021, 68, 2804-2809.	3.0	5
8	Ultrafast and Highly Sensitive Dual-Channel FET Photodetector Based on a Two-Dimensional MoS <sub>2</sub> Homojunction. ACS Applied Materials & Interfaces, 2021, 13, 54194-54203.	8.0	5
9	GROWTH AND MICROSTRUCTURES OF ULTRATHIN Bi <sub>2</sub> Te <sub>3</sub> NANOPlates BY MODIFIED HOT WALL EPITAXY. Nano, 2014, 09, 1450056.	1.0	4
10	Flexible Transparent Heat Mirror for Thermal Applications. Nanomaterials, 2020, 10, 2479.	4.1	4
11	Observation of gain operation mode in Ge:B BIB THz detector. AIP Advances, 2021, 11, 055015.	1.3	1
12	Temperature induced electrical transport in n-Bi <sub>2</sub> Te <sub>3</sub> /p-InAs thermoelectric heterojunctions. Journal of Materials Science, 2022, 57, 8767-8778.	3.7	0