

# Chetan K Zankat

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

394  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonochemical exfoliation, characterization and photoresponse of MoS <sub>0.5</sub> Se <sub>1.5</sub> nanosheets. Journal of Materials Science: Materials in Electronics, 2021, 32, 11805-11812.	2.2	7
2	Low-Temperature Raman Investigations and Photoresponse of a Detector Based on High-Quality WSe <sub>2</sub> Crystals. Journal of Physical Chemistry C, 2020, 124, 2251-2257.	3.1	32
3	Flexible paper based piezo-resistive sensor functionalised by 2D-WSe <sub>2</sub> nanosheets. Nanotechnology, 2020, 31, 435503.	2.6	39
4	Photovoltaic activity of WSe <sub>2</sub> /Si hetero junction. Materials Research Bulletin, 2019, 120, 110602.	5.2	40
5	Humidity sensor based on Sb <sub>0.1</sub> Sn <sub>0.9</sub> Se <sub>2</sub> ternary alloy for human breath monitoring and touchless positioning interface. European Physical Journal Plus, 2019, 134, 1.	2.6	17
6	Paper-Based Flexible Photodetector Functionalized by WSe <sub>2</sub> Nanodots. ACS Applied Nano Materials, 2019, 2, 2758-2766.	5.0	106
7	Transient photoresponse of infrared photodetector based on Sb <sub>0.1</sub> Sn <sub>0.9</sub> Se <sub>2</sub> ternary alloy. Materials Research Express, 2019, 6, 065906.	1.6	4
8	High performance humidity sensor based on V <sub>0.5</sub> Sn <sub>0.5</sub> Se <sub>2</sub> ternary alloy. Journal of Materials Science: Materials in Electronics, 2019, 30, 6065-6070.	2.2	4
9	Giant humidity responsiveness of WSe <sub>2</sub> nanosheets for novel electronic listening and touchless positioning interface. Journal of Materials Science: Materials in Electronics, 2019, 30, 3137-3143.	2.2	21
10	Promoting photoresponse of resistive detector based on V <sub>0.15</sub> Sn <sub>0.85</sub> Se <sub>2</sub> ternary alloy. Materials Science in Semiconductor Processing, 2019, 91, 383-386.	4.0	17
11	Investigation of morphological and structural properties of V incorporated SnSe <sub>2</sub> single crystals. Materials Science in Semiconductor Processing, 2018, 80, 137-142.	4.0	28
12	Alloy engineering for enhanced photodetection in V <sub>x</sub> Sn <sub>1-x</sub> Se <sub>2</sub> ternary crystals. Materials Letters, 2018, 221, 35-37.	2.6	28
13	Photosensitive space charge limited current in screen printed CdTe thin films. AIP Conference Proceedings, 2018, , .	0.4	0
14	Tuning of photodetection properties of V <sub>0.5</sub> Sn <sub>0.5</sub> Se <sub>2</sub> ternary alloy. Materials Research Express, 2018, 5, 056207.	1.6	8
15	Fabrication and photoresponse of n- WSe <sub>2</sub> / p-V <sub>0.25</sub> Se <sub>2</sub> . Pramana - Journal of Physics, 2018, 91, 1.	1.8	12
16	Transient photo-response properties of CdTe thin films synthesized by screen printing technique. Materials Science in Semiconductor Processing, 2017, 71, 226-231.	4.0	31