

Chetan K Zankat

List of Publications by Year in descending order

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16
papers

394
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840776

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all docs

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docs citations

16
times ranked

251
citing authors

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