

# Kun Cao

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

75  
citations

1684188  
5  
h-index

1474206  
9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

26  
citing authors

#	ARTICLE	IF	CITATIONS
1	An alternative GaSb substrate allowing close-spaced sublimation of Cd <sub>0.9</sub> Zn <sub>0.1</sub> Te epitaxial thick film for radiation detectors. <i>Materials Science in Semiconductor Processing</i> , 2022, 147, 106688.	4.0	4
2	The effect of chemical polishing treatment on the microstructure, photoelectric properties of CdZnTe polycrystalline films. <i>Materials Science in Semiconductor Processing</i> , 2021, 124, 105608.	4.0	5
3	Cracking mechanism of CdZnTe polycrystalline film deposited on TFT circuit board at high temperature by close-spaced sublimation method. <i>Materials Science in Semiconductor Processing</i> , 2021, 131, 105821.	4.0	1
4	Preparation of Cd <sub>0.8</sub> Zn <sub>0.2</sub> Te/Cd <sub>0.5</sub> Zn <sub>0.5</sub> Te/n+-GaAs thick film radiation detectors by close spaced sublimation. <i>Vacuum</i> , 2021, 192, 110426.	3.5	6
5	Effects of annealing on the properties of CdZnTe epitaxial thick films deposited on p-GaAs using close-spaced sublimation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1015, 165752.	1.6	4
6	Origin and evolution of threading dislocation in CdZnTe(001)/GaAs(001) epilayer grown by close spaced sublimation. <i>Applied Surface Science</i> , 2020, 504, 144431.	6.1	6
7	Analysis of Dislocations in CdZnTe Epitaxial Film with Kelvin Probe and Conductive Atomic Force Microscopy. <i>Journal of Electronic Materials</i> , 2020, 49, 3907-3912.	2.2	5
8	The growth of CdZnTe epitaxial thick film by close spaced sublimation for radiation detector. <i>Vacuum</i> , 2019, 168, 108852.	3.5	12
9	Improvement of crystalline quality of CdZnTe epilayers on GaAs(001) substrates with a two-step growth by Close Spaced Sublimation. <i>Vacuum</i> , 2019, 164, 319-324.	3.5	23
10	Nucleation and islands growth of CdZnTe(001) epitaxial films on GaAs(001) substrates by close spaced sublimation. <i>Journal of Crystal Growth</i> , 2018, 498, 197-201.	1.5	9