

Chao Wu

List of Publications by Year in descending order

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papers

757
citations

759233

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times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	A general strategy to ultrasensitive Ga ₂ O ₃ based self-powered solar-blind photodetectors. <i>Materials Today Physics</i> , 2022, 23, 100643.	6.0	73
2	Work function tunable laser induced graphene electrodes for Schottky type solar-blind photodetectors. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	95
3	Solution-processed Y-doped SnSrO ₃ electron transport layer for Ga ₂ O ₃ based heterojunction solar-blind photodetector with high sensitivity. <i>Vacuum</i> , 2022, 201, 111064.	3.5	26
4	High sensitive and stable self-powered solar-blind photodetector based on solution-processed all inorganic CuMO ₂ /Ga ₂ O ₃ pn heterojunction. <i>Materials Today Physics</i> , 2021, 17, 100335.	6.0	67
5	Epitaxial Growth and Solar-Blind Photoelectric Characteristic of Ga ₂ O ₃ Film on Various Oriented Sapphire Substrates by Plasma-Enhanced Chemical Vapor Deposition. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100076.	1.8	6
6	Flexible, transparent and self-powered deep ultraviolet photodetector based on Ag NWs/amorphous gallium oxide Schottky junction for wearable devices. <i>Sensors and Actuators A: Physical</i> , 2021, 330, 112870.	4.1	15
7	Broadband Ultraviolet Self-Powered Photodetector Constructed on Exfoliated Ga ₂ O ₃ /CuI Core-Shell Microwire Heterojunction with Superior Reliability. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 447-453.	4.6	90
8	A study on the effects of mixed organic cations on the structure and properties in lead halide perovskites. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 3105-3111.	2.8	19
9	All-Oxide NiO/Ga ₂ O ₃ p-n Junction for Self-Powered UV Photodetector. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2032-2038.	4.3	135
10	Systematic investigation of the growth kinetics of Ga ₂ O ₃ epilayer by plasma enhanced chemical vapor deposition. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	83
11	Vertical Ga ₂ O ₃ phase junction nanorods array with graphene-silver nanowire hybrid conductive electrode for high-performance self-powered solar-blind photodetectors. <i>Materials Today Physics</i> , 2020, 12, 100193.	6.0	73
12	Ga ₂ O ₃ nanorod arrays with high light-to-electron conversion for solar-blind deep ultraviolet photodetection. <i>RSC Advances</i> , 2019, 9, 6064-6069.	3.6	23
13	Cations substitution tuning phase stability in hybrid perovskite single crystals by strain relaxation. <i>RSC Advances</i> , 2018, 8, 2900-2905.	3.6	52