

Chao Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8503484/publications.pdf>

Version: 2024-02-01

13
papers

757
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	All-Oxide NiO/Ga ₂ O ₃ p-n Junction for Self-Powered UV Photodetector. ACS Applied Electronic Materials, 2020, 2, 2032-2038.	4.3	135
2	Work function tunable laser induced graphene electrodes for Schottky type solar-blind photodetectors. Applied Physics Letters, 2022, 120, .	3.3	95
3	Broadband Ultraviolet Self-Powered Photodetector Constructed on Exfoliated $\text{Ga}_2\text{O}_3/\text{CuI}$ Core-Shell Microwire Heterojunction with Superior Reliability. Journal of Physical Chemistry Letters, 2021, 12, 447-453.	4.6	90
4	Systematic investigation of the growth kinetics of Ga_2O_3 epilayer by plasma enhanced chemical vapor deposition. Applied Physics Letters, 2020, 116, .	3.3	83
5	Vertical Ga_2O_3 phase junction nanorods array with graphene-silver nanowire hybrid conductive electrode for high-performance self-powered solar-blind photodetectors. Materials Today Physics, 2020, 12, 100193.	6.0	73
6	A general strategy to ultrasensitive Ga ₂ O ₃ based self-powered solar-blind photodetectors. Materials Today Physics, 2022, 23, 100643.	6.0	73
7	High sensitive and stable self-powered solar-blind photodetector based on solution-processed all inorganic CuMO ₂ /Ga ₂ O ₃ pn heterojunction. Materials Today Physics, 2021, 17, 100335.	6.0	67
8	Cations substitution tuning phase stability in hybrid perovskite single crystals by strain relaxation. RSC Advances, 2018, 8, 2900-2905.	3.6	52
9	Solution-processed Y-doped SnSrO ₃ electron transport layer for Ga ₂ O ₃ based heterojunction solar-blind photodetector with high sensitivity. Vacuum, 2022, 201, 111064.	3.5	26
10	Ga_2O_3 nanorod arrays with high light-to-electron conversion for solar-blind deep ultraviolet photodetection. RSC Advances, 2019, 9, 6064-6069.	3.6	23
11	A study on the effects of mixed organic cations on the structure and properties in lead halide perovskites. Physical Chemistry Chemical Physics, 2020, 22, 3105-3111.	2.8	19
12	Flexible, transparent and self-powered deep ultraviolet photodetector based on Ag NWs/amorphous gallium oxide Schottky junction for wearable devices. Sensors and Actuators A: Physical, 2021, 330, 112870.	4.1	15
13	Epitaxial Growth and Solar-Blind Photoelectric Characteristic of Ga ₂ O ₃ Film on Various Oriented Sapphire Substrates by Plasma-Enhanced Chemical Vapor Deposition. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100076.	1.8	6