

Gengzhao Xu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,144
citations

516710

16
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2652
citing authors

#	ARTICLE	IF	CITATIONS
19	Surface acoustic waves in semi-insulating Fe-doped GaN films grown by hydride vapor phase epitaxy. Applied Physics Letters, 2014, 105, .	3.3	9
20	Cl-Assisted Perovskite Crystallization Pathway in the Confined Space of Mesoporous Metal Oxides Unveiled by In Situ Grazing Incidence Wide-Angle X-ray Scattering. Chemistry of Materials, 2022, 34, 2231-2237.	6.7	9
21	Self-Absorption Effect in the Spatial Resolved Spectra of CdS Nano-Ribbon Optical Waveguide Observed by Near-Field Spectroscopy. Optical Review, 2006, 13, 235-238.	2.0	7
22	Polar-Induced Selective Epitaxial Growth of Multijunction Nanoribbons for High-Performance Optoelectronics. ACS Applied Materials & Interfaces, 2019, 11, 15813-15820.	8.0	7
23	Surface morphology of polar, semipolar and nonpolar freestanding GaN after chemical etching. Applied Surface Science, 2020, 511, 145524.	6.1	6
24	Nanoscale active hybrid plasmonic laser with a metal-clad metal-insulator-semiconductor square resonator. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1422.	2.1	5
25	Numerical analysis of vibration modes of a qPlus sensor with a long tip. Beilstein Journal of Nanotechnology, 2021, 12, 82-92.	2.8	3
26	Ultraviolet photoresponse of surface acoustic wave device based on Fe-doped high-resistivity GaN. Japanese Journal of Applied Physics, 2017, 56, 050307.	1.5	2
27	Measuring the local mobility of graphene on semiconductors. Physical Review Materials, 2018, 2, .	2.4	2
28	Chemical etching of freestanding N-polar GaN in control of the surface morphology. Applied Surface Science, 2022, 580, 152125.	6.1	2
29	Direct measurement for nanoscale vertical carrier diffusion on semiconductor surface—An approach toward scanning diffusion microscopy. Journal of Applied Physics, 2022, 131, .	2.5	2
30	The spectroscopic ellipsometry measurement of non-polar freestanding GaN: comparison between isotropic and anisotropic models. Journal Physics D: Applied Physics, 2022, 55, 235104.	2.8	0