

Jianbin Kang

List of Publications by Year in descending order

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14
papers

172
citations

1307594

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1281871

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docs citations

14
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Unclonable fluorescence behaviors of perovskite quantum dots/chaotic metasurfaces hybrid nanostructures for versatile security primitive. <i>Chemical Engineering Journal</i> , 2021, 411, 128350.	12.7	38
2	Physical Unclonable Anticounterfeiting Electrodes Enabled by Spontaneously Formed Plasmonic Core-Shell Nanoparticles for Traceable Electronics. <i>Advanced Functional Materials</i> , 2021, 31, 2010537.	14.9	34
3	Deep-Ultraviolet Micro-LEDs Exhibiting High Output Power and High Modulation Bandwidth Simultaneously. <i>Advanced Materials</i> , 2022, 34, e2109765.	21.0	33
4	Bionic optical physical unclonable functions for authentication and encryption. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13200-13208.	5.5	23
5	The Influence of Structure Parameter on GaN/AlN Periodically Stacked Structure Avalanche Photodiode. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 2187-2190.	2.5	11
6	Intrinsic Random Optical Features of the Electronic Packages as Physical Unclonable Functions for Internet of Things Security. <i>Advanced Photonics Research</i> , 2022, 3, .	3.6	10
7	Bright room temperature near-infrared single-photon emission from single point defects in the AlGaIn film. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	7
8	A flexible and stretchable bionic true random number generator. <i>Nano Research</i> , 2022, 15, 4448-4456.	10.4	7
9	Fast neutron irradiation effects on AlGaIn deep ultraviolet light emitting diodes. <i>Results in Physics</i> , 2021, 27, 104532.	4.1	4
10	Disk-Shaped GaN Quantum Dots Embedded in AlN Nanowires for Room-Temperature Single-Photon Emitters Applicable to Quantum Information Technology. <i>ACS Applied Nano Materials</i> , 2022, 5, 4000-4008.	5.0	4
11	The Effect of Inductively Coupled Plasma Etching on the I-V Curves of the Avalanche Photodiode with GaN/AlN Periodically Stacked Structure. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900655.	1.8	1
12	Structure design of Nitride double-step intersubband photodetectors for efficient carrier extraction. , 2018, , .		0
13	Strain effect on intersubband transition in a GaN/AlGaIn single quantum well on arbitrary crystal planes. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	0
14	Room temperature near-infrared quantum emitter in AlGaIn micropyramids. , 2021, , .		0