

Hangyang Chen

List of Publications by Year in descending order

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11
papers

129
citations

1684188

5
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	High density GaN/AlN quantum dots for deep UV LED with high quantum efficiency and temperature stability. Scientific Reports, 2014, 4, 5166.	3.3	38
2	Improved Characteristics of AlGaIn-Based Deep Ultraviolet Light-Emitting Diodes with Superlattice p-Type Doping. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	21
3	Enhancement of p-type conductivity by modifying the internal electric field in Mg- and Si- δ -codoped Al _x Ga _{1-x} N/Al _y Ga _{1-y} N superlattices. Applied Physics Letters, 2009, 95, .	3.3	19
4	Integral Monolayer-Scale Featured Digital-Alloyed AlN/GaN Superlattices Using Hierarchical Growth Units. Crystal Growth and Design, 2019, 19, 1720-1727.	3.0	19
5	Vacuum Rabi Splitting of Exciton-Polariton Emission in an AlN Film. Scientific Reports, 2013, 3, 3551.	3.3	10
6	Symmetrically abrupt GaN/AlGaIn superlattices by alternative interface-interruption scheme. Journal of Materials Research, 2013, 28, 716-722.	2.6	6
7	Control of two-dimensional growth of AlN and high Al-content AlGaIn-based MQWs for deep-UV LEDs. AIP Advances, 2013, 3, 052103.	1.3	5
8	Origins and suppressions of parasitic emissions in ultraviolet light-emitting diode structures. Journal of Materials Research, 2010, 25, 1037-1040.	2.6	4
9	Structural properties of InN films grown in different conditions by metalorganic vapor phase epitaxy. Journal of Materials Research, 2011, 26, 775-780.	2.6	4
10	Modification of strain and optical polarization property in AlGaIn multiple quantum wells by introducing ultrathin AlN layer. AIP Advances, 2019, 9, .	1.3	2
11	Regulating the Valence Level Arrangement of High-Al-content AlGaIn Quantum Wells Using Additional Potentials with Mg Doping. Physical Chemistry Chemical Physics, 2022, , .	2.8	1