

Guo-Dong Hao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

163
citations

1306789

7
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced wall-plug efficiency in AlGaIn-based deep-ultraviolet light-emitting diodes with uniform current spreading <i>i>p</i>-electrode structures. Journal Physics D: Applied Physics, 2016, 49, 235101.</i>	1.3	38
2	Current crowding and self-heating effects in AlGaIn-based flip-chip deep-ultraviolet light-emitting diodes. Journal Physics D: Applied Physics, 2018, 51, 035103.	1.3	33
3	Electrical determination of current injection and internal quantum efficiencies in AlGaIn-based deep-ultraviolet light-emitting diodes. Optics Express, 2017, 25, A639.	1.7	31
4	Small valence band offset of h-BN/Al _{0.7} Ga _{0.3} N heterojunction measured by X-ray photoelectron spectroscopy. Applied Physics Letters, 2019, 114, .	1.5	15
5	Enhancement of current injection efficiency of AlGaIn-based deep-ultraviolet light-emitting diodes by controlling strain relaxation. Journal Physics D: Applied Physics, 2020, 53, 505107.	1.3	8
6	Enhancement of light-extraction efficiency in AlGaInP light-emitting diodes using evanescent wave coupling effect. Applied Physics Letters, 2013, 103, .	1.5	7
7	Enhanced light extraction in GaN-based light-emitting diodes by evanescent wave coupling effect. Applied Physics Express, 2014, 7, 102101.	1.1	7
8	Enhancement of light extraction efficiency by evanescent wave coupling effect in ridge-shaped AlGaInP/GaInP quantum wells. Applied Physics Letters, 2012, 100, .	1.5	5
9	Controlling the directionality of spontaneous emission by evanescent wave coupling. Applied Physics Letters, 2015, 107, 131112.	1.5	5
10	High Efficiency, High Power AlGaInP Thin Film LEDs with Micron Sized Truncated Cones as Light Extraction Structures. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700562.	0.8	5
11	Highly Deep Ultraviolet Transparent h-BN Film Deposited on an Al _{0.7} Ga _{0.3} N Template by Low-Temperature Radio-Frequency Sputtering. Materials, 2019, 12, 4046.	1.3	4
12	Enhancement of the evanescent wave coupling effect in a sub-wavelength-sized GaAs/AlGaAs ridge structure by low-refractive-index surface layers. Optics Express, 2014, 22, A1559.	1.7	3
13	Sixfold symmetry of excitonic transition energies in c-plane for wurtzite GaN. Applied Physics Letters, 2008, 93, 151111.	1.5	1
14	Fabrication of ridge-shaped AlGaInP/GaInP quantum well structure for observation of evanescent wave coupling effect. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 306-309.	0.8	1