

Guo-Dong Hao

List of Publications by Year in descending order

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