

Mostafa Abdelhamid

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and characterization of In _{0.15} Ga _{0.85} N (0 ≤ x ≤ 0.16) templates for controlled emissions from MQW. Journal of Crystal Growth, 2019, 520, 18-26.	0.7	14
2	Observing relaxation in device quality InGaN templates by TEM techniques. Applied Physics Letters, 2020, 116, .	1.5	13
3	Device quality templates of In _x Ga _{1-x} N (x ≤ 0.1) with defect densities comparable to GaN. Applied Physics Letters, 2020, 117, .	1.5	7
4	Improved LED output power and external quantum efficiency using InGaN templates. Applied Physics Letters, 2022, 120, .	1.5	7
5	The dependence of the emission from MQWs on the indium content in the underlying InGaN templates: experimental and modeling results. Semiconductor Science and Technology, 2021, 36, 035018.	1.0	6
6	P-type In _x Ga _{1-x} N semibulk templates (0.02 ≤ x ≤ 0.16) with room temperature hole concentration of mid-10 ¹⁹ cm ⁻³ and device quality surface morphology. Applied Physics Letters, 2021, 119, .	1.5	4
7	Shifting LED emission from blue to the green gap spectral range using In _{0.12} Ga _{0.88} N relaxed templates. Superlattices and Microstructures, 2021, 160, 107065.	1.4	3
8	Expanding the Dimensions of a High Dynamic Range Detector with a Limited Number of Pixels via Scripting. Microscopy and Microanalysis, 2019, 25, 212-213.	0.2	0
9	Reduction of V-pit density and depth in InGaN semibulk templates and improved LED performance with insertion of high temperature semibulk layers. Semiconductor Science and Technology, 2022, 37, 075003.	1.0	0