

# Mostafa Abdelhamid

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3635631/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Improved LED output power and external quantum efficiency using InGaN templates. Applied Physics Letters, 2022, 120, .	1.5	7
2	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
3	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
4	P-type In <sub>x</sub> Ga <sub>1-x</sub> N semibulk templates (0.02 <math>x</math> <math>0.16</math>) with room temperature hole concentration of mid-10 <sup>19</sup> cm <sup>-3</sup> and device quality surface morphology. Applied Physics Letters, 2021, 119, .	1.5	4
5	Shifting LED emission from blue to the green gap spectral range using In <sub>0.12</sub> Ga <sub>0.88</sub> N relaxed templates. Superlattices and Microstructures, 2021, 160, 107065.	1.4	3
6	Device quality templates of In <sub>x</sub> Ga <sub>1-x</sub> N ( $x < 0.1$ ) with defect densities comparable to GaN. Applied Physics Letters, 2020, 117, .	1.5	7
7	Observing relaxation in device quality InGaN templates by TEM techniques. Applied Physics Letters, 2020, 116, .	1.5	13
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	Growth and characterization of In <sub>x</sub> Ga <sub>1-x</sub> N (0 <math>x</math> <math>0.16</math>) templates for controlled emissions from MQW. Journal of Crystal Growth, 2019, 520, 18-26.	0.7	14