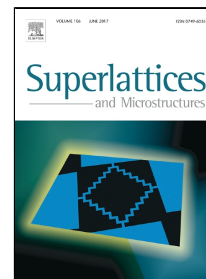


Accepted Manuscript

Optimization of growth and fabrication techniques to enhance the InGaN/GaN multiple quantum well solar cells performance

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PII: S0749-6036(17)30502-5
DOI: 10.1016/j.spmi.2017.05.014
Reference: YSPMI 4992
To appear in: *Superlattices and Microstructures*
Received Date: 28 February 2017
Revised Date: 03 May 2017
Accepted Date: 03 May 2017

Please cite this article as: Shiming Liu, Quan Wang, Hongling Xiao, Kun Wang, Cuimei Wang, Xiaoliang Wang, Weikun Ge, Zhanguo Wang, Optimization of growth and fabrication techniques to enhance the InGaN/GaN multiple quantum well solar cells performance, *Superlattices and Microstructures* (2017), doi: 10.1016/j.spmi.2017.05.014

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Highlights

- A new structure of InGaN/GaN MQW solar cell with thin quantum wells was grown.
- The carrier lifetime and peak EQE of the new sample are 7.8 ns and 61%, respectively.
- The conversion efficiency of 3.56% is among the best for InGaN/GaN solar cells.

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