

Publication List

Journal Publication

1. A. Sandupatla, S. Arulkumaran, G. I. Ng, K. Ranjan, M. Deki, S. Nitta, Y. Honda and a. H. Amano, "GaN drift-layer thickness effects in vertical Schottky barrier diodes on free-standing HVPE GaN substrates," *AIP Advances*, vol. 9, p. 045007, 2019.

Conference Publications

1. A. Sandupatla, S. Arulkumaran, G. I. Ng, K. Ranjan, M. Deki, S. Nitta, H. Amano, "Effect of GaN Drift Layer Thicknesses in vertical Schottky Barrier Diodes on Free-standing GaN substrate," Solid State Devices and Materials (SSDM), Tokyo, Japan 239 (2018).
2. S. Abhinay ; S. Arulkumaran ; G.I. Ng ; K. Ranjan ; M. Deki ; S. Nitta ; Y. Honda ; H. Amano, "Effects of Drift Layer Thicknesses in Reverse Conduction Mechanism on Vertical GaN-on-GaN SBDs grown by MOCVD," Electron Devices Technology and Manufacturing Conference (EDTM), Singapore (2019). DOI: 10.1109/EDTM.2019.8731215
3. S. Abhinay ; S. Arulkumaran ; G.I. Ng ; K. Ranjan ; M. Deki ; S. Nitta ; Y. Honda ; H. Amano, "Enhanced breakdown voltage in vertical Schottky diodes on compensated GaN drift layer grown on free-standing GaN," International Conference on Nitride Semiconductors (ICNS-13), Bellevue, USA (2019)