

Supporting Information

A Simple Synthesis of Ga₂O₃ and GaN Nanocrystals

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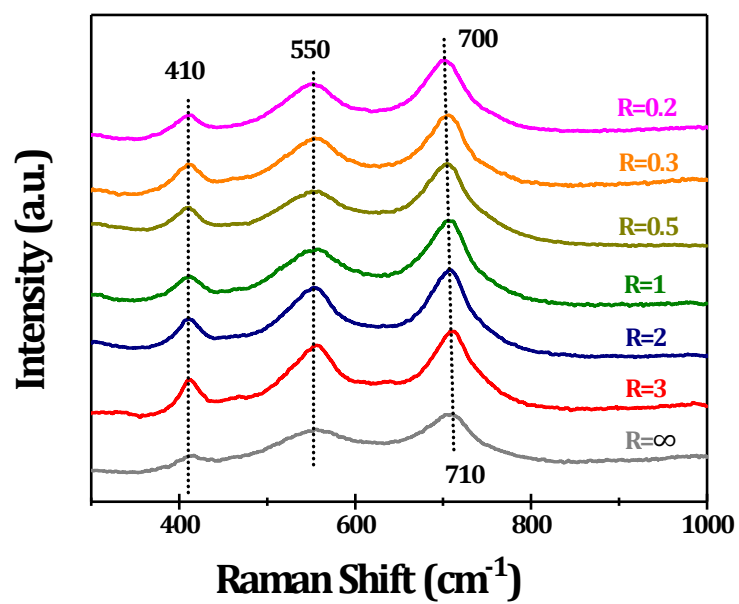


Figure S1 Raman spectra of Ga₂O₃ synthesized at different R values

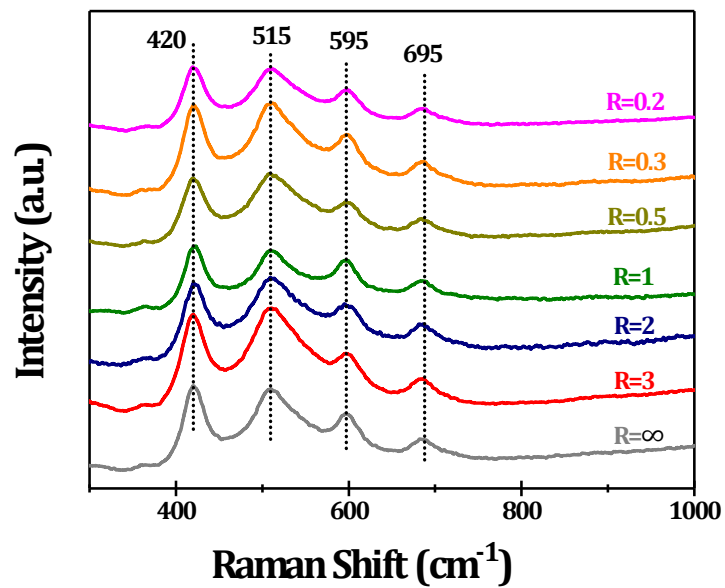


Figure S2 Raman spectra of GaN from nitridation of Ga₂O₃ synthesized at different R values

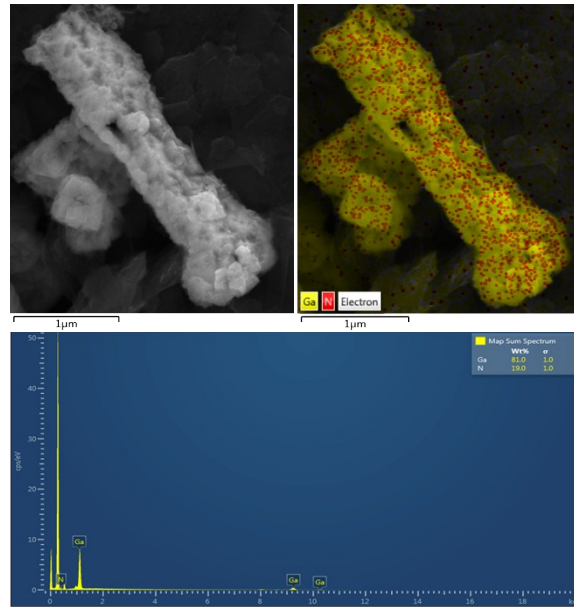


Figure S3 Energy-dispersive X-ray mapping analysis on representative GaN sample (R=1)

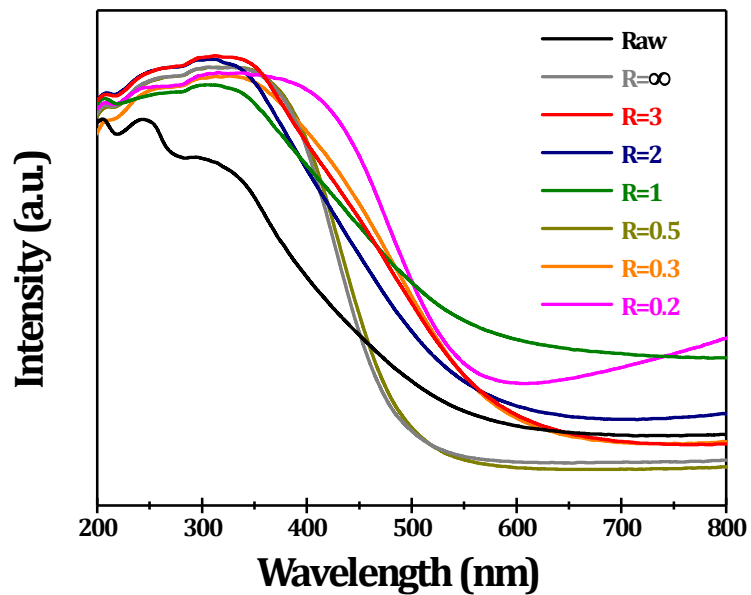


Figure S4 UV-vis spectra of GaN from nitridation of Ga_2O_3 synthesized at different R values

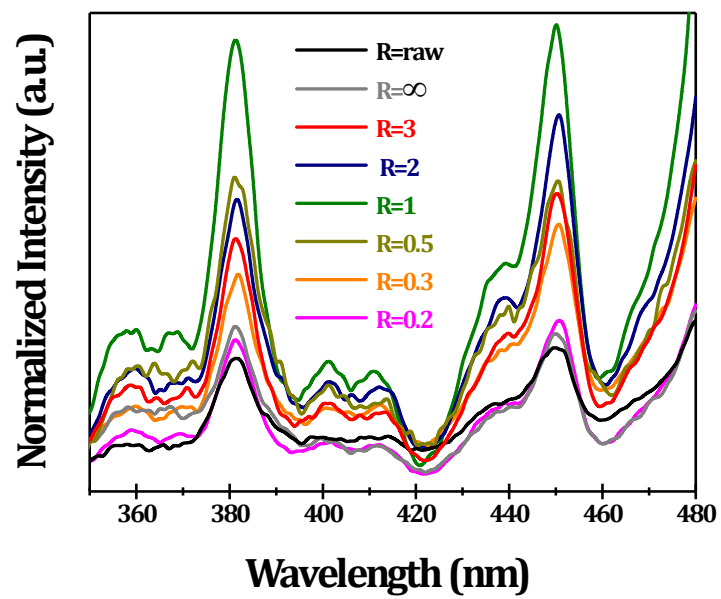


Figure S5 Photoluminescence spectra of GaN from nitridation of Ga_2O_3 synthesized at different R values