

FESEM images of Au catalyst particles and GaN nanowire with different oxygen impurities

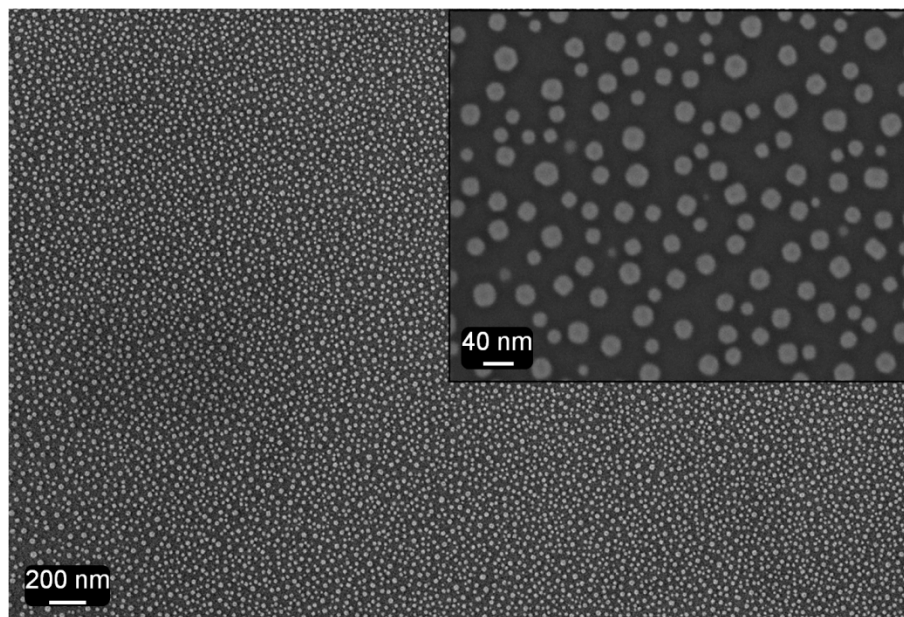


Fig. S1. Typical FESEM image of Au nanoparticles on Si (100). Uniform shape and well separated nanoparticles are having the size distribution of 25 – 35 nm. Inset shows magnified view of nanoparticles.

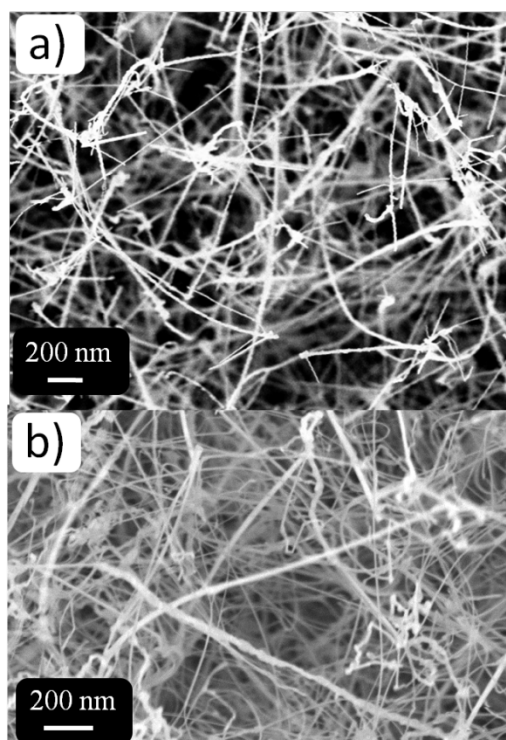


Fig. S2. Typical FESEM images of GaN nanowires with controlled O contamination of a) ~ 50 ppm and b) 10^4 ppm showing corrugated morphologies.

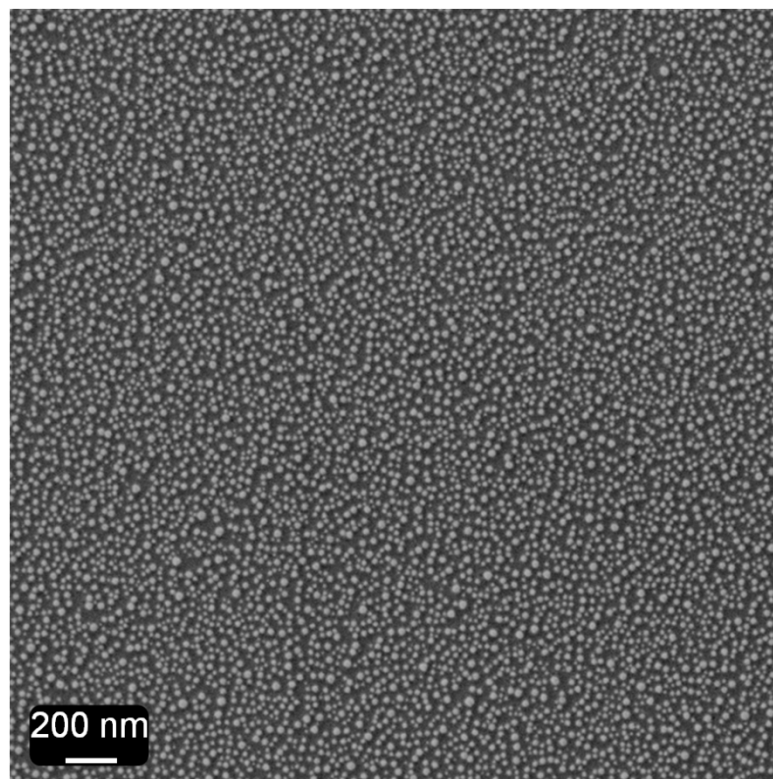


Fig. S3. Typical FESEM image of Au nanoparticles grown on Si (100). Nanoparticles are having the size distribution of 35 – 50 nm.