

Plasma-assisted ALD of Ru nanoparticles on electrospun polymeric nanofibers for catalysis

Kugalur Shanmugam Ranjith, Ali Haider, Necmi Biyikli, Tamer Uyar

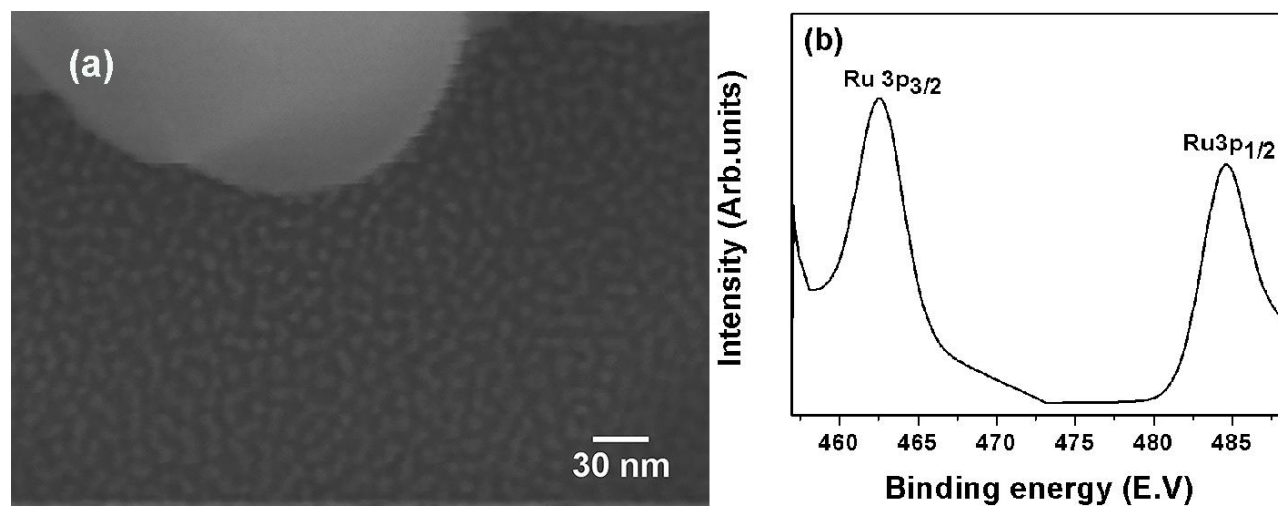


Figure 1. (a) SEM image of Ru nanoparticles grown on Si (100) after 200 cycles of PA-ALD growth at a substrate temperature of 230°C, (b) Ru 3p high resolution XPS spectra obtained from the same sample confirming the presence of Ru.