

Supplementary Materials

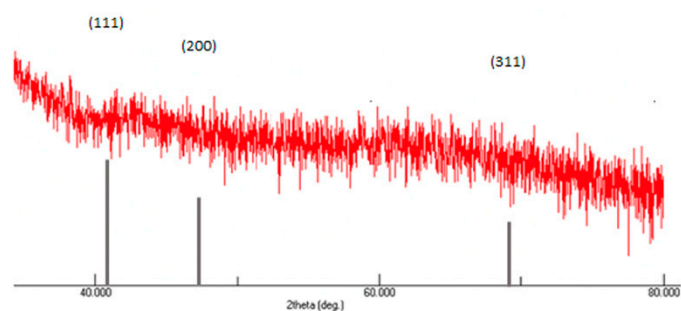


Figure S1. XRD spectrum of Ir-NP2.

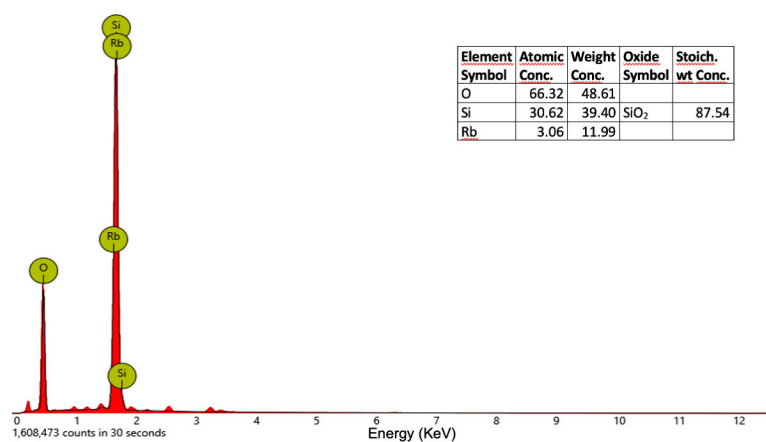


Figure S2. EDX spectrum and elements concentration of wafer substrate.

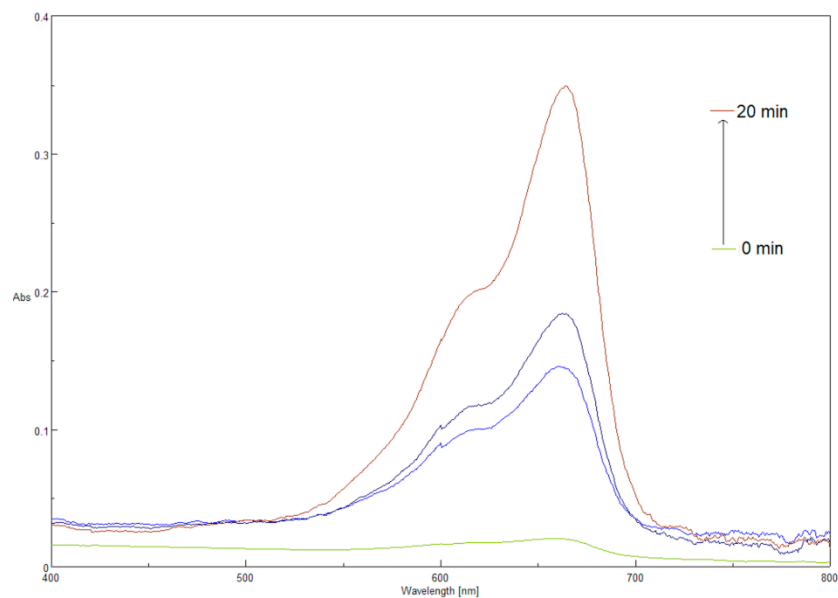


Figure S3. UV-visible spectra registered at different intervals of time of the reaction mixture after catalytic reduction of MB by NaBH₄ in the presence of Ir-NP₂ (0 min) and left at the air for 20 min.