

Supplementary Information

Improved Photoluminescence and Sensing Stability of Porous Silicon Nanowires by Surface Passivation

Lu Gan, Luwei Sun, Haping He*, Zhizhen Ye

State Key Laboratory of Silicon Materials, Department of Materials Science and Engineering,
Zhejiang University, Hangzhou 310027, People's Republic of China

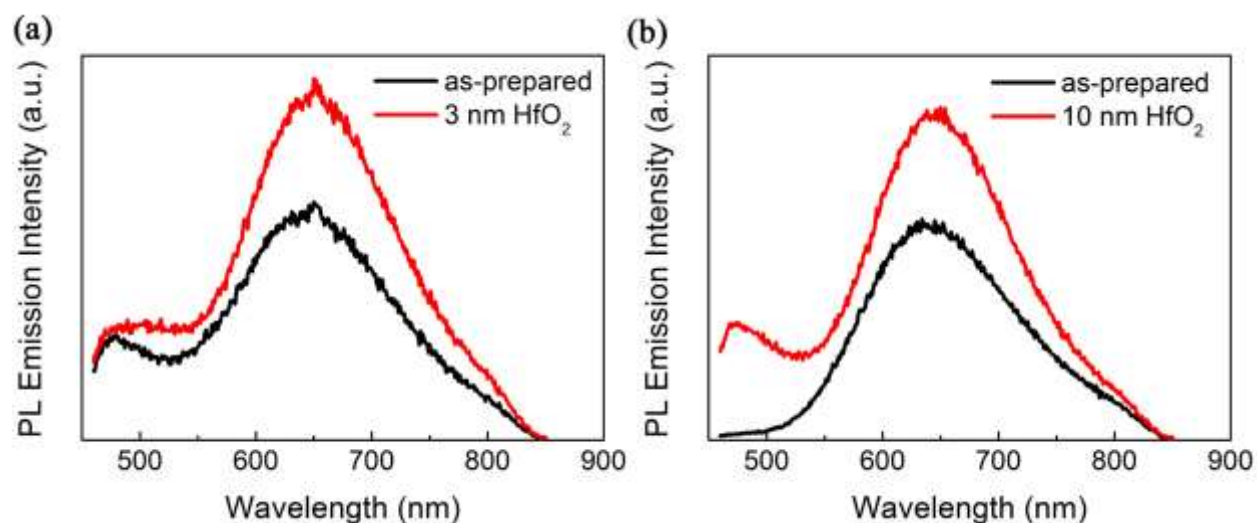


Figure S1. Room temperature PL spectra of the as-prepared and HfO₂-coated porous Si NWs with different coating thickness: (a) 3 nm, and (b) 10 nm.