

Controlled Catalytic Domain Formation by Mixed Iron Halide Compounds for Decrease the Waviness of Carbon Nanotube Arrays

Sook Young Moon *

Structures and Advanced Composite Research Unit, Japan Aerospace Exploration Agency (JAXA),
6-13-1, Osawa, Mitaka, Tokyo 181-0015, Japan

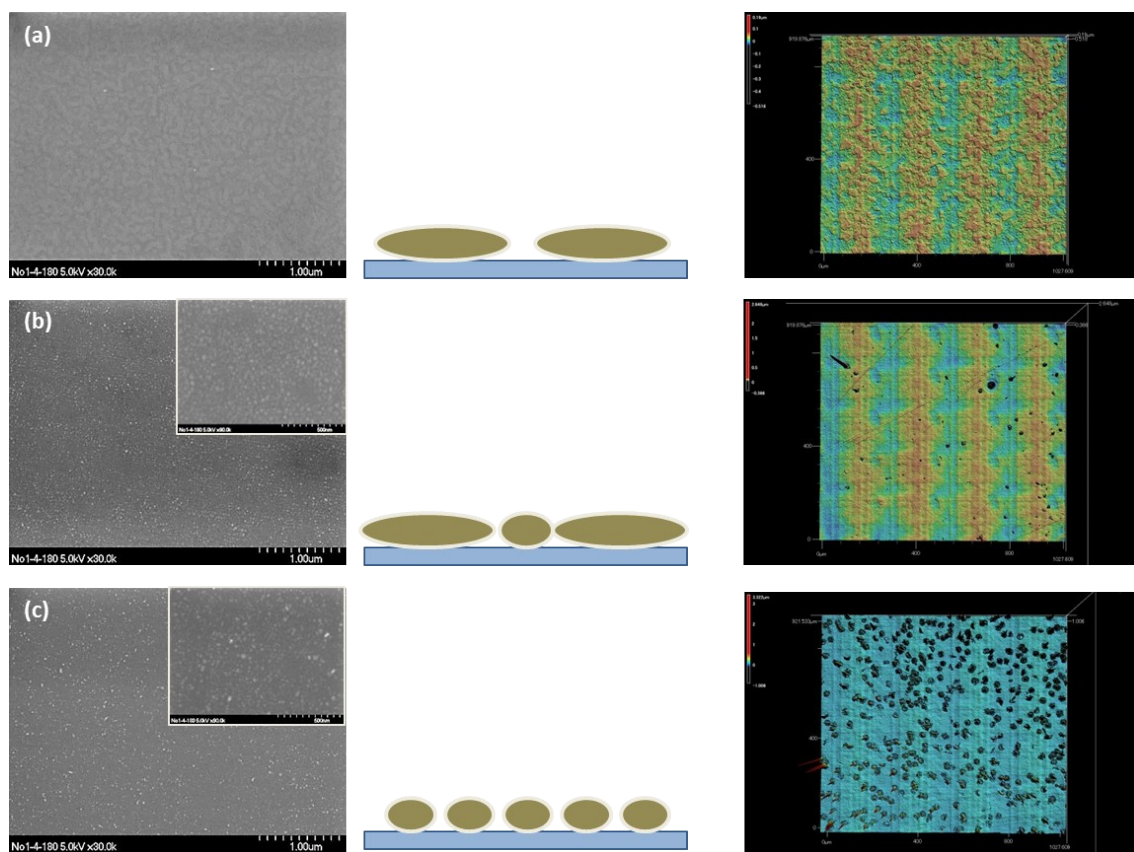


Figure S1. SEM images of substrate after annealing the CVD reaction temperature at 825 °C; (a) $x=0$,
(b) $x=0.5$, (c) $x=1$

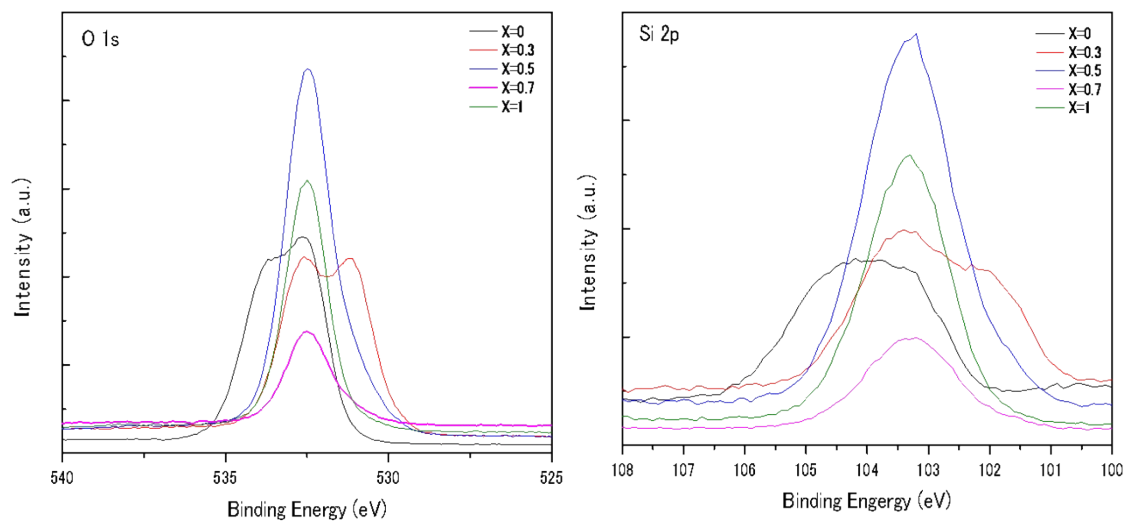


Figure S 2 . Si 2p and O1s XPS spectra of substrates after CNTs were grown using $[x\text{FeCl}_3:(1-x)\text{FeCl}_2]$ catalysts with various values of x