

Atmospheric Microplasma-Driven CVD for Highly Crystalline Carbon Nanotube Synthesis

Guohai Chen*, Takashi Tsuji, Shunsuke Sakurai, Don N. Futaba, and Kenji Hata

Nanocarbon Material Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba Central 5, 1-1-1 Higashi, Tsukuba, Ibaraki 305-8565, Japan

Corresponding author: guohai-chen@aist.go.jp, +81-50-3521-0109

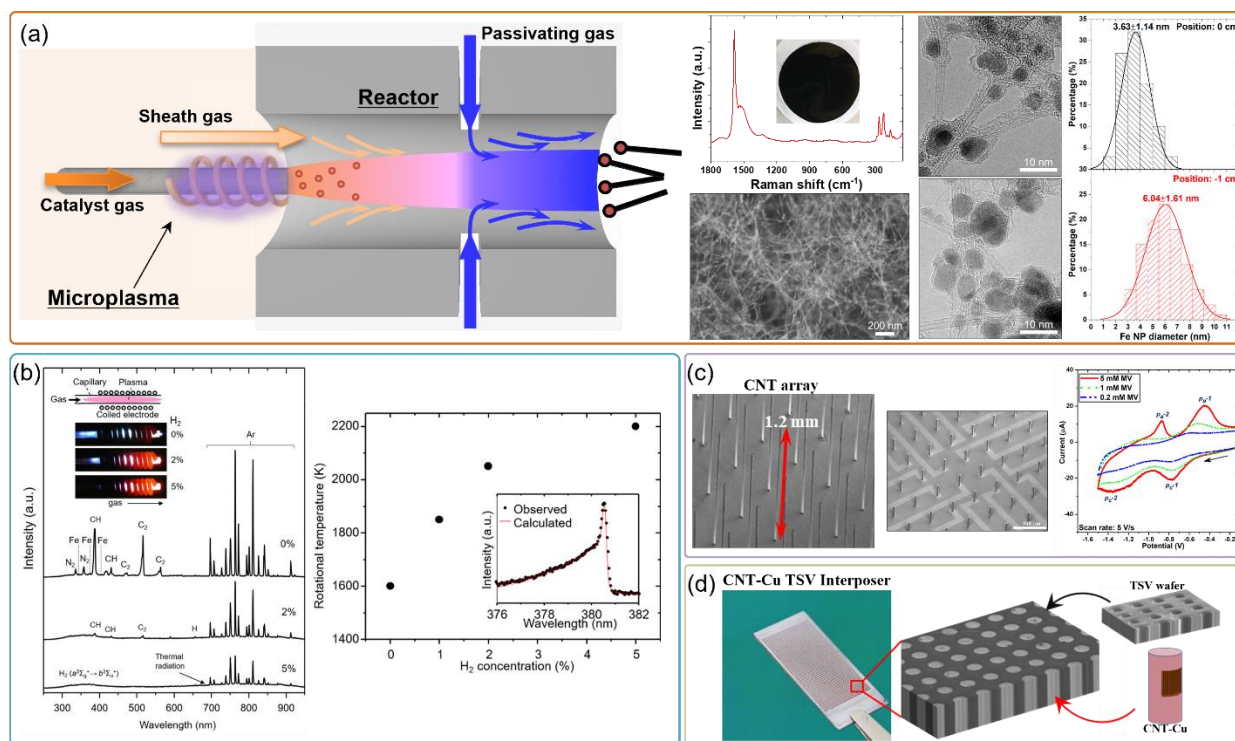


Figure. (a) Conceptual schematic of the multi-step atmospheric microplasma CVD system with the synthesized CNTs and catalyst NPs. (b) Optical emission spectra and gas temperatures of the microplasma highlighting the effect of hydrogen concentration. Demonstration of CNT applications: (c) CNT neural probe and (d) CNT-Cu TSV interposer.

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