

Growth of multiwall carbon nanocoils using Fe catalyst films prepared by ion sputtering – ERRATUM

Dawei Li, Lujun Pan, Kun Liu, Wei Peng, and Rashad Muhammad

doi: 10.1557/jmr.2013.107, Published by Cambridge University Press, 26 April 2013.

In Li et al.¹, Figs. 2-5 are incorrectly ordered and labeled.

The publisher regrets the mistake.

REFERENCE

1. D. Li, L. Pan, K. Liu, W. Peng, and R. Muhammad: Growth of multiwall carbon nanocoils using Fe catalyst films prepared by ion sputtering. *J. Mater. Res.* **28**(10), 1316–1325 (2013).

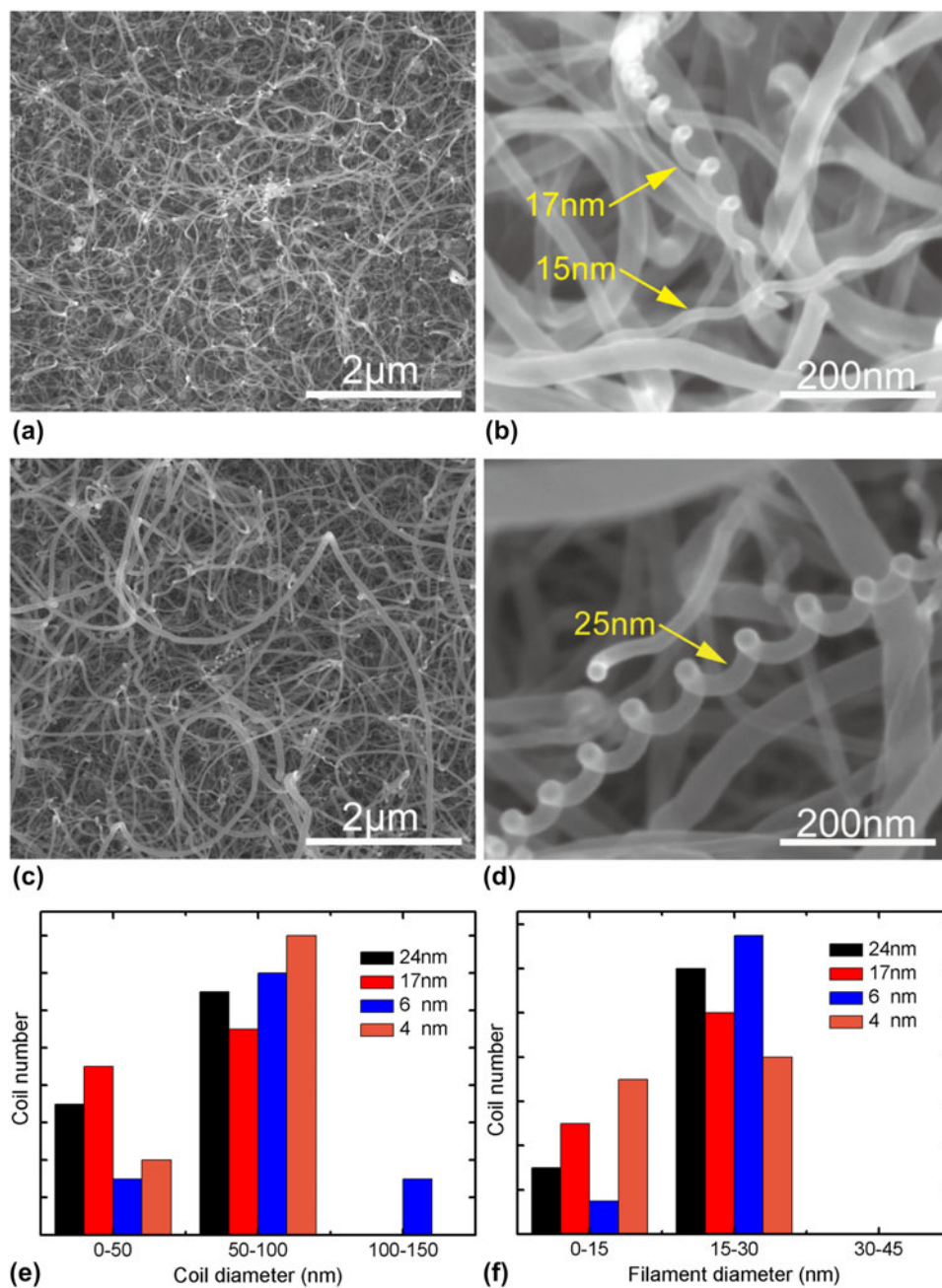


FIG. 2. Typical SEM images of the carbon deposits synthesized at 700 °C using Fe film catalysts deposited on SiO₂ substrates by ion sputtering. (a) 24 nm and (c) 6 nm. (b) and (d) are the corresponding enlarged images of MWCNCs in (a) and (c). (e) and (f) show distributions of coil diameters and filament diameters of MWCNCs prepared using Fe films deposited on SiO₂ substrates with different film thickness.

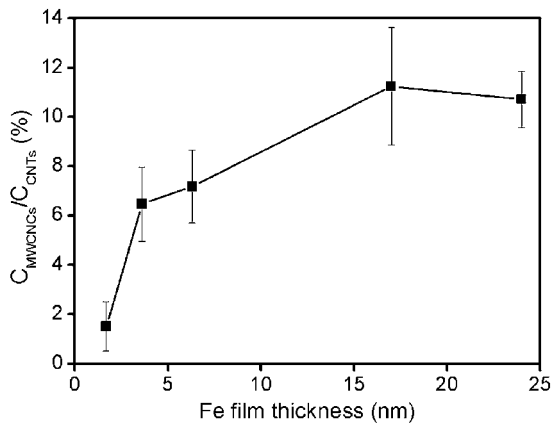


FIG. 3. Dependence of the MWCNCs and CNTs ratio with Fe film thickness.

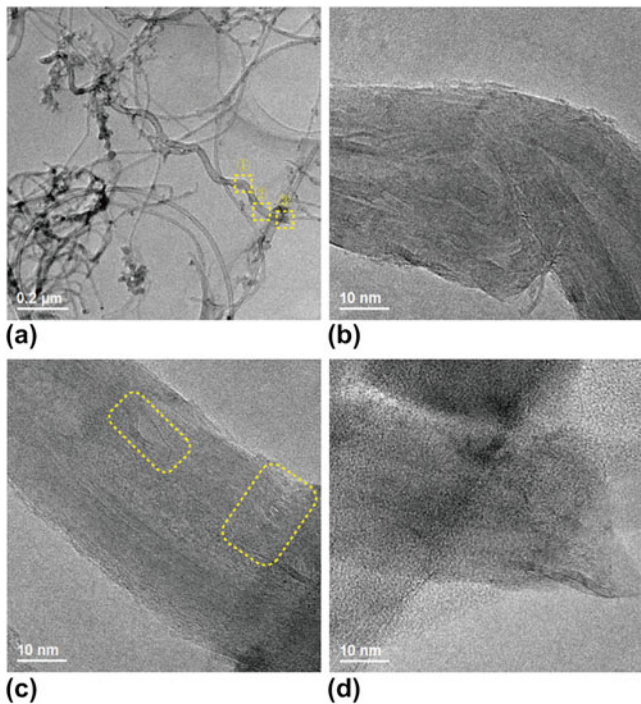


FIG. 4. (a) Typical TEM image of the MWCNC synthesized using 17-nm-thick Fe film catalyst deposited on SiO₂ substrate. (b-d) The corresponding HRTEM images of MWCNC of parts 1, 2 and 3 shown in (a).

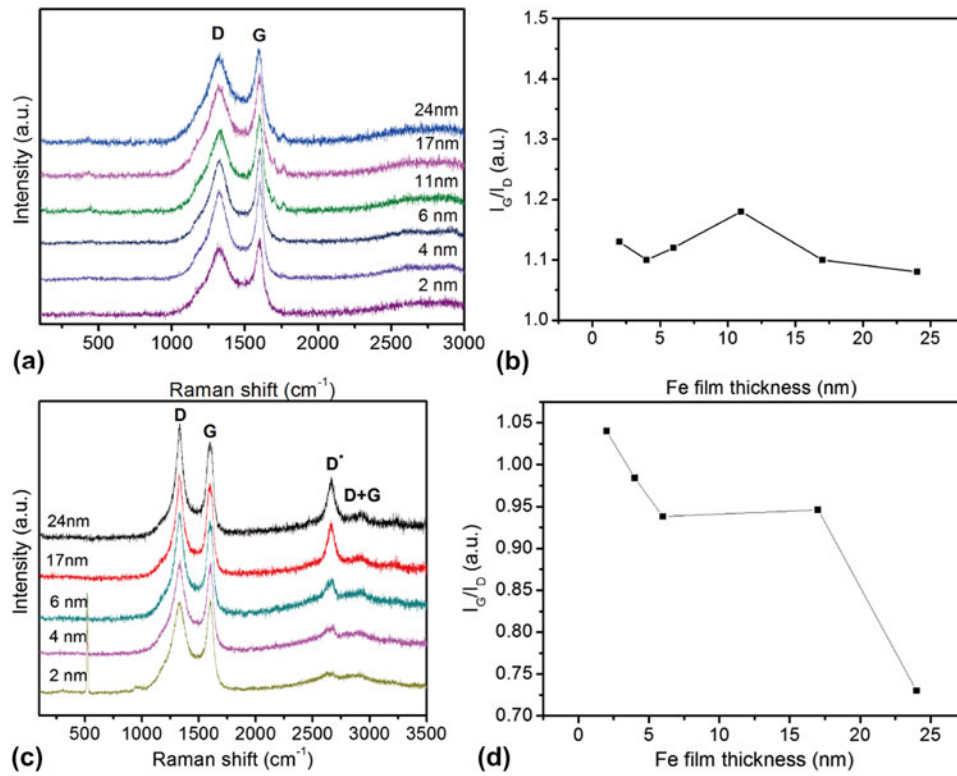


FIG. 5. Raman spectra of carbon deposits prepared using Fe films deposited on (a) ITO and (c) SiO_2 substrates with different film thickness. (b) and (d) show the corresponding variation of IG/ID ratio with Fe film thickness shown in (a) and (c).