

Electronic Supplementary Information

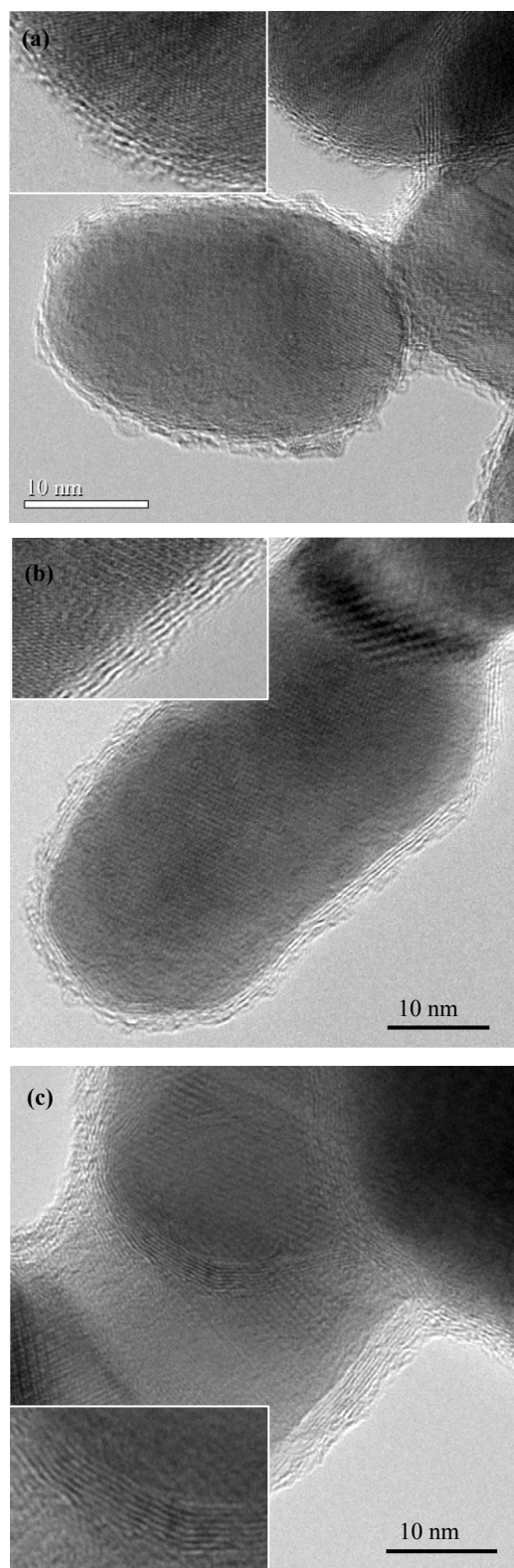


Figure S1. Enlarged versions of HRTEM images shown in Figure 2 for CNC A (a), CNC B (b) and CNC C (c) from the mixture of pyridine and iron pentacarbonyl with a volume ratio of 1:100, 1:10, and 1:1, respectively.

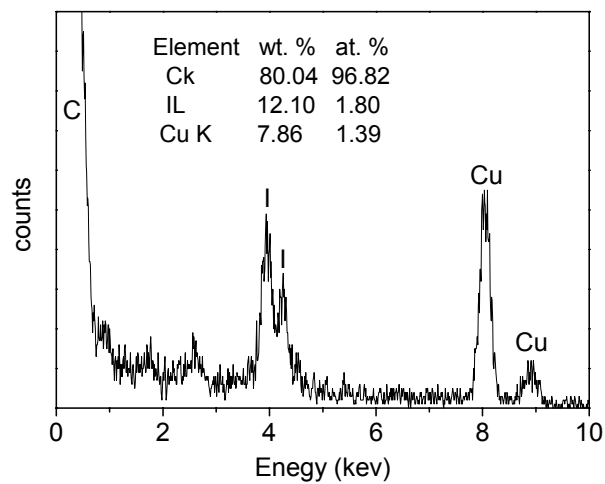


Figure S2 EDS micro-analysis of iodine-filled carbon nanocages indicates they are comprised primarily of carbon (C) and iodine (I), indicating iodine is encapsulated in carbon nanocages.