

Supporting Information

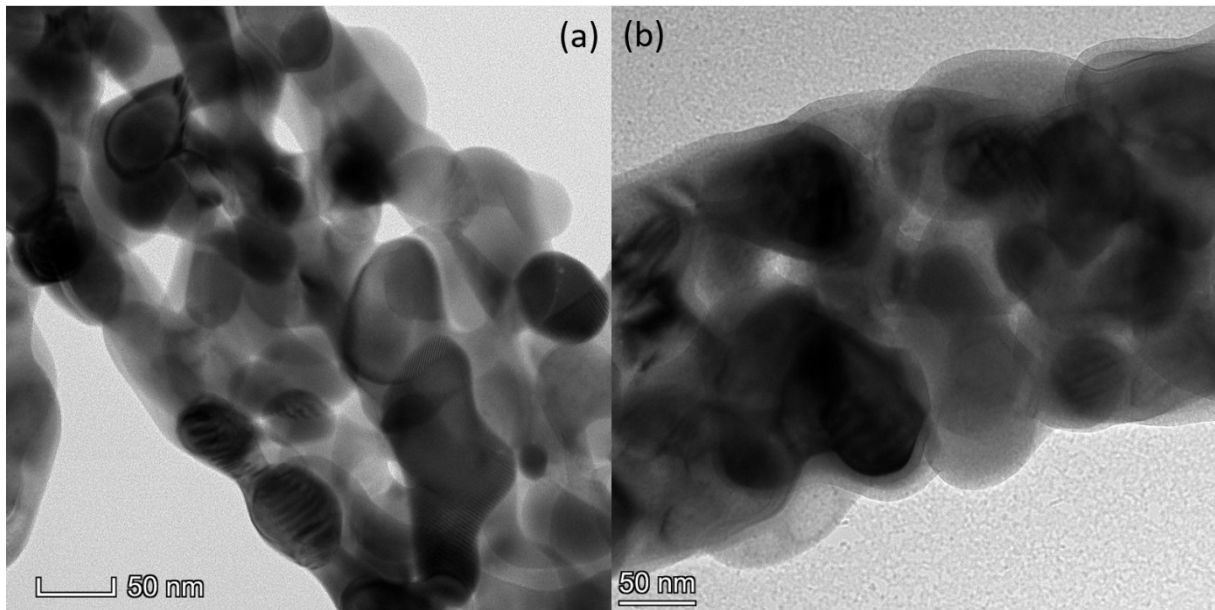


Figure 1. Bright-field transmission electron microscopy images for (a) pristine hematite nanofibers and (b) NiO (a *p*-type semiconducting metal oxide) coated hematite nanofibers (Fe₂O₃-NiO CSNFs) depicting a core-shell like heterostructure.