

Supporting Information

Visible-Light Induced Photocatalytic Degradation of Rhodamine B on One-Dimensional Iron Oxide Particles

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Figure Captions

Figure S1. High-resolution TEM image (a) and corresponding HAADF-STEM image (b) of α -Fe₂O₃ NRs. The variations of contrast in the images indicate the porous structure.

Figure S2. Micro-Raman spectra for 1D iron oxides before and after photocatalytic reaction. (a) α -FeOOH MRs. (b) α -Fe₂O₃ MRs. (c) α -FeOOH NRs. (d) α -Fe₂O₃ NRs.

Figure S3. Schematic diagram of a needle shaped goethite nanorod.

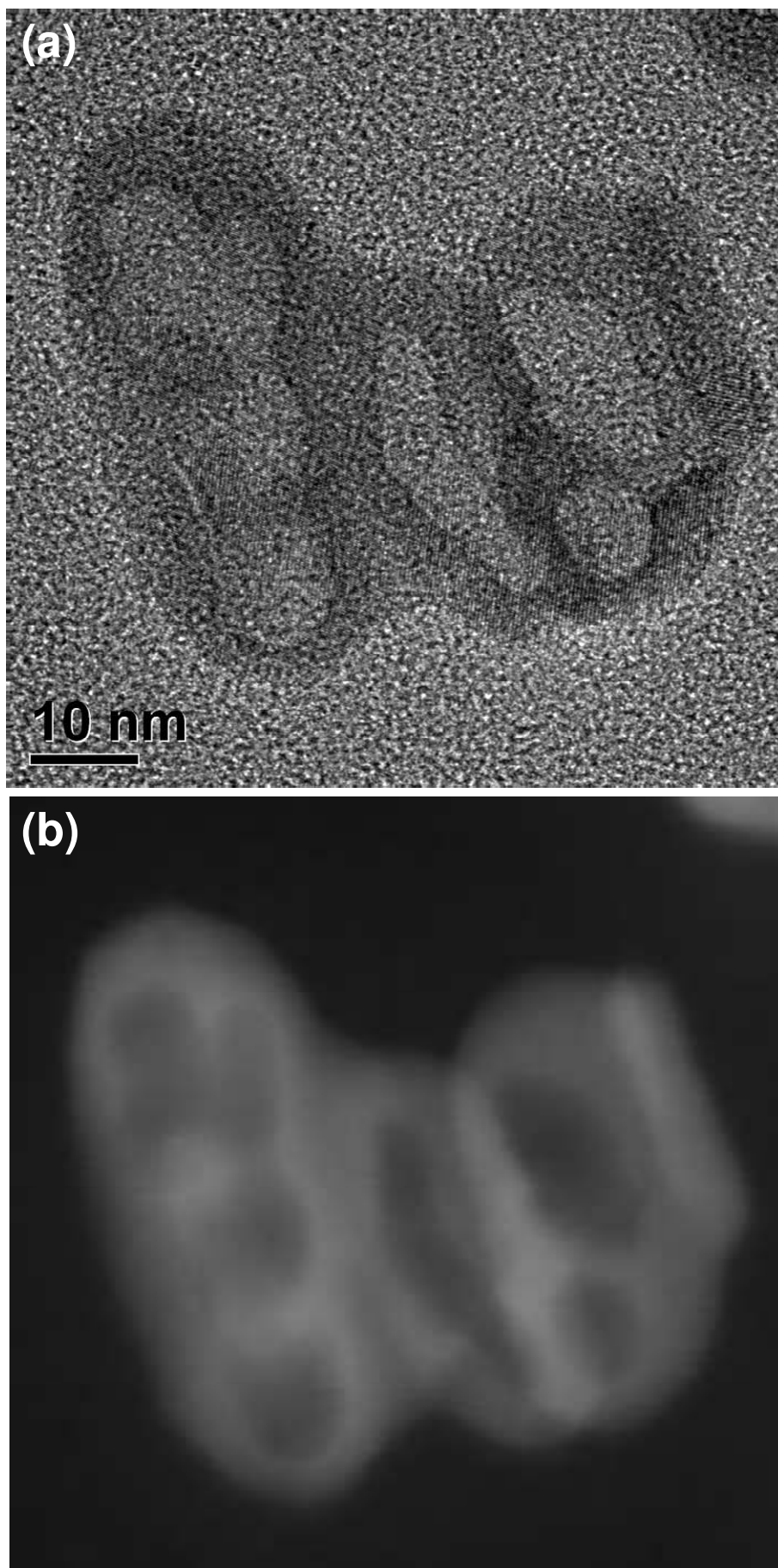


Figure S1

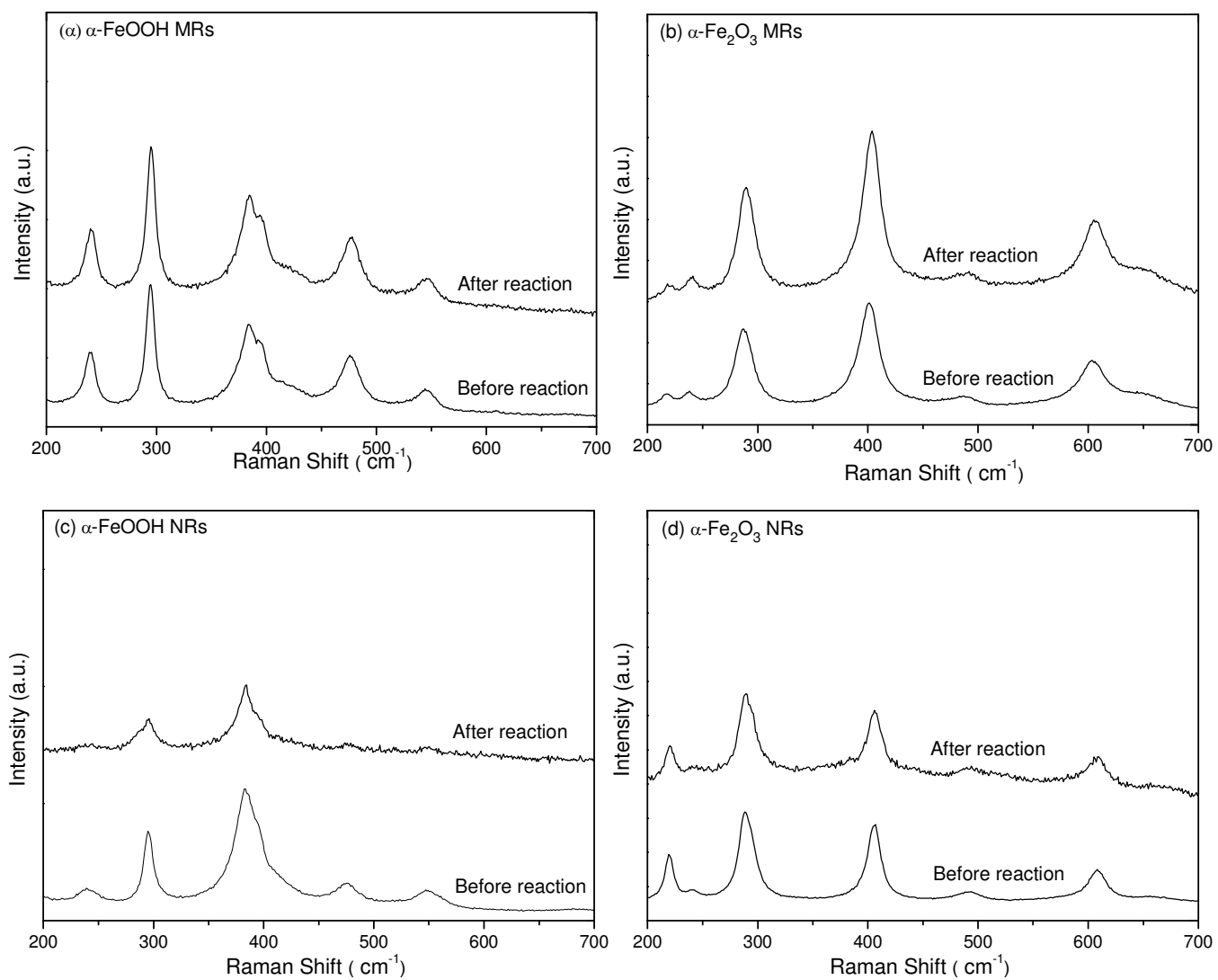


Figure S2

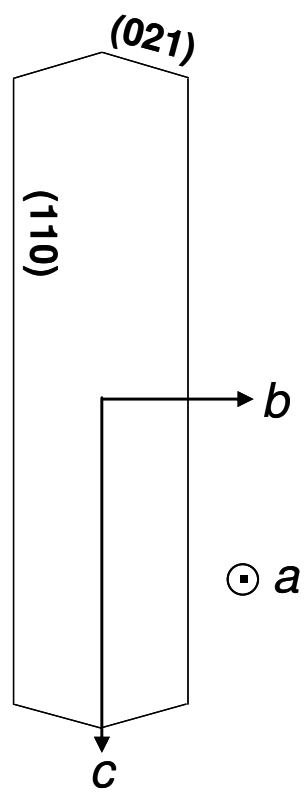


Figure S3