

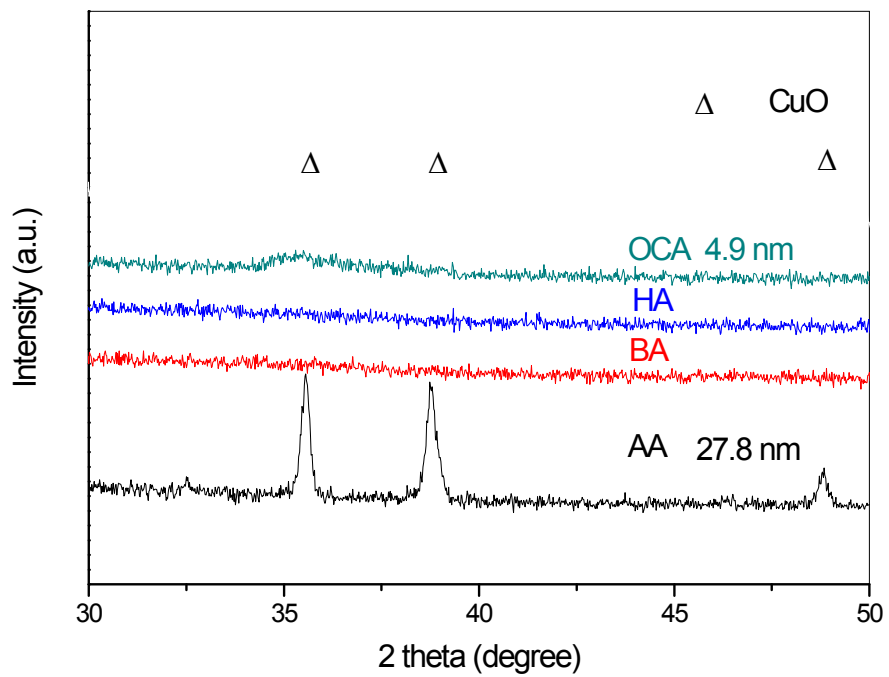
Electronic Supplementary Information (ESI)  
In-situ Self-Assembled Core-Shell Precursor  
Route to Prepare Ultrasmall Copper  
Nanoparticles on Silica Catalysts

*Liuye Mo and Sibudjing Kawi\**

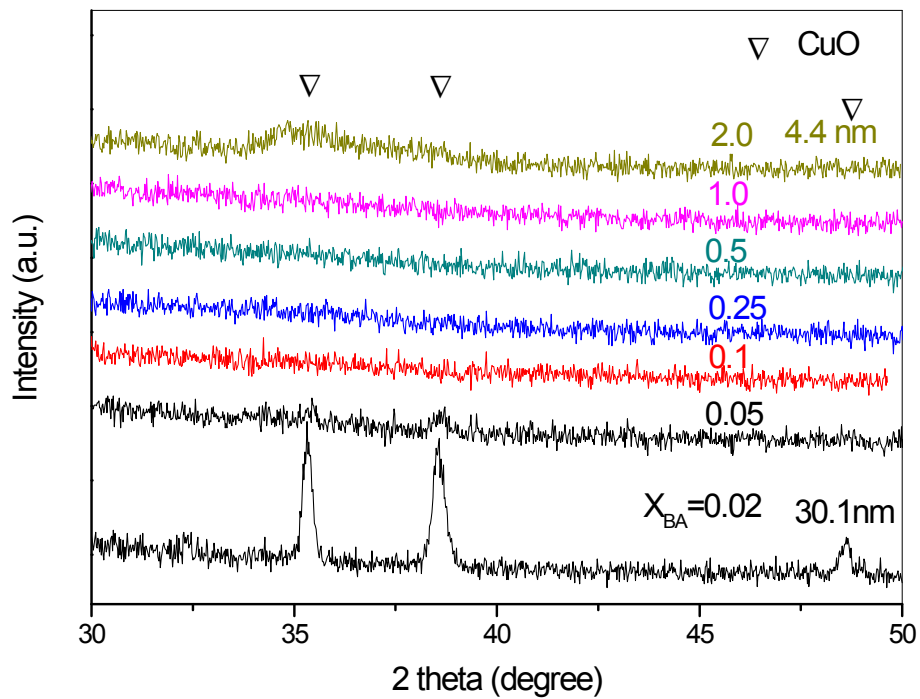
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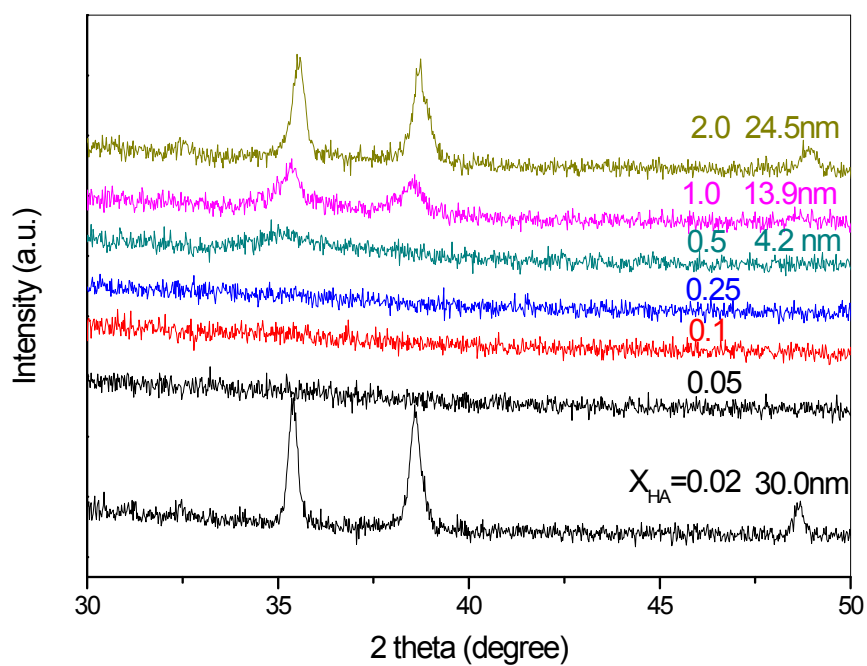
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**Figure S1.** XRD patterns of 10%Cu/SiO<sub>2</sub> catalysts prepared in presence of different FAs.



**Figure S2.** XRD patterns of 10%Cu/SiO<sub>2</sub> catalysts prepared with different  $X_{BA}$ .



**Figure S3.** XRD patterns of 10%Cu/SiO<sub>2</sub> catalysts prepared with different  $X_{HA}$ .