

Electronic Supplementary Information

for:

Controlled synthesis and properties of β -Fe₂O₃ nanosystems functionalized with Ag or Pt nanoparticles

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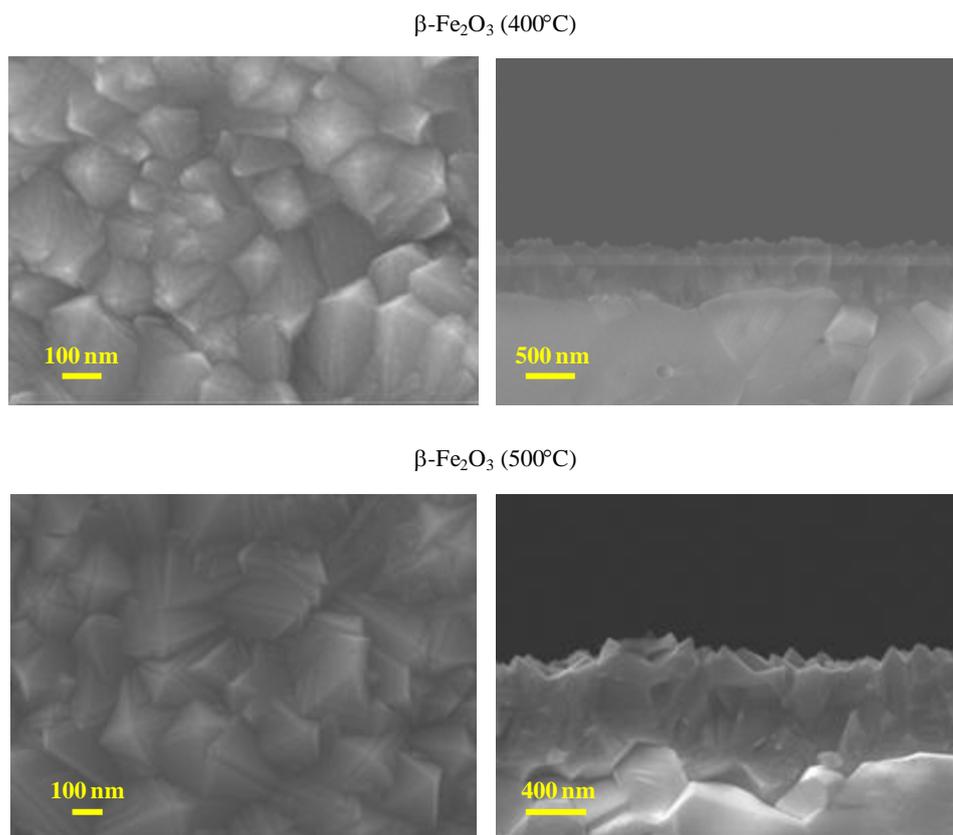


Figure S1. Representative plane-view (left) and cross-sectional (right) FE-SEM images for bare β -Fe₂O₃ nanosystems synthesized at 400°C and 500°C.

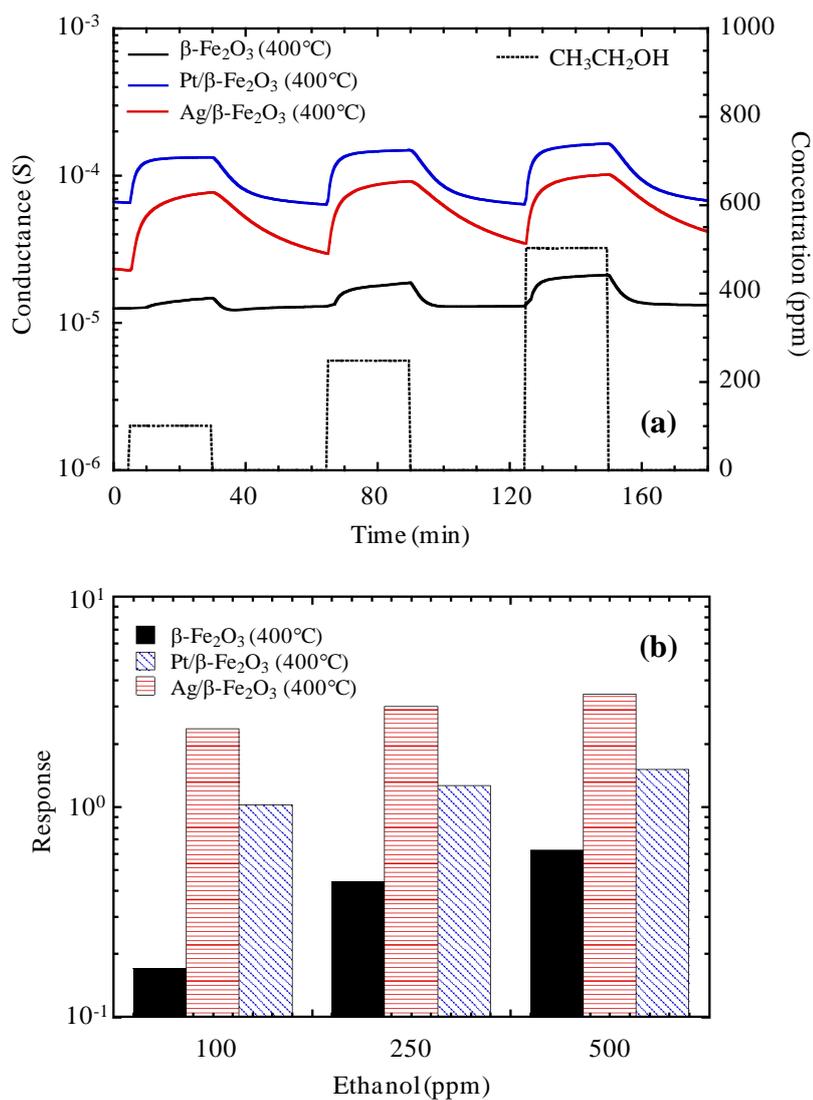


Figure S2. Dynamic response curves (a) and response values (b) obtained upon exposure to ethanol concentration pulses for $\beta\text{-Fe}_2\text{O}_3$, Ag/ $\beta\text{-Fe}_2\text{O}_3$ and Pt/ $\beta\text{-Fe}_2\text{O}_3$ specimens grown at 400°C. Working temperature = 300°C.