Porous Peony-like α-Fe₂O₃ Hierarchical

Micro/nanostructures: Synthesis, Characterization and its Lithium Storage Properties

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Supporting Information

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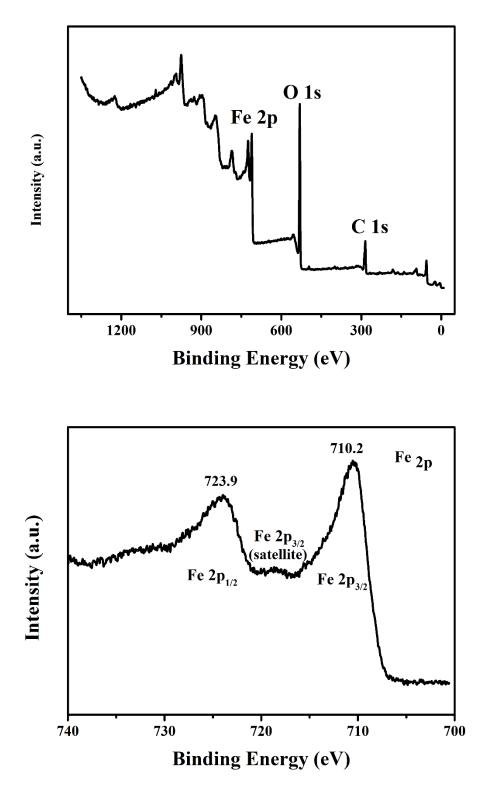


Figure S1 X-ray photoelectron spectroscopy of peony-like FeCO₃ microflowerss: a) the survey scan, and high resolution scans of the iron edges.

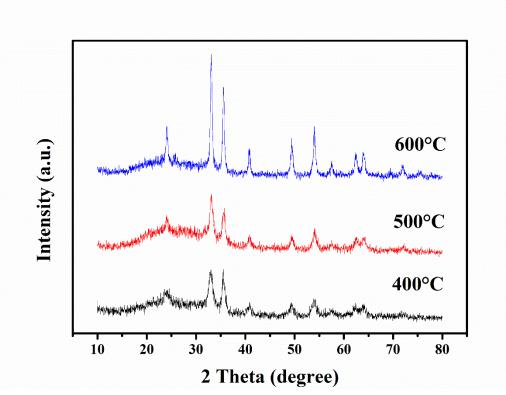


Figure S2 XRD patterns of the products heated at different temperature.

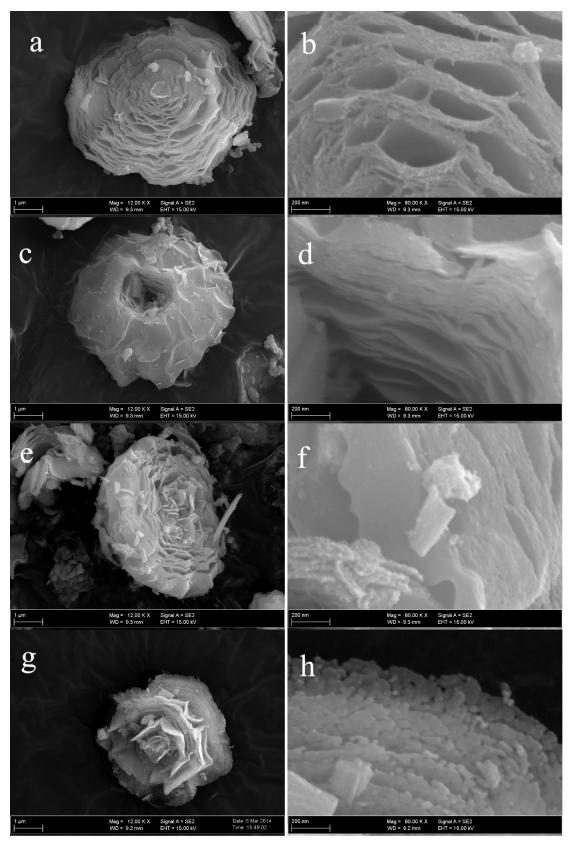


Figure S3 SEM images of the products heated at different temperature: (a-d) 400 °C; (e, f) 500 °C; (g, h) 600 °C.

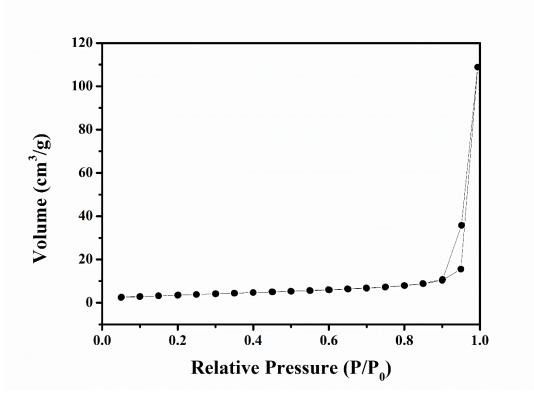


Figure S3 BET nitrogen adsorption–desorption isotherms for hierarchical α -Fe₂O₃ microflowers.