

# Supporting Information

## □ $\beta$ -FeOOH nanorods/carbon foam based hierarchically porous monolith for highly effective arsenic removal

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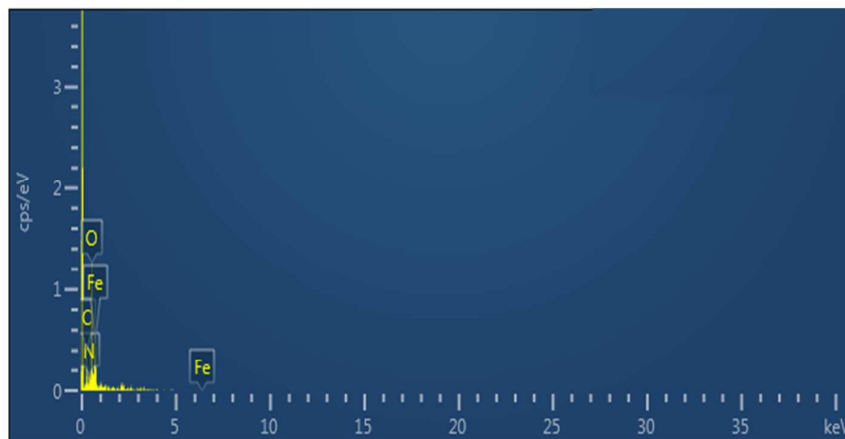
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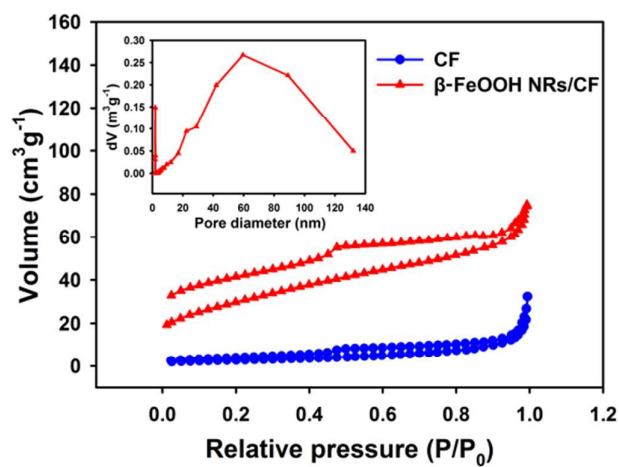
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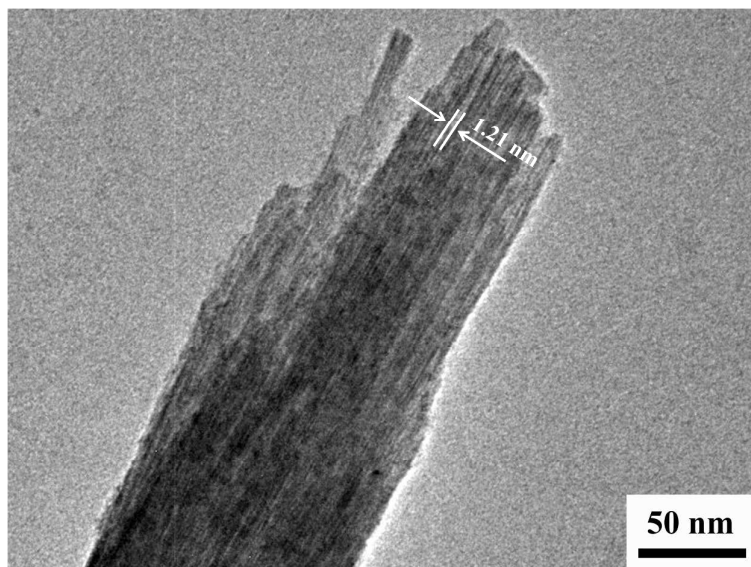
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**Figure S1.** EDS spectrum of  $\beta$ -FeOOH NRs/CF.



**Figure S2.**  $N_2$  adsorption/desorption isotherms of the obtained samples and the corresponding pore-size distribution.



**Figure S3.** TEM image of a single  $\beta$ -FeOOH NR.