

Electronic Supplementary Information

**Nitrogen and Iron Codoped Porous Carbon Polyhedrons for  
Effectively Confining Polysulfides and Efficiently Catalyzing  
Their Conversion in Lithium-Sulfur Batteries**

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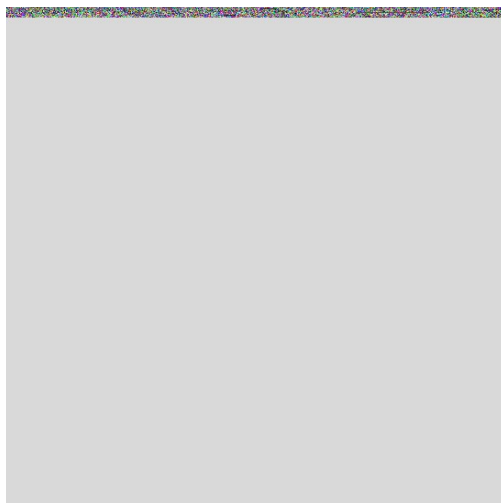
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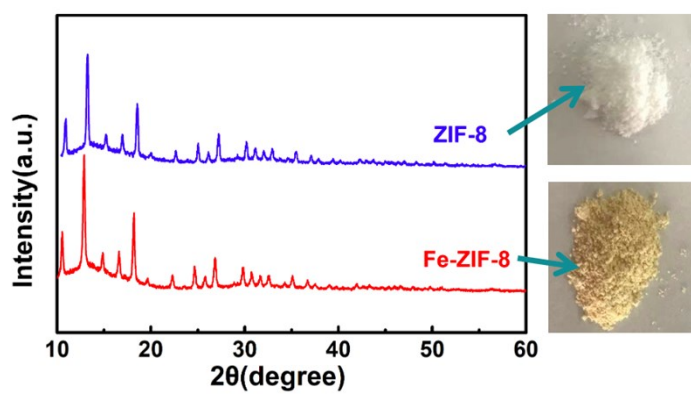
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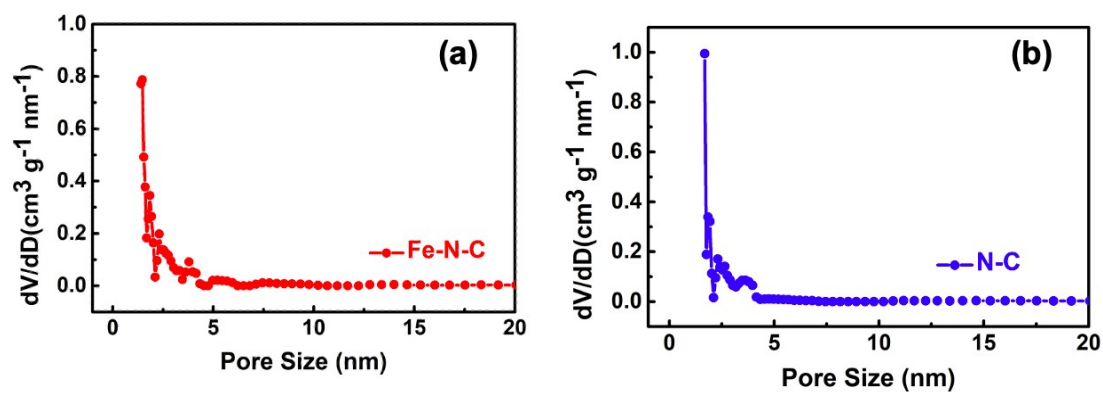
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**Figure S1.** SEM image of ZIF-8.



**Figure S2.** XRD patterns and images for Fe-ZIF-8 and ZIF-8 samples.



**Figure S3.** Pore size distribution plots for (a) Fe-N-C and (b) N-C samples.