Electronic Supplementary Information (ESI)

Structural influence of porous FeO\textsubscript{x} @ C nanorods on their performance as anodes of lithium-ion battery

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Fig. S1 Nitrogen adsorption-desorption isotherm loop and pore-size distribution curve calculated from the desorption branch by the BJH model: (a) FeO\textsubscript{x}-HY@C; (b) FeO\textsubscript{x}-AN@C.

Fig. S2 Thermogravimetric analysis (TGA) curves of FeO\textsubscript{x}-AN@C and FeO\textsubscript{x}-HY@C.
Fig. S3 Discharge capacities versus cycle number of FeO$_x$-HY and FeO$_x$-AN at the current density of 100 mA g$^{-1}$. 