

Supporting information

Highly Active Electrocatalysts of Iron Phthalocyanine by MOFs for Oxygen Reduction Reaction under Alkaline Solution

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Figure S1. Full XPS spectrum of Fe₂₀-N/C samples fired at 800 °C, 900 °C 1000 °C
(a), Fe₁₅-N/C and Fe₂₅-N/C samples fired at 900 °C (b).

Figure S2. High resolution C1s XPS spectra of Fe₂₀-N/C samples fired at 800 °C (a), 900 °C (b) and 1000 °C (c), The relative content ratio of C-N bonds in all C species (C-N bonds in all C species (C-N, C-C, and C=O) of the catalysts (d).

Figure S3. High resolution C1s XPS spectra of Fe15-N/C (a) and Fe25-N/C (b) samples fired at 900 °C. The relative content ratio of C-N bonds in all C species (C N bonds in all C species (C-N, C-C, and C=O) of the catalysts (c).

Figure S4. Fe2p XPS spectra of Fe20-N/C samples fired at 800 °C , 900 °C and 1000 °C (a) , Fe15-N/C and Fe25-N/C samples fired at 900 °C (b).

Figure S5. Corresponding Koutecky-Levich (K-L) plots derived from the LSV results on catalysts of Fe₂₀-N/C samples fired at 800 °C, 900 °C, 1000 °C for 3 h and commercial Pt/C. The loading of catalysts was 0.38 mg/cm².