supporting information Nitrogen-doped Ordered Mesoporous Carbons Supported Co₃O₄ Composite as an Bifunctional Oxygen Electrode Catalyst

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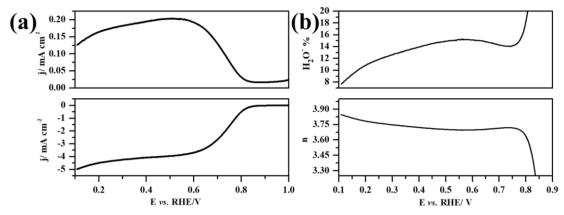


Figure S1. (a) Ring (top) and disk (down) current density from RRDE measurements of Co₃O₄/N-HNMK-3 samples after annealing at different temperature in O₂-saturated 0.1 M KOH at 25 °C with a sweep rate of 5 mV s⁻¹ at a rotating speed of 1600 rpm; (b) Molar fraction of HO₂⁻ formation and electron transfer number n from rotating ring-disk electrode (RRDE) curves in (a).

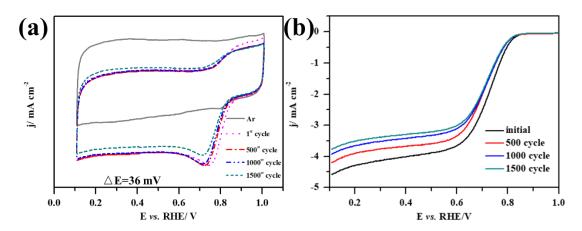


Figure S2. (a) CVs of Co₃O₄/N-HNMK-3 from 0.1 V to 1.0 V at 100 mV s⁻¹ in O₂-saturated 0.1 M KOH from 1st cycle to 1500^{th} cycle; (b) LSVs of Co₃O₄/N-HNMK-3 from 0.1 V to 1.0 V at 5 mV s⁻¹ in O₂-saturated 0.1 M KOH from 1st cycle to 1500^{th} cycle.