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Supporting Information

Nitrogen-doped hierarchical porous carbon architecture incorporated with cobalt nanoparticles and carbon nanotubes as efficient electrocatalyst for oxygen reduction reaction

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Figure S1. XRD patterns for the samples after heat treatment at 800 °C for 2 h.

Mg-n3-800

MgCo-n3-800

Figure S2. SEM images of the samples after heat treatment at 800 °C for 2h.

Figure S3. TEM images of the samples after heat treatment at 800 °C for 2h.

Figure S4. SEM-EDS spectra of the samples after heat treatment at 800 °C for 2h.

Figure S5. EDS spectra of the carbon samples under SEM observation.

Figure S6. SEM images of the obtained carbon sample (MgCo-n3-800).

Figure S7. EDS spectra of MgCo-n3-800 under TEM observation.

Figure S8. XPS spectra of the carbon samples.

Figure S9. SEM images for sample MgCo-n2.5-800.

Figure S10. SEM images for sample MgCo-n4-800.

Figure S11. BET N_2 sorption isotherm and pore size distribution.