Supporting information

Hierarchically Porous Few-Layer Porphyrinic Carbon Nanosheets Formed by VO_x-Templating Method for High-Efficiency Oxygen Electroreduction

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Figure S2 TEM images for commercial V₂O₅ powders



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Figure S12 XRD patterns (A), UV-Vis diffuse reflectance spectra (B) and SEM images (C and D) for the PPCNs prepared by heating TMPyP/V₂O₅(a) and CoTMPyP/V₂O₅(b) at 675 °C for 4h. (E) is the corresponding TEM image of PPCNs derived from CoTMPyP/V₂O₅



Figure S13 ORR RDE polarization curves over the PPCNs prepared by heating TMPyP/V₂O₅ (a) and CoTMPyP/V₂O₅(b), FeTMPyP/V₂O₅(c) at 675 °C for 4h in 0.1 M KOH (A) and 0.1 M HClO₄ (B) electrolytes at 1600 rpm. The catalyst loadings of PPCNs on the RDE electrodes in 0.1 M KOH and 0.1 M HClO₄ electrolytes are 0.10 and 0.25 mg cm⁻², respectively. The scan rate is 10 mV s⁻¹



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