Supporting Information

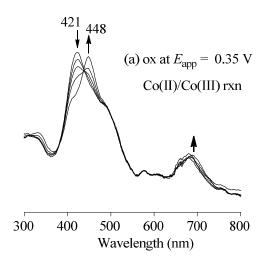
Electrochemistry and Catalytic Properties for Dioxygen Reduction Using Ferrocene-substituted Cobalt Porphyrins

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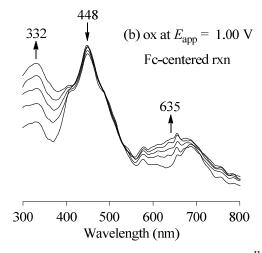
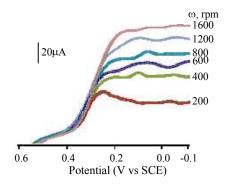


Figure S1. Thin-layer UV-visible spectral changes of Fc₄PorCo^{II} **4** during the controlled potential oxidations in DMF containing 0.1 M TBAP.

(a) Current-voltage curves



(b) Koutecky-Levich plot

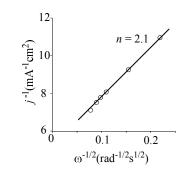


Figure S2. (a) Current-voltage curves and (b) Koutecky-Levich plot for catalyzed reduction of O_2 at a rotating EPPG disk electrode coated with Fc_4PorCo^{II} 4 in 1.0 M HClO₄ saturated with air. Values of the electrode rotation rates (ω) are indicated on each curve. Potential scan rate = 50 mV/s.