

Facile synthesis of MOF-derived ultrafine Co nanocrystals embedded in nitrogen-doped carbon matrix for the hydrogen evolution reaction

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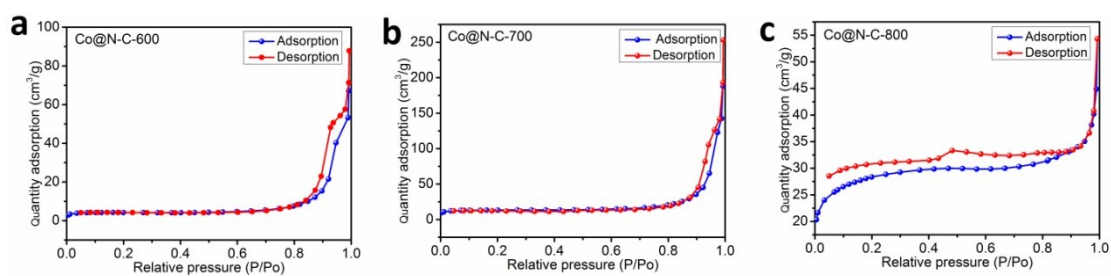


Figure S1. Nitrogen adsorption/desorption curves for Co@N-C-600, Co@N-C-600, and Co@N-C-600, respectively.

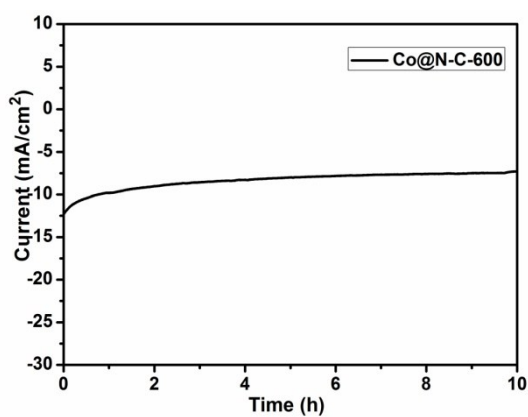


Figure S2. Time-dependent current density curve (i-t curve) under static overpotential of 100 mV vs RHE for 10h.

Table S1. BET specific surface area and pore size for Co@N-C-600, Co@N-C-600, and Co@N-C-600, respectively.

Samples	BET surface area	Pore diameter
Co@N-C-600	14.1 m ² g ⁻¹	23.4 nm
Co@N-C-700	44.3 m ² g ⁻¹	17.2 nm
Co@N-C-800	97.4 m ² g ⁻¹	2.4 nm