Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supporting Information

Metal-organic framework derived Co-N-reduced graphene oxide as electrode materials for rechargeable Li-O_2 batteries

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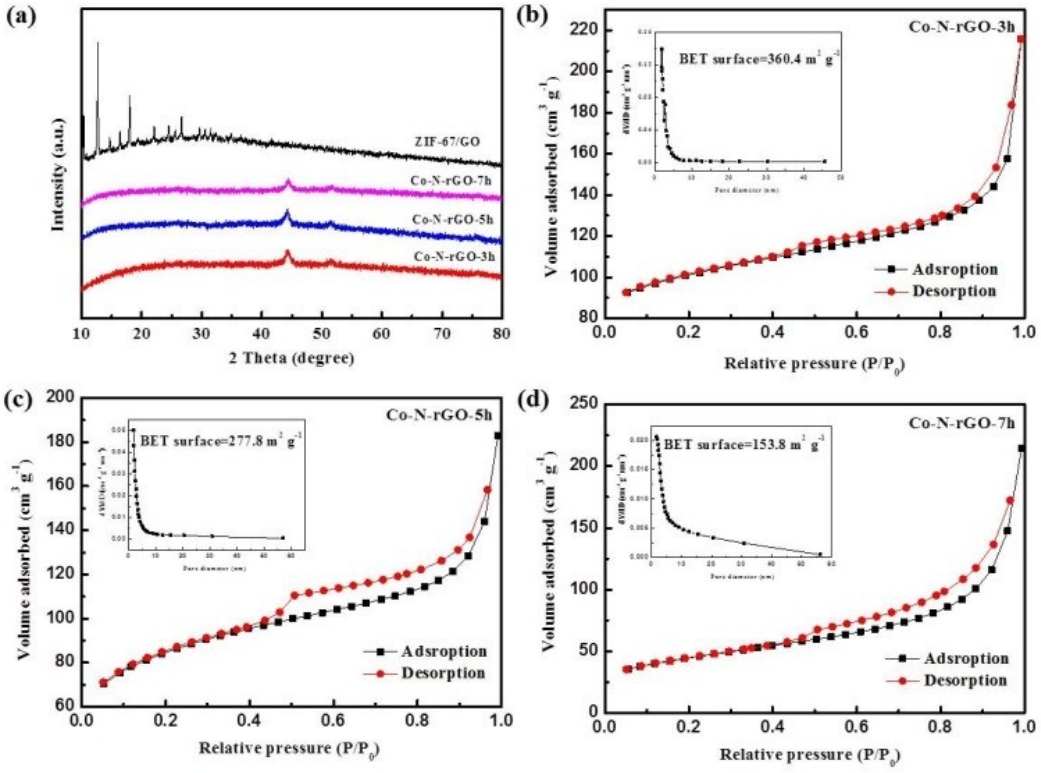

Fig. S1 (a) XRD partterns of ZIF-67/GO and Co-N-rGO-t samples. N_2 adsorption-desorption isotherms and BJH pore size distribution plots of Co-N-rGo-3h, Co-N-rGo-5h and Co-N-rGo-7h.

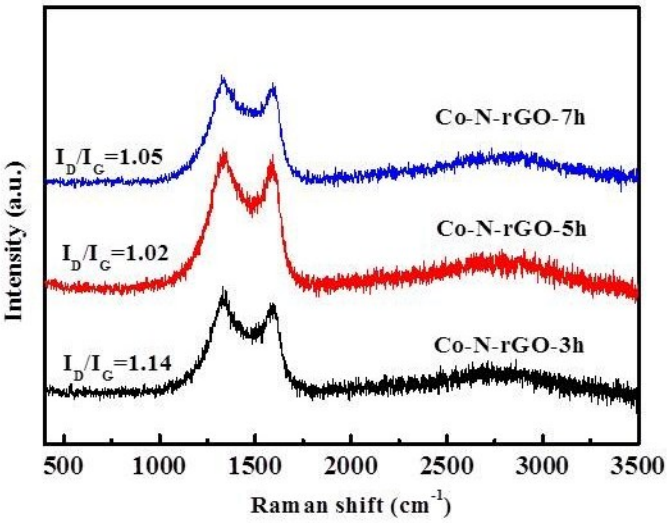

Fig. S2 Raman spectra of Co-N-rGO-t samples.

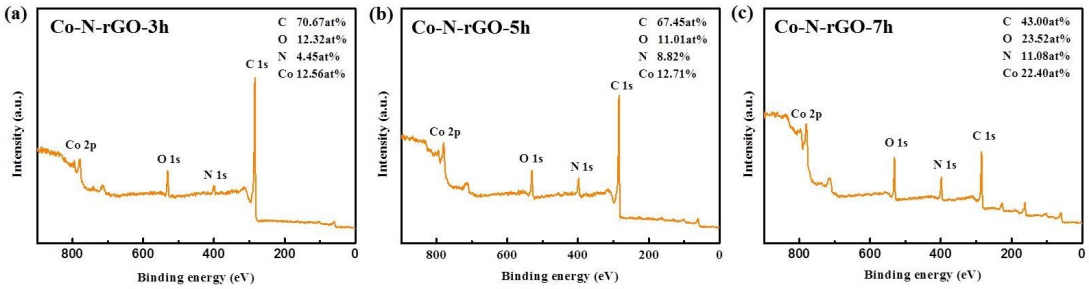

Fig. S3 XPS survey spectrum of Co-N-rGO-t samples.

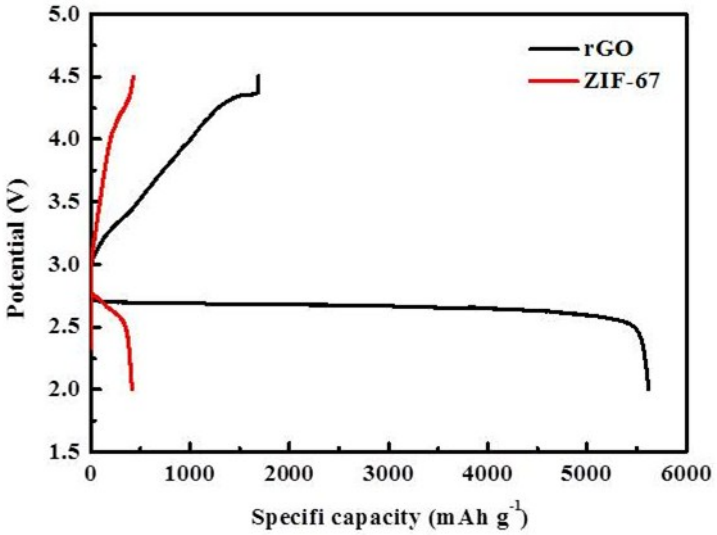

Fig. S4 Charge/discharge profiles of the Li-O_2 batteries with different electrodes at the current density of 0.05 mA cm^{-2}.