Supplementary Information for

Incorporating Ni-MOF structure with polypyrrole: Enhanced capacitive behavior as electrode material

Baoling Wang^a, Wei Li^a, Zhelin Liu^{a,*}, Yujie Duan^a, Bo Zhao^{a,b}, Yin Wang^b, Jinghai

Liu^b

^a School of Chemistry & Environmental Engineering, Changchun University of

Science and Technology, Changchun, Jilin 130022, P.R. China

^b Inner Mongolia Key Laboratory of Carbon Nanomaterials, College of Chemistry

and Chemical Engineering, Nano Innovation Institute, Inner Mongolia University for

Nationalities, Tongliao, Inner Mongolia 028000, China

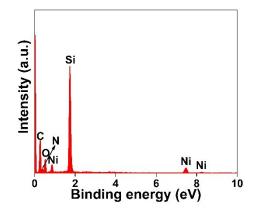


Fig. S1 EDS image of PPy-MOF composite.

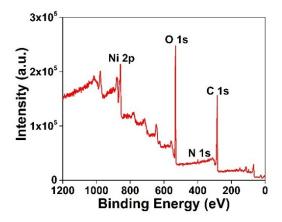


Fig. S2 XPS survey spectrum of PPy-MOF.

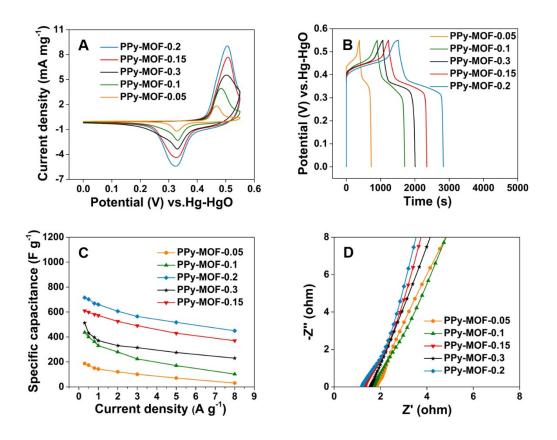


Fig. S3 (A) CV and (B) GCD curves of PPy-MOF-*x* composites at the scan rate of 2 mV s⁻¹ (A) and at the current density of 0.3 A g⁻¹ (B) in 3 M KOH solution. (C) The specific capacities obtained from different charge-discharge current densities. (D) Nyquist plots of PPy-MOF-*x*

composites.