Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Supporting Information

Metal–organic frameworks: A new promising class of material for high performance supercapacitor electrode

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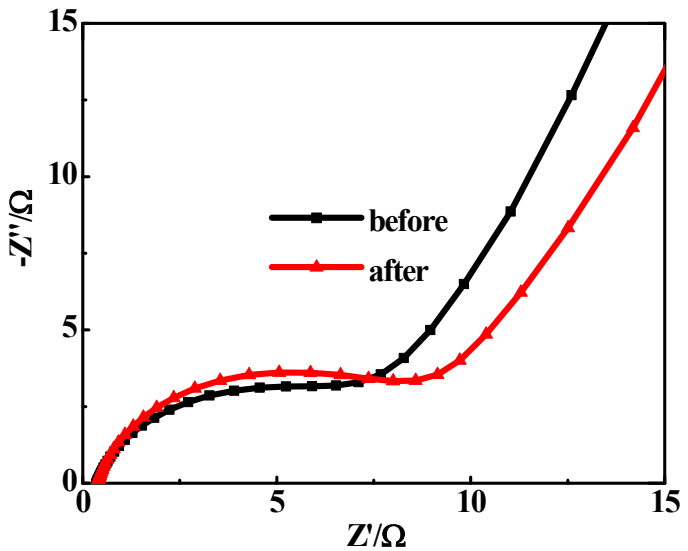

Fig. S1 EIS plots of Ni-MOF-24 before and after the cycling.

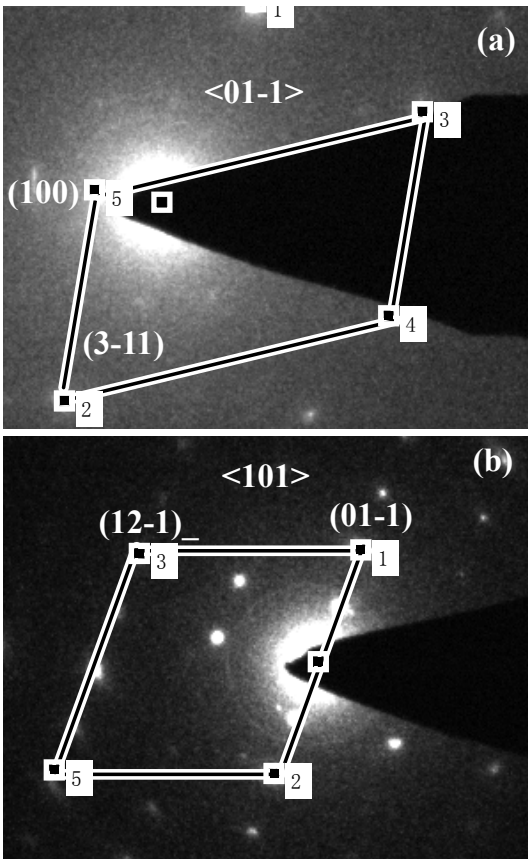

Fig. S2 SAED patterns for the Ni-MOF materials: (a) Ni-MOF-12 and (b) Ni-MOF-24.

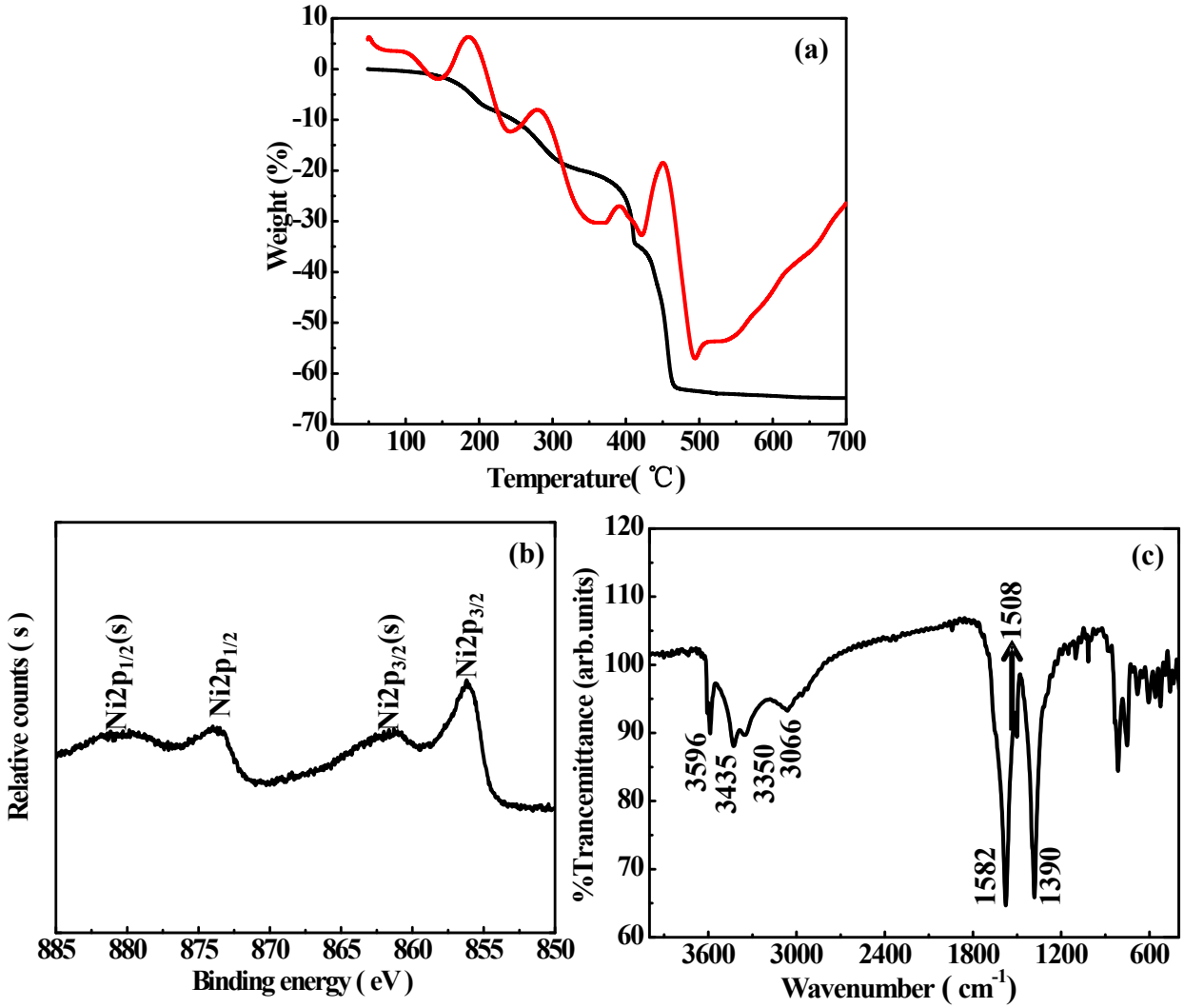

Fig. S3 Characterization results of Ni-MOF-12 material: (a) TG-DTA curve, (b) XPS, and (c) IR spectrum.

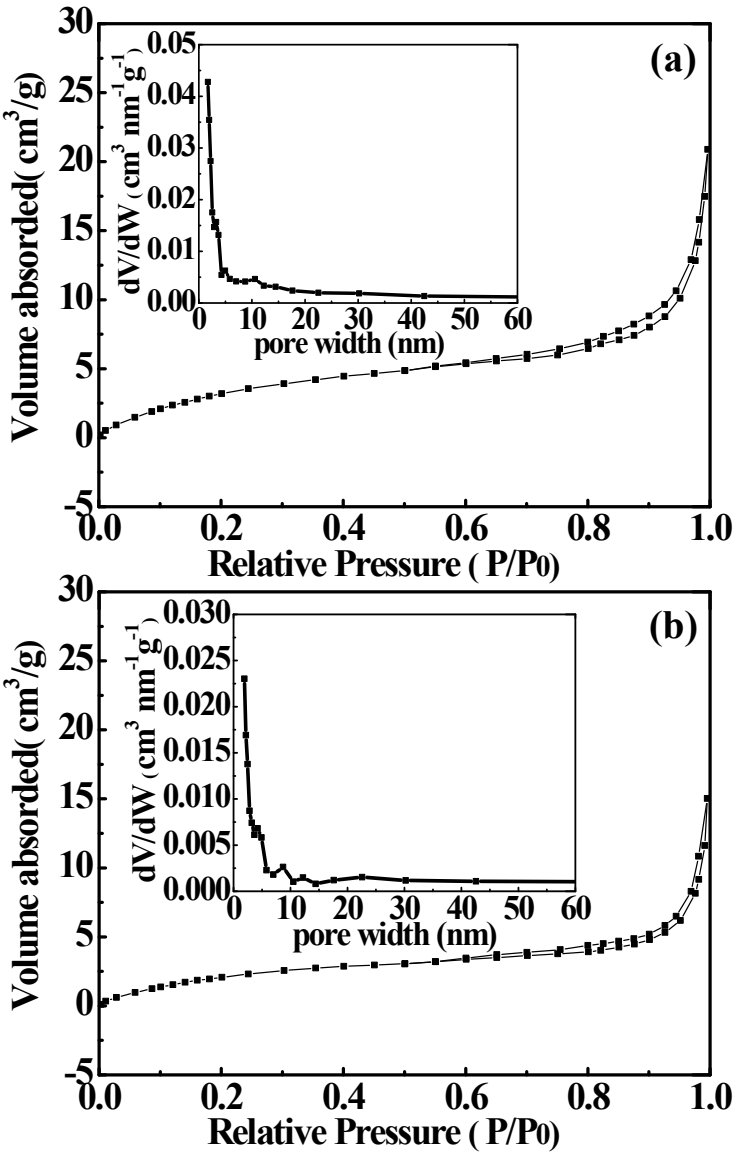

Fig. S4 N_2 adsorption-desorption isotherms and the pore size distribution curves for the Ni-MOF materials: (a) Ni-MOF-12 and (b) Ni-MOF-24.

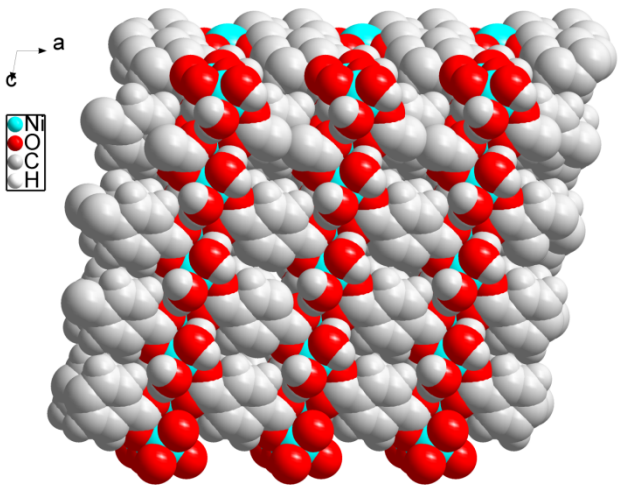

Fig. S5 Space filling mode of Ni-MOF-12 on (020) plane.

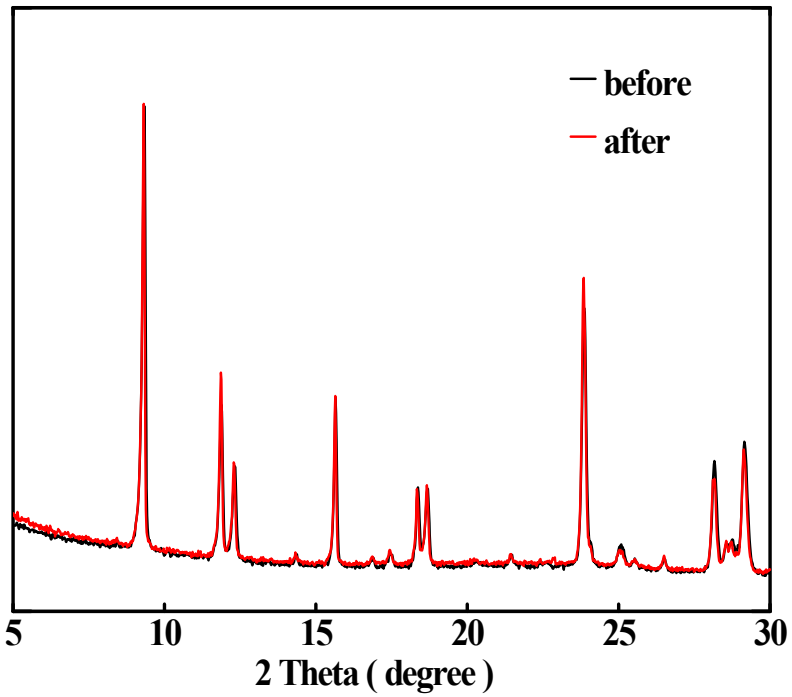

Fig. S6 XRD patterns of Ni-MOF-24 before and after the alkali treatment.