

## Supporting Information

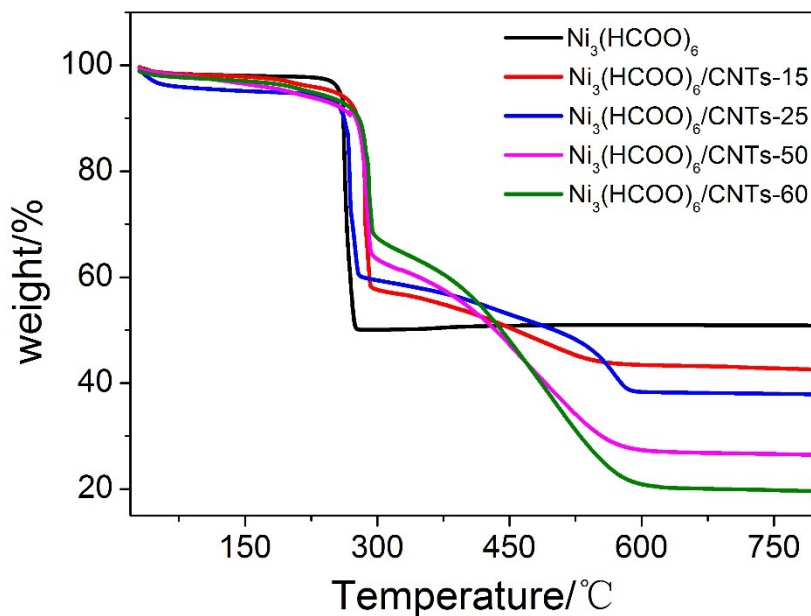


Fig. S1 TGA of  $\text{Ni}_3(\text{HCOO})_6/\text{CNTs}$  and pristine  $\text{Ni}_3(\text{HCOO})_6$ .

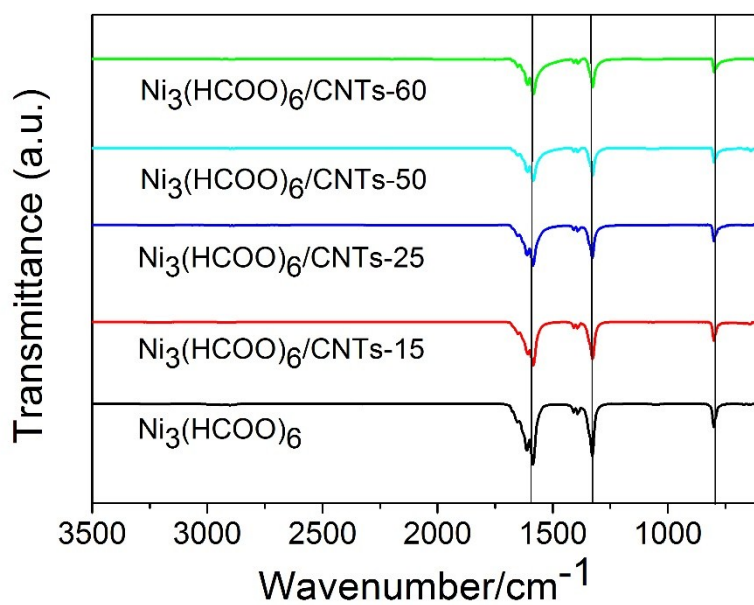


Fig. S2 IR spectra of the ellipsoidal  $[\text{Ni}_3(\text{HCOO})_6]$  and  $\text{Ni}_3(\text{HCOO})_6/\text{CNTs-n}$  ( $n=15, 25, 50, 60$ ).

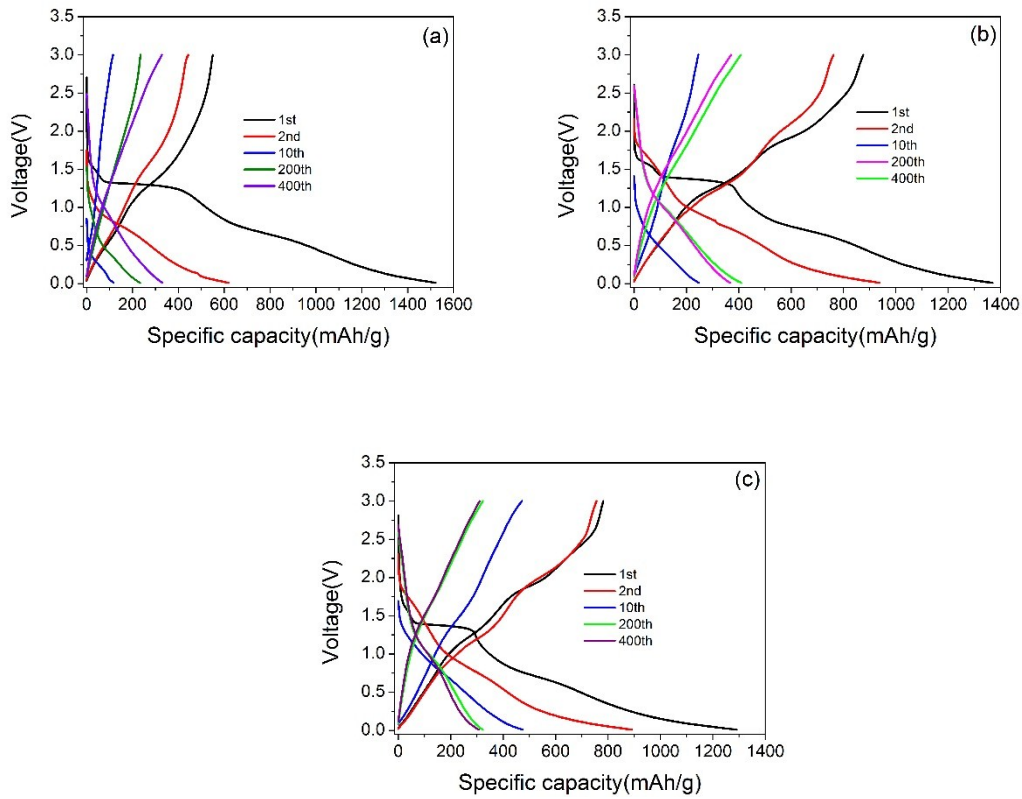


Fig. S3 (a) Discharge/charge curves of  $\text{Ni}_3(\text{HCOO})_6/\text{CNTs-15}$ ; (b) Discharge/charge curves of  $\text{Ni}_3(\text{HCOO})_6/\text{CNTs-25}$ ; (c) Discharge/charge curves of  $\text{Ni}_3(\text{HCOO})_6/\text{CNTs-60}$ .

60.

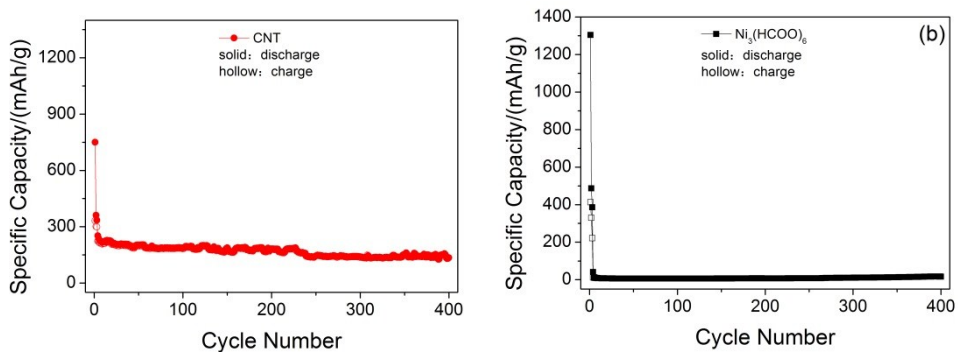


Fig. S4 (a) Cycling performance of CNTs; (b) Cycling performance of pristine  $\text{Ni}_3(\text{HCOO})_6$ .