Electronic Supplementary Material (ESI) for Dalton Transactions.

SUPPLEMENTARY INFORMATION

MOF-derived hierarchical double-shelled NiO/ZnO hollow spheres for high-performance supercapacitor

Guo-Chang Li,[a] Peng-Fei Liu,[a] Rui Liu,[b] Minmin Liu,[b] Kai Tao,[a] Shuai-Ru Zhu,[a] Meng-Ke Wu,[a] Fei-Yan Yi[a] and Lei Han*[a,c]

[a] State Key Laboratory Base of Novel Functional Materials and Preparation Science, School of Materials Science & Chemical Engineering, Ningbo University, Ningbo, Zhejiang 315211, China

[b] Ministry of Education Key Laboratory of Advanced Civil Engineering Material, College of Materials Science and Engineering, and Institute for Advanced Study, Tongji University, Shanghai, 201804, , China

[c] Key Laboratory of Photoelectric Materials and Devices of Zhejiang Province， Ningbo University, Ningbo, Zhejiang 315211, China

* Corresponding Author. Tel: +86-574-87600782; Email: hanlei@nbu.edu.cn

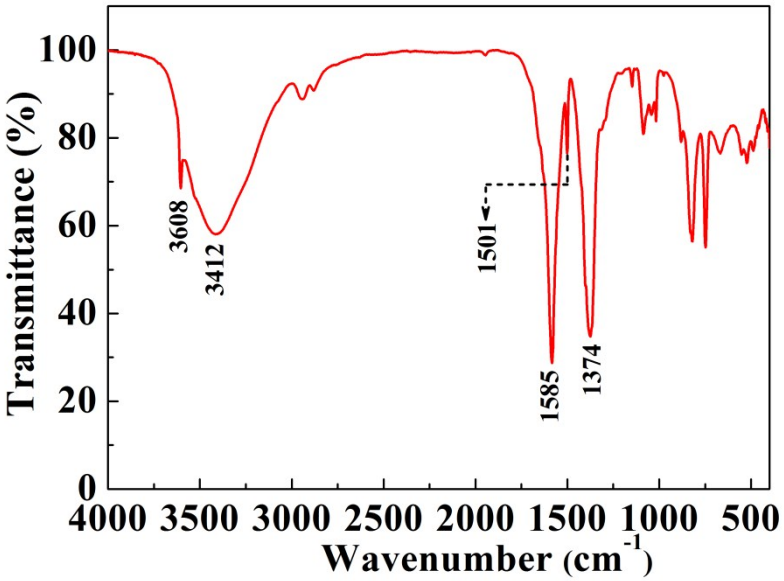

Fig. S1. FT-IRspectrum of MOF precursor

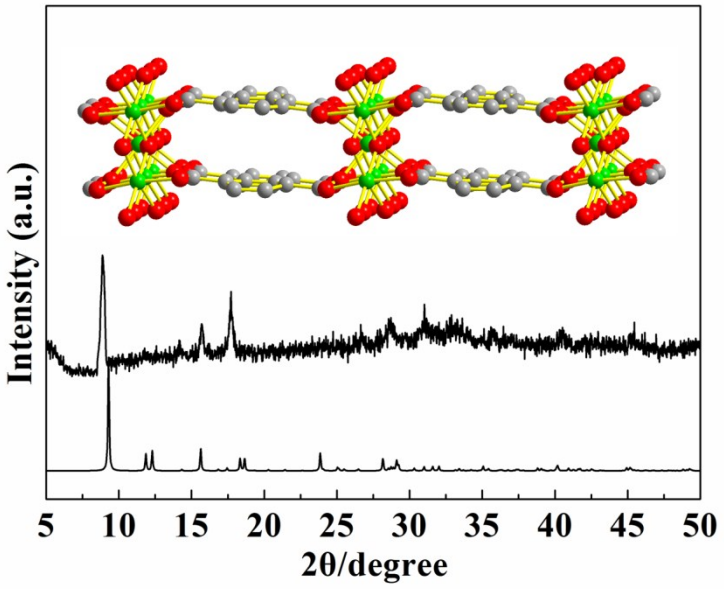

Fig. S2. XRD patterns of the MOF precursor

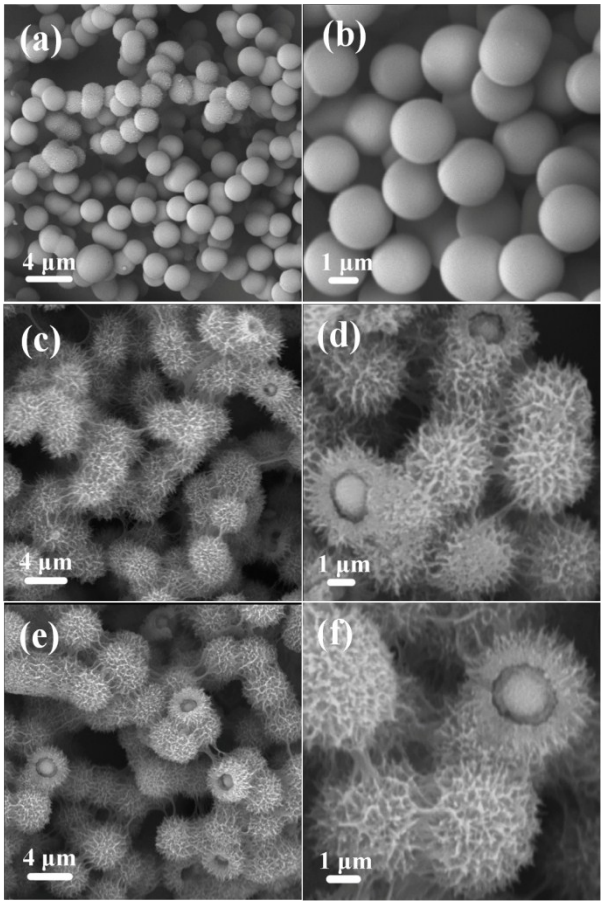

Fig. S3. SEM of MOF precursor. (a,b) 1.5h; (c,d) 6h; (e,f) 12h.

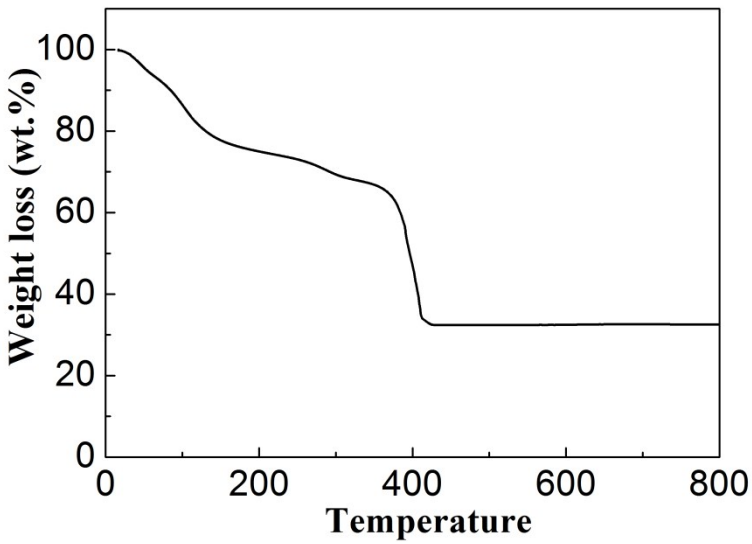

Fig. S4. The TGA curve of MOF precursor.

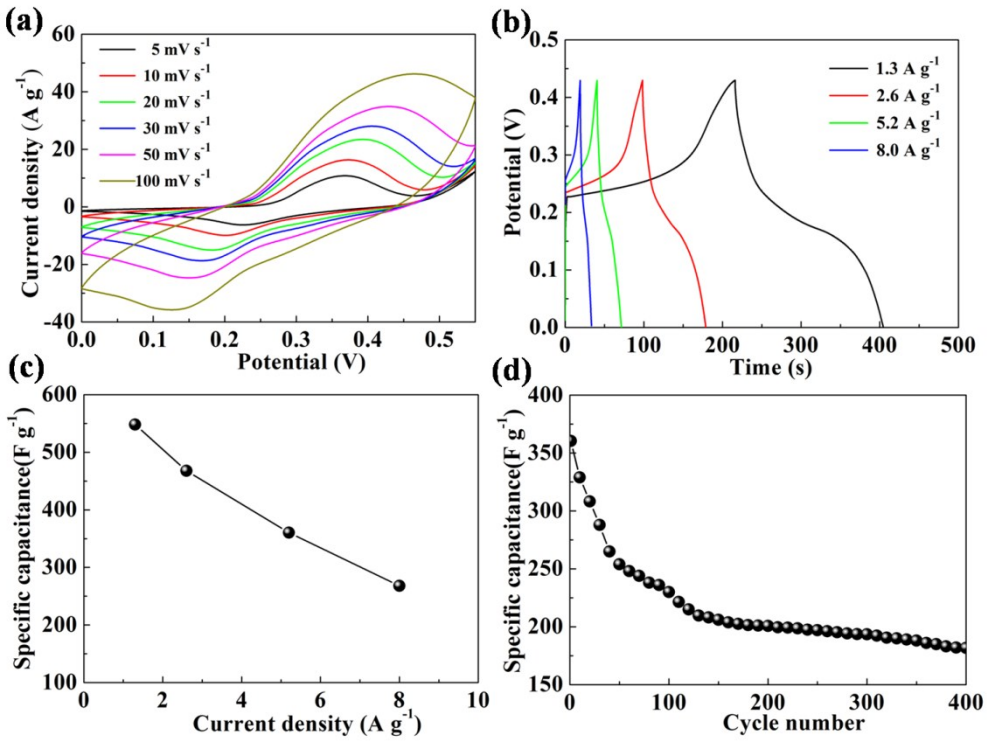

Fig. S5. CV curves of MOF precursor electrode at different scan rates; (b) GCD curves of MOF precursor electrode at different current densities; (c) The corresponding specific capacitance of MOF precursor electrode calculated by the GCD curves; (d) Cycle performance of MOF precursor electrode at the current density of 5.2 A g^{-1} for 400 cycles.