Supplementary material

Interwoven Heterostructural Co$_3$O$_4$-Carbon@FeOOH Hollow Polyhedrons with Improved Electrochemical Performance

Wangwang Xu, Zhiqiang Xie, Zi Wang, Grant Dietrich, Ying Wang*

Department of Mechanical & Industrial Engineering, Louisiana State University, Baton Rouge, LA 70803, USA.

Figure S1. XRD pattern of ZIF-67 polyhedrons
Figure S2. SEM image of Co₃O₄-carbon/FeOOH composite with the reaction time of (a) 6 hours and (b) 36 hours.

Figure S3. AC impedance plots of heterostructural Co₃O₄-carbon@FeOOH hollow polyhedrons and pure Co₃O₄ hollow polyhedrons.
Figure S4. SEM images of (a) high magnification and (b) low magnification of the Co$_3$O$_4$-carbon@FeOOH interwoven hollow polyhedrons after 100 cycles at a specific current of 200 mA/g.