

Electronic Supplementary Information

Design and synthesis of yolk-shell Fe₂O₃/N-doped carbon nanospindles with rich oxygen vacancies for robust lithium storage

Jianping Lin,^{a,1} Lingfang Ruan,^{b,1} Jiasheng Wu,^b Wenyu Yang,^a Xiaohui Huang,^b
Zhiqiang Huang,^b Shaoming Ying^b and Zhiya Lin^{a,c,*}

^a College of Mathematics and Physics, Ningde Normal University, Ningde 352100, China.

^b College of Chemistry and Materials, Ningde Normal University, Fujian Province
University Key Laboratory of Green Energy and Environment Catalysis, Ningde 352100,
China.

^c College of Physics and Energy, Fujian Normal University, Fujian Provincial Solar Energy
Conversion and Energy Storage Engineering Technology Research Center, Fuzhou 350117,
China.

¹ These authors contributed equally to this work.

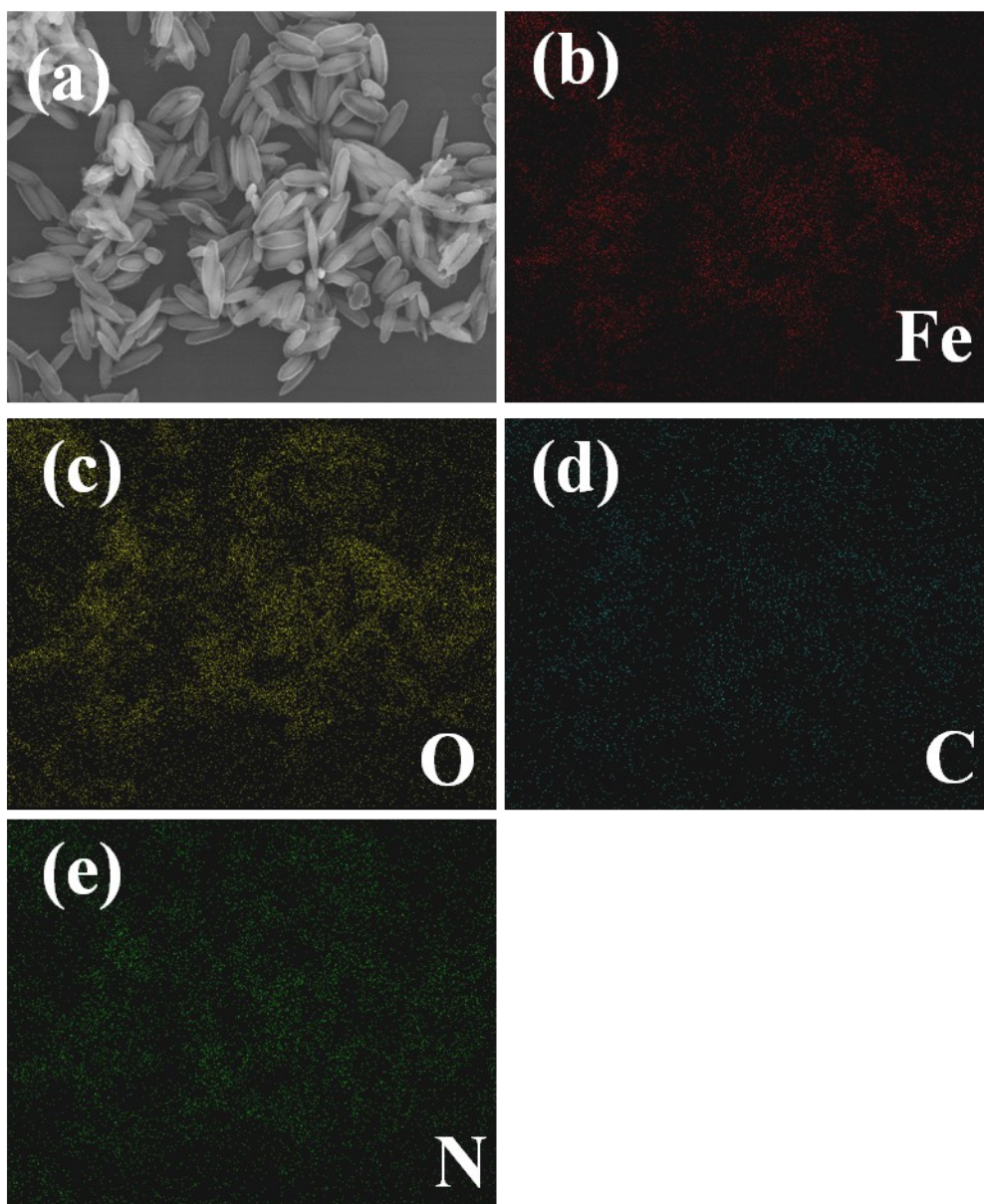


Fig. S1 (a-e) Element maps of YS-Fe₂O₃@NC.

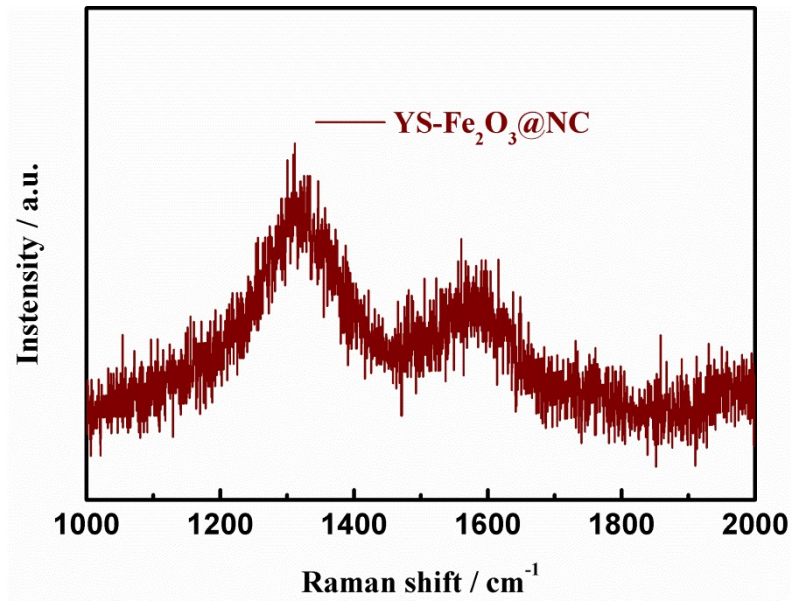


Fig. S2 Raman spectrum of YS-Fe₂O₃@NC.

