

## Supporting Information

# A Robust Core-Shell Design to Stabilize MnO<sub>2</sub> and Activate Prussian Blue for High-Performance Zinc-Ion Batteries

Hanqi Sun, Li Sun\*, Wenjing Li, Jiayang Li, Yong Wang, Jiawen Cui

*Engineering Research Center of Ministry of Education for Geological Carbon Storage and Low Carbon Utilization of Resources, Beijing Key Laboratory of Materials Utilization of Nonmetallic Minerals and Solid Wastes, National Laboratory of Mineral Materials, School of Materials Science and Technology, China University of Geosciences (Beijing), 100083, China*

\*Corresponding authors

Email address: sunli@cugb.edu.cn

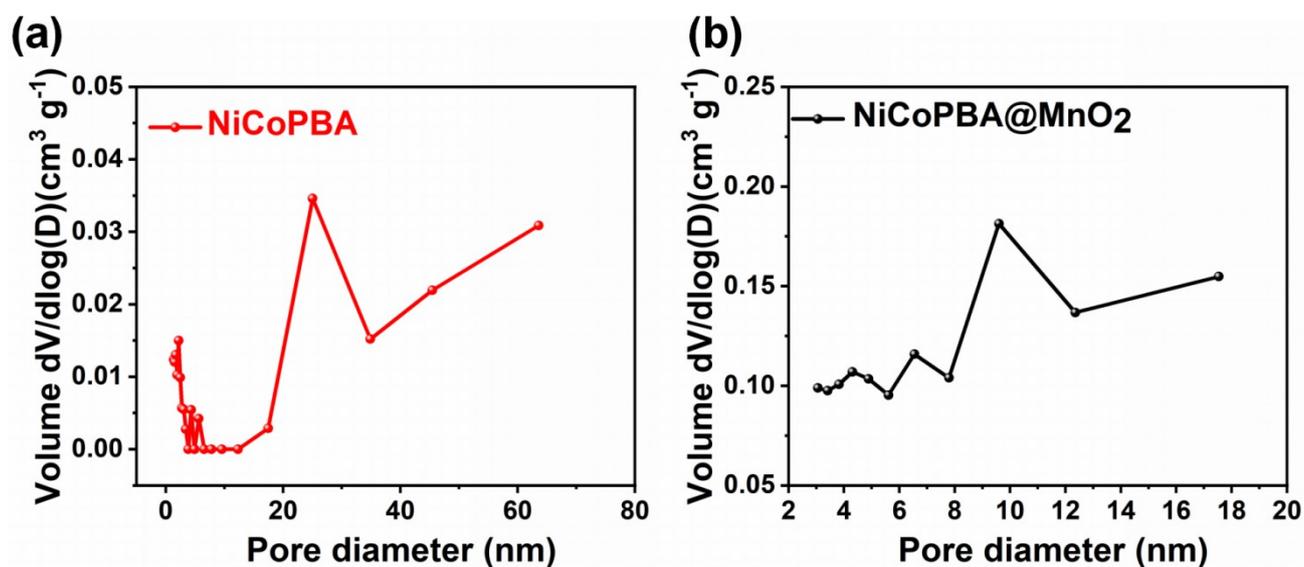


Fig. S1 Pore size distribution curves of (a) NiCoPBA and (b) NiCoPBA@MnO<sub>2</sub>.

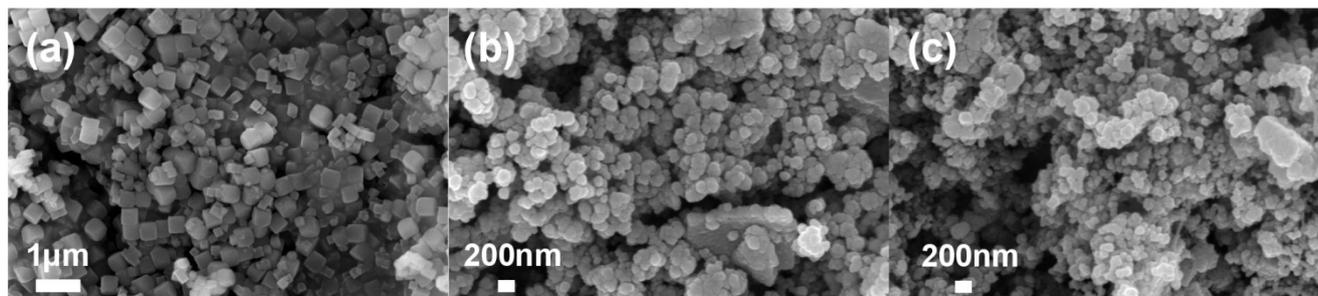
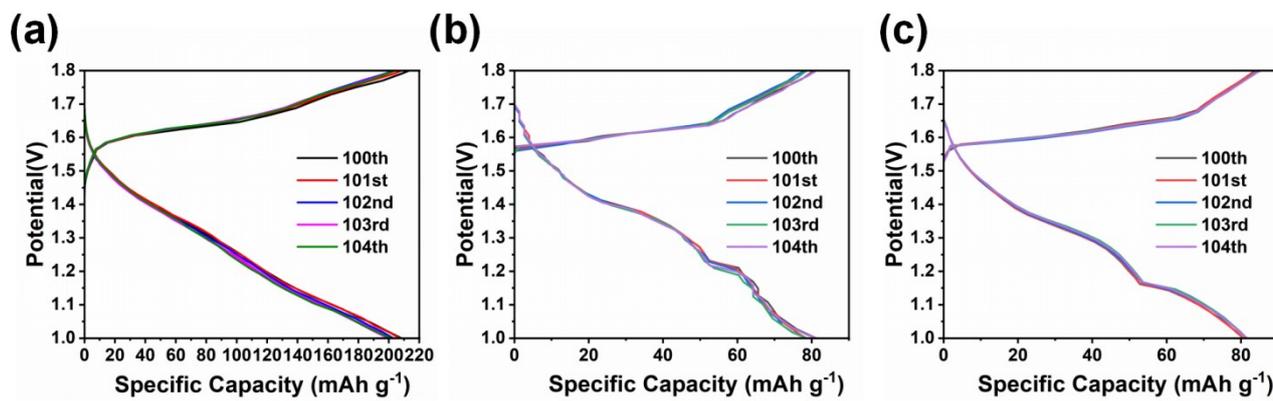


Fig. S2 Morphological characterization of different samples at lower magnifications: (a) NiCoPBA, (b) MnO<sub>2</sub>, (c) NiCoPBA@MnO<sub>2</sub>.



**Fig. S3** Charge/discharge curves of different samples after 100 cycles: (a) NiCoPBA@MnO<sub>2</sub>, (b) MnO<sub>2</sub>, (c) NiCoPBA.