Self-Decoration of PtNi Alloy Nanoparticles on Multi-Walled Carbon Nanotubes for Highly Efficient Methanol Electro-Oxidation

Yu-Yan Zhou¹, Chang-Hai Liu²,*, Jie Liu¹, Xin-Lei Cai¹, Ying Lu¹, Hui Zhang¹, Xu-Hui Sun¹, Sui-Dong Wang¹,*

¹Institute of Functional Nano & Soft Materials (FUNSOM), Jiangsu Key Laboratory for Carbon-Based Functional Materials & Devices, Soochow University, Suzhou, Jiangsu 215123, People's Republic of China

²School of Materials Science & Engineering, Changzhou University, Changzhou, Jiangsu 213164, People's Republic of China

* Corresponding author. E-mail: wangsd@suda.edu.cn, liuch@cczu.edu.cn

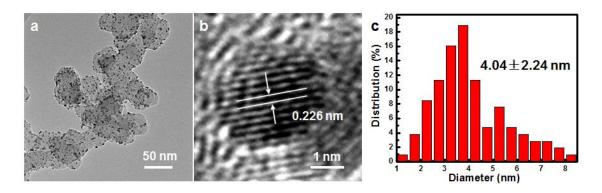


Fig. S1 **a** TEM image, **b** HRTEM image, and **c** NP size distribution of commercial Pt/C catalyst