Supplementary Information

Facile synthesis of Pt-Pd nanodendrites and their superior electrocatalytic activity

Jing-Jing Lv, Jie-Ning Zheng, Shan-Shan Li, Li-Li Chen, Ai-Jun Wang*, Jiu-Ju Feng*

College of Geography and Environmental Science, College of Chemistry and Life Science, Zhejiang Normal University, Jinhua 321004, China

*Corresponding author: jjfeng@zjnu.cn (JJF), ajwang@zjnu.cn (AJW); Tel./Fax: +86 579 82282269.
Fig. S1 TEM images of the products collected at different temperature: 25 °C (A), 40 °C (B), 60 °C (C), and 80 °C (D).
**Fig. S2** TEM images of the products collected in the absence (A), and presence of 0.1% (B) and 0.5% (C) PVP.
Fig. S3 TEM images of the products collected without (A), and with 2.5 mM (B), 10 mM (C), and 50 mM (D) urea.
Fig. S4 TEM images of the products collected in the reaction system with different pH values: 2.0 (A) and 7.0 (B).
**Fig. S5** Cyclic voltammograms of the Pt-Pd NDs (curve a), Pt black (curve b), and Pd black (curve c) catalysts modified electrodes in 0.5 M H₂SO₄ at a scan rate of 50 mV s⁻¹.