

Support Information

Deposition of platinum pattern by a liquid process

Zhongrong Shen, Jinwang Li, Yasuo Matsuki, and Tatsuya Shimoda

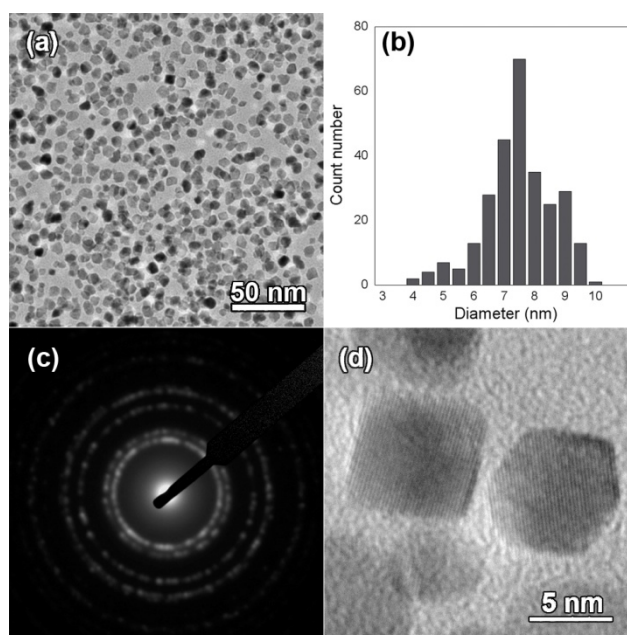


Fig. S1 (a) TEM images of Pt nanoparticles prepared by the alcohol reduction; (b) Distribution diagram of Pt nanoparticles; (c) Selected area electron diffraction pattern of Pt nanoparticles; (d) High resolution TEM image of Pt nanoparticles.

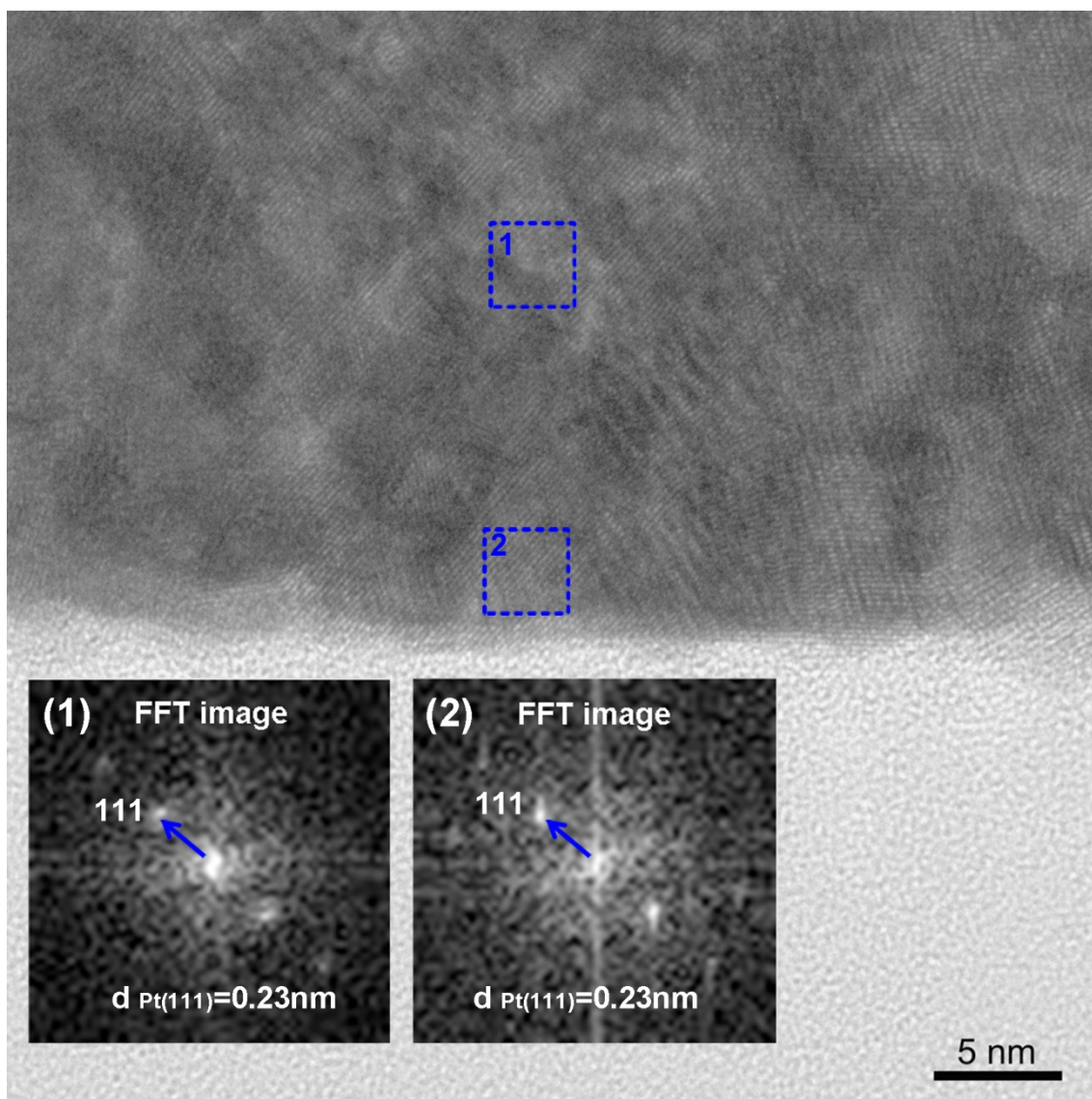


Fig. S2 Cross-sectional HRTEM of Pt deposition film. Insets show two FFT images at the scanning area of (1) and (2), indicating the same crystalline orientation.

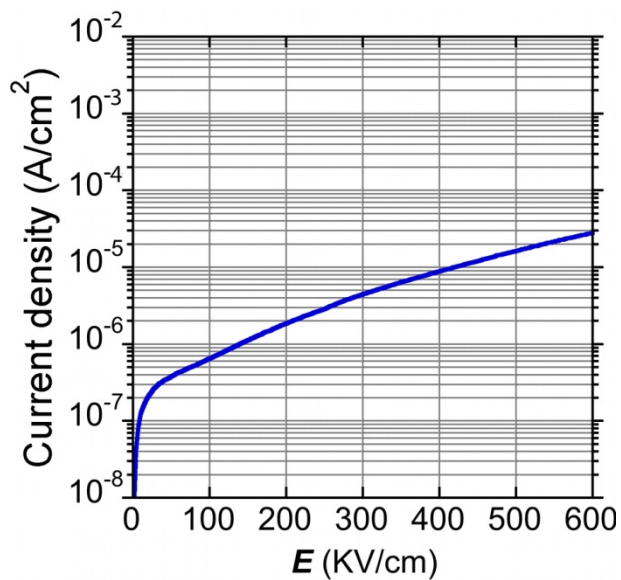


Fig. S3 Leakage current of PZT film on the deposited Pt film by liquid process

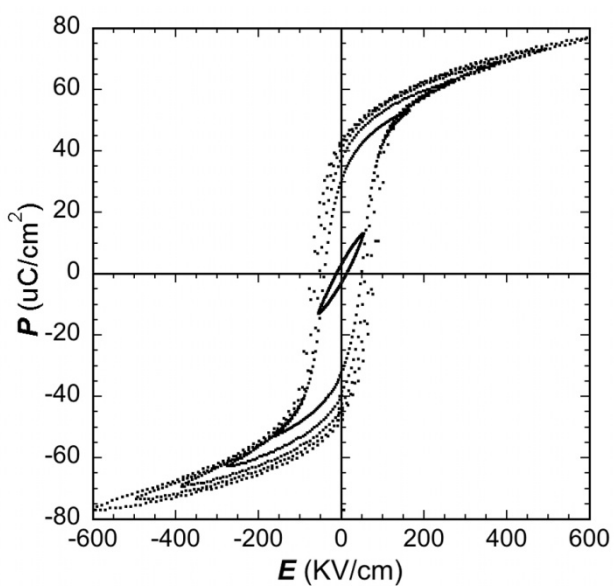


Fig. S4 P-E hysteresis loops of PZT film on a sputtered Pt film (Tanaka Kikinzoku)