

Supporting Information for

Strain engineering to enhance the ORR performance of atomic-layer Pt on nanoporous gold

Jian Zhang, Shuai Yin, Hui-Ming Yin*

Tianjin Key Laboratory of Advanced Functional Porous Materials, Institute for New Energy Materials & Low-Carbon Technologies, School of Materials Science and Engineering, Tianjin University of Technology, Tianjin 300384, China

*Corresponding author: Hui-ming Yin (yinhui ming@tjut.edu.cn)

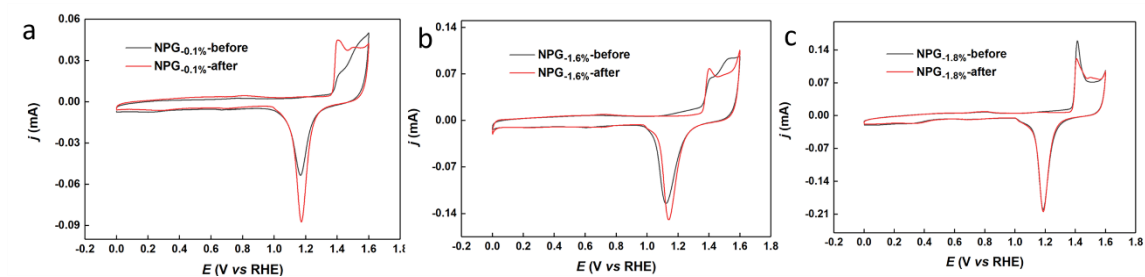


Figure S1. CV curves of the NPG substrates with different ligament sizes in Ar-saturated 0.5 M H₂SO₄ before and after the potential cycling.

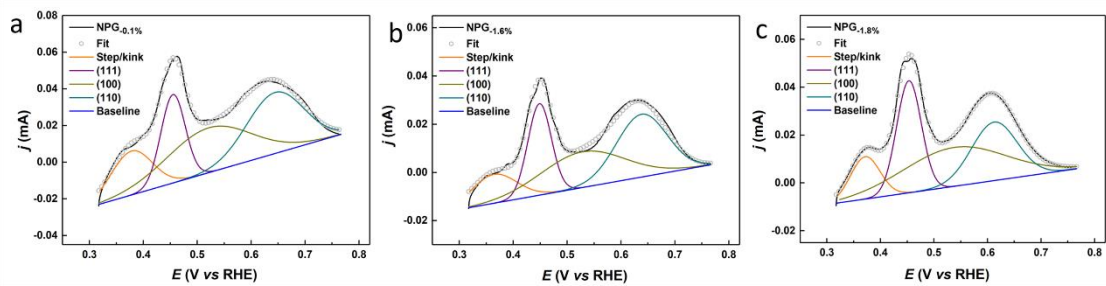


Figure S2. Desorption curves of the deposited Pb on the NPG substrates with different ligand sizes in Ar-saturated 0.5 M H₂SO₄ after the potential cycling.

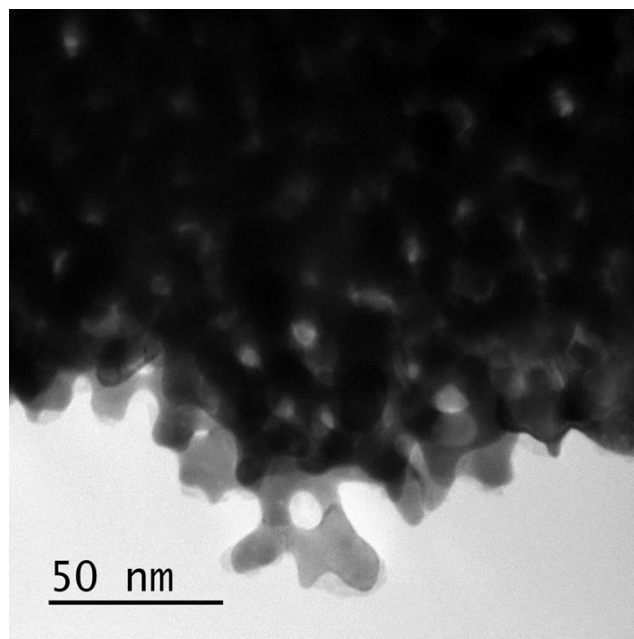


Figure S3. TEM image after 10k cycles ADT for NPG_{-1.8%}-Pt.