Supporting information

Fig. S1 AFM image and height distribution histograms of [BMI]-GONs on a silicon substrate.

Fig. S2 TEM and HRTEM images of the Pt nanosphere on the [BMI]-GONs.
Fig. S3 Chronoamperometry curves for [BMI]-GONs/Pt and Pt/C in 0.5 M H$_2$SO$_4$. 