

Supporting information

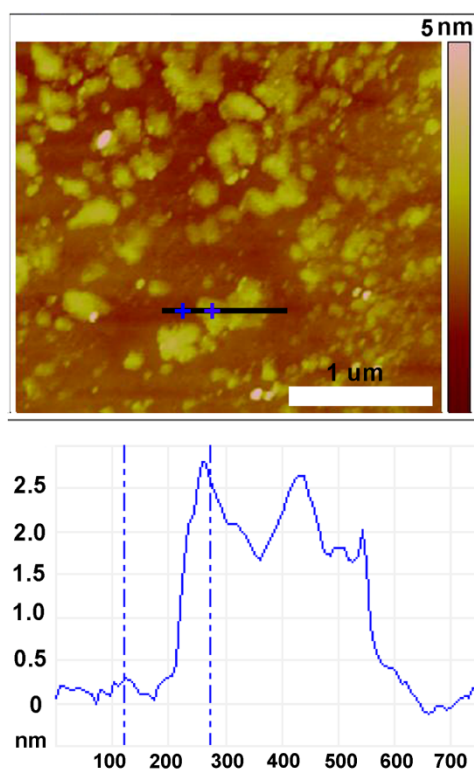


Fig. S1 AFM image and height distribution histograms of [BMI]-GONs on a silicon substrate.

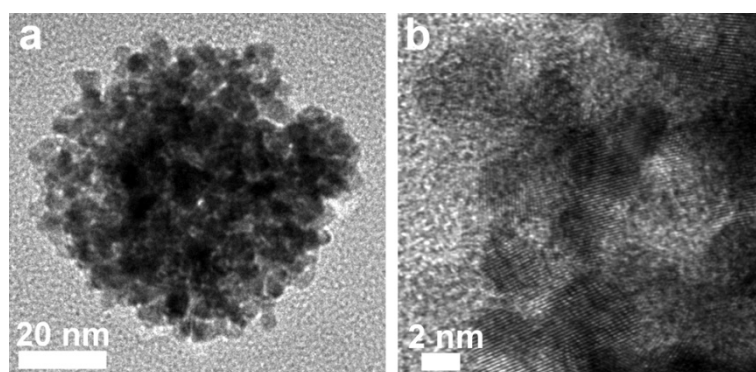


Fig. S2 TEM and HRTEM images of the Pt nanosphere on the [BMI]-GONs.

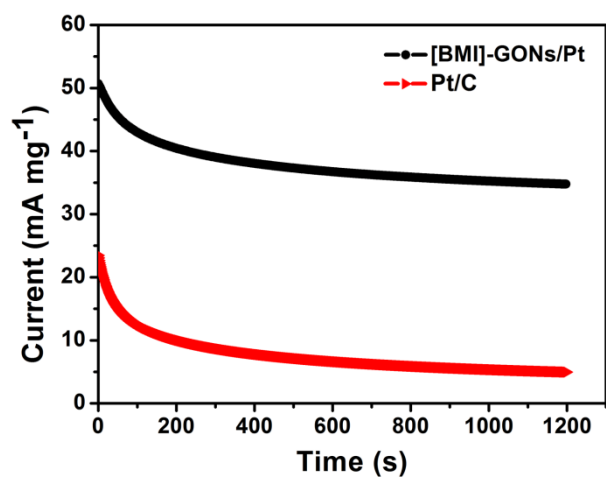


Fig. S3 Chronoamperometry curves for [BMI]-GONs/Pt and Pt/C in 0.5 M H₂SO₄.