

Electronic Supplementary Information (ESI)

Assembling Gold and Platinum Nanoparticles on the Resorcinarene Modified Graphene and Their Electrochemical Applications

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1. Amphiphilic molecular structure of T

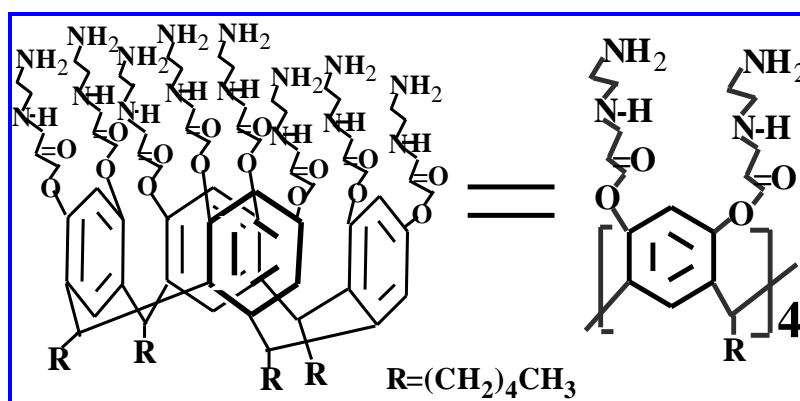


Fig. S1 Amphiphilic molecular structure of T

2. Photos GN and GN-T



Fig. S2 Photos GN and GN-T

3. TEM images of pre-synthesized PtNPs and AuNPs

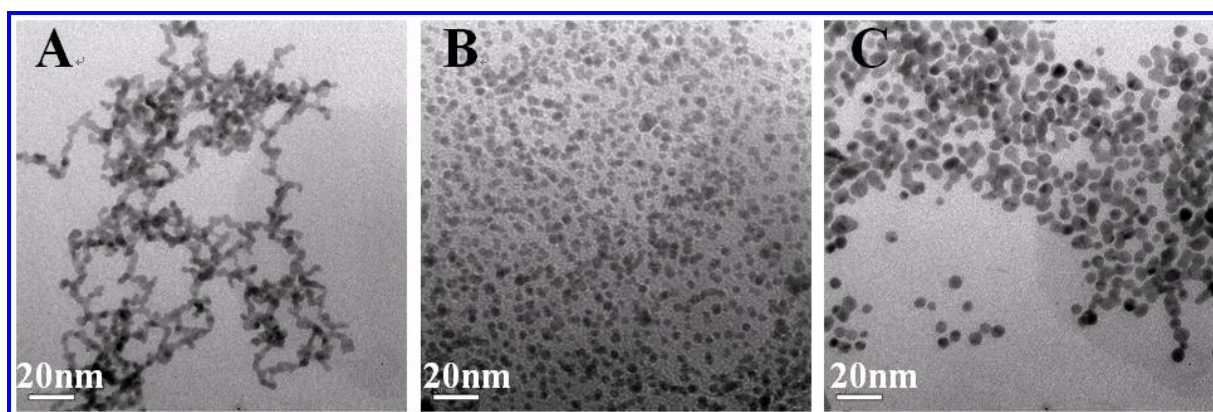


Fig. S3 TEM images of pre-synthesized PtNPs (A), pre-synthesized AuNPs with 3nm diameter (B), and pre-synthesized AuNPs with 6nm diameter (C).

4. TEM images of GN-T-AuNPs that GO and T is just non-covalent bond force and covalent bond force and non-covalent bond force

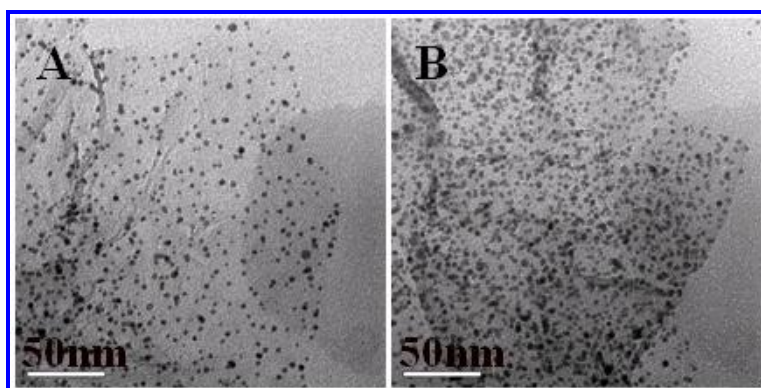


Fig. S4 (A) TEM images of sparse AuNPs of GN-T-AuNPs that GO and T is just non-covalent bond force. (B) TEM images dense AuNPs of GN-T-AuNPs that GO and T is covalent bond force and non-covalent bond force.