

Supplementary file

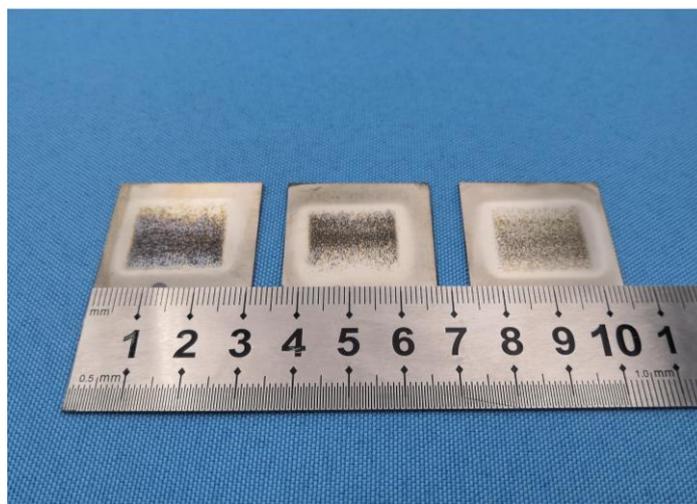


Figure S1. Photograph of the coating obtained when GO is agglomerated in the plating bath.

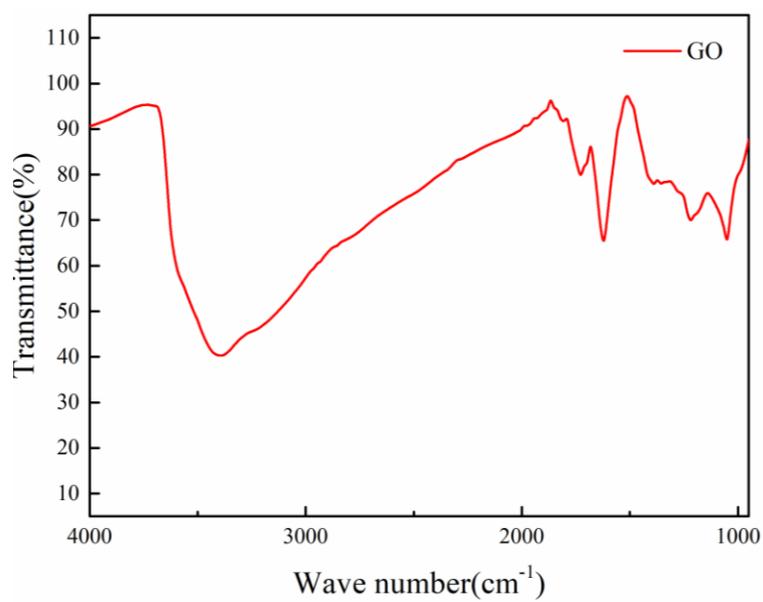


Figure S2. FTIR spectroscopy of synthesis GO.

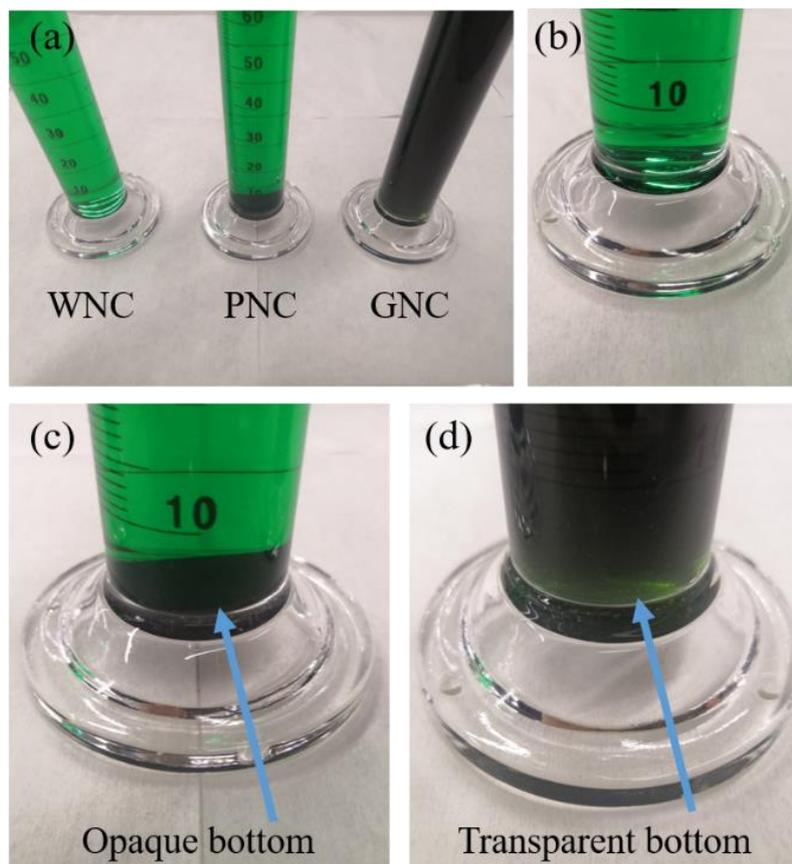


Figure S3. Sedimentation of plating bath standing for 1 hour. (A) Equal amounts of different types of plating bath. (B) Watts nickel bath. (C) Plating bath used to prepare PNC. (D) composite plating bath used to prepare GNC.

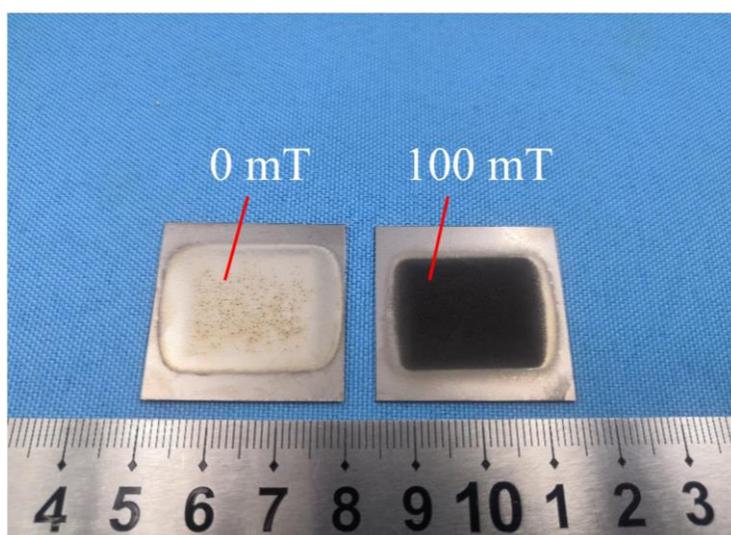


Figure S4. The effect of magnetic field on coating preparation.

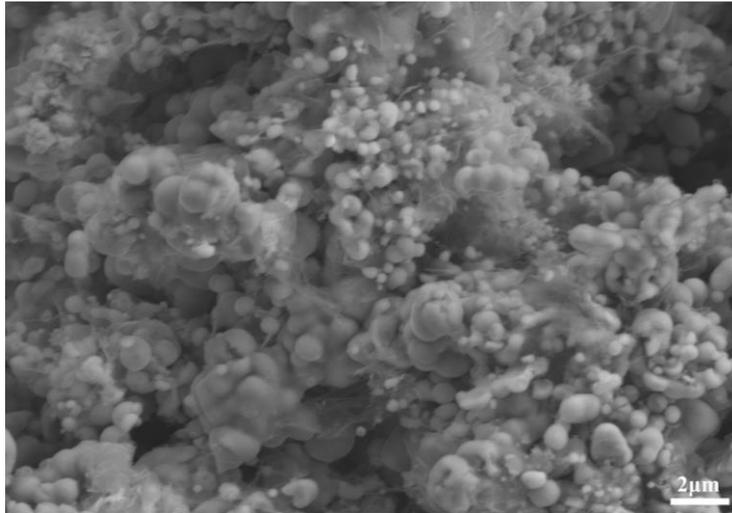


Figure S5. High magnification image of GNC.