

Supplementary Data

Palladium Decorated Unconventional Graphene Oxide for Unprecedented Hydrogen Storage

*Shankar Ghotia^{1,2}, Seemita Banerjee^{3,4}, Asheesh Kumar³, Neeraj Dwivedi^{1,2}, Avanish Kumar
Srivastava^{1,2}, Pradip Kumar^{1,2,*}*

¹CSIR-Advanced Materials and Processes Research Institute (AMPRI) Bhopal, Madhya Pradesh 462026, India

²Academy of Scientific and Innovative Research (AcSIR), Ghaziabad, Uttar Pradesh 201002, India

³Chemistry Division, Bhabha Atomic Research Centre, Mumbai 400085, India

⁴Homi Bhabha National Institute (HBNI), Mumbai 400094, India

*Corresponding author

Email: pradip.kg@ampri.res.in, pkgangwar84@gmail.com (Dr. Pradip Kumar)

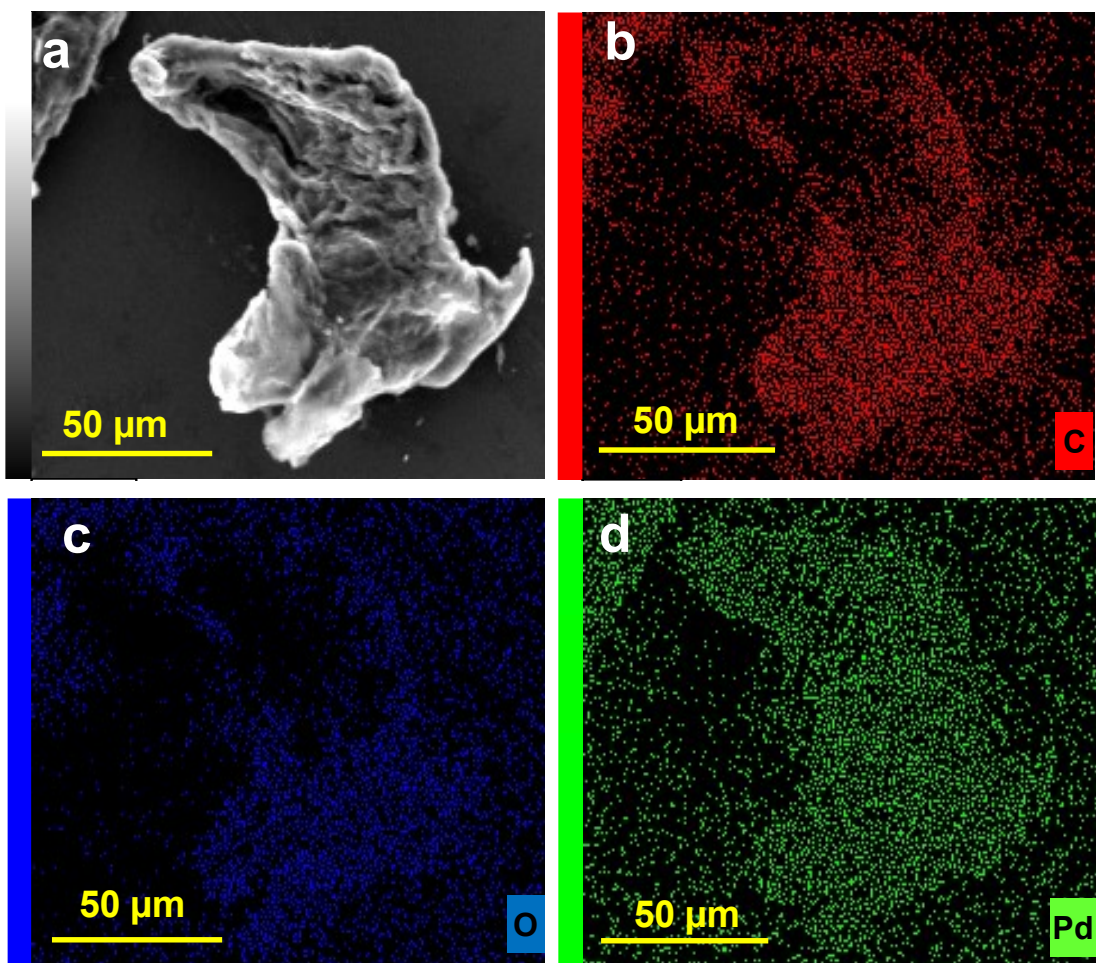


Figure S1. Elemental mapping of the Pd-rHGO nanocomposite.

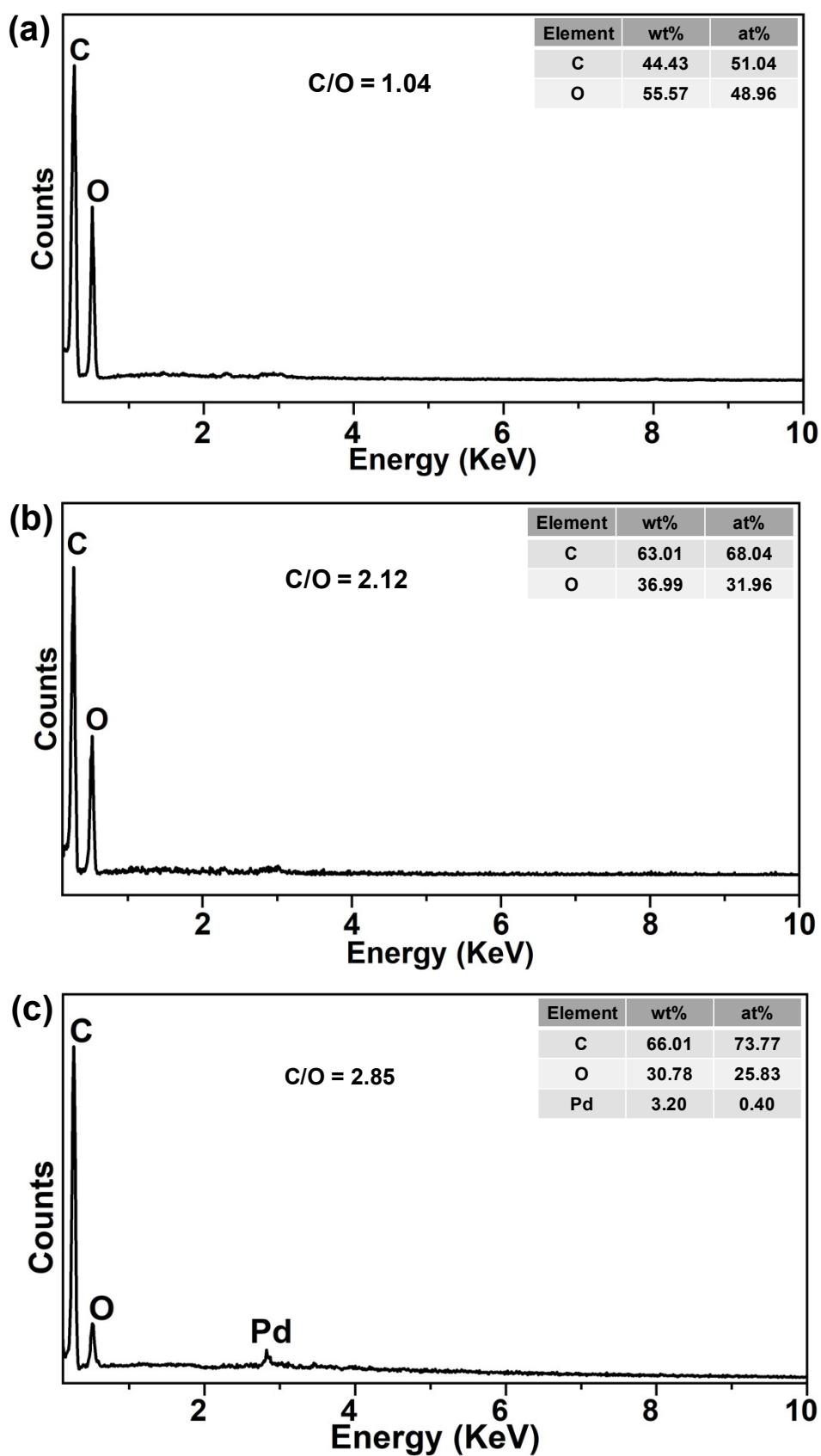


Figure S2. EDX spectra of (a) HGO, (b) conventional GO, and (c) Pd-rGO nanocomposite.

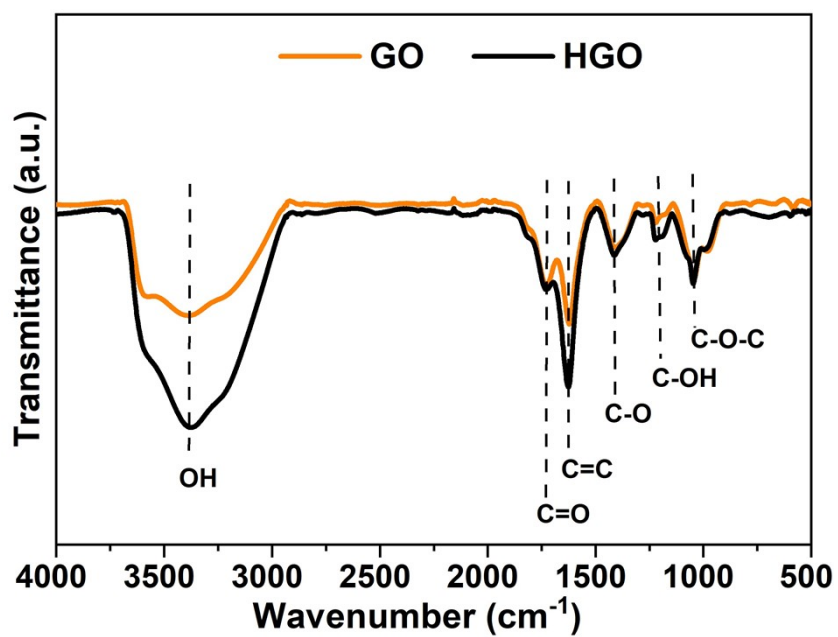


Figure S3. FTIR spectra of GO and HGO.