

Uracil-Mediated Supramolecular Assembly for C-Enriched Porous Carbon Nitride with Enhanced Photocatalytic Hydrogen Evolution

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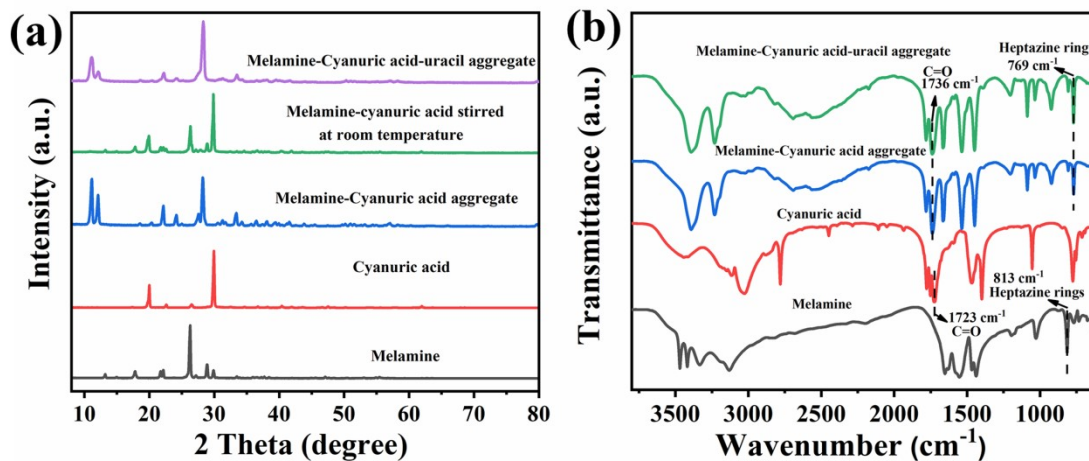


Figure S1. (a) XRD patterns and (b) FT-IR spectra of melamine, cyanuric acid, melamine-cyanuric acid aggregate (MCA precursor), melamine-cyanuric acid mixture obtained at room temperature, and melamine-cyanuric acid-uracil aggregate (MCA-U2 precursor).

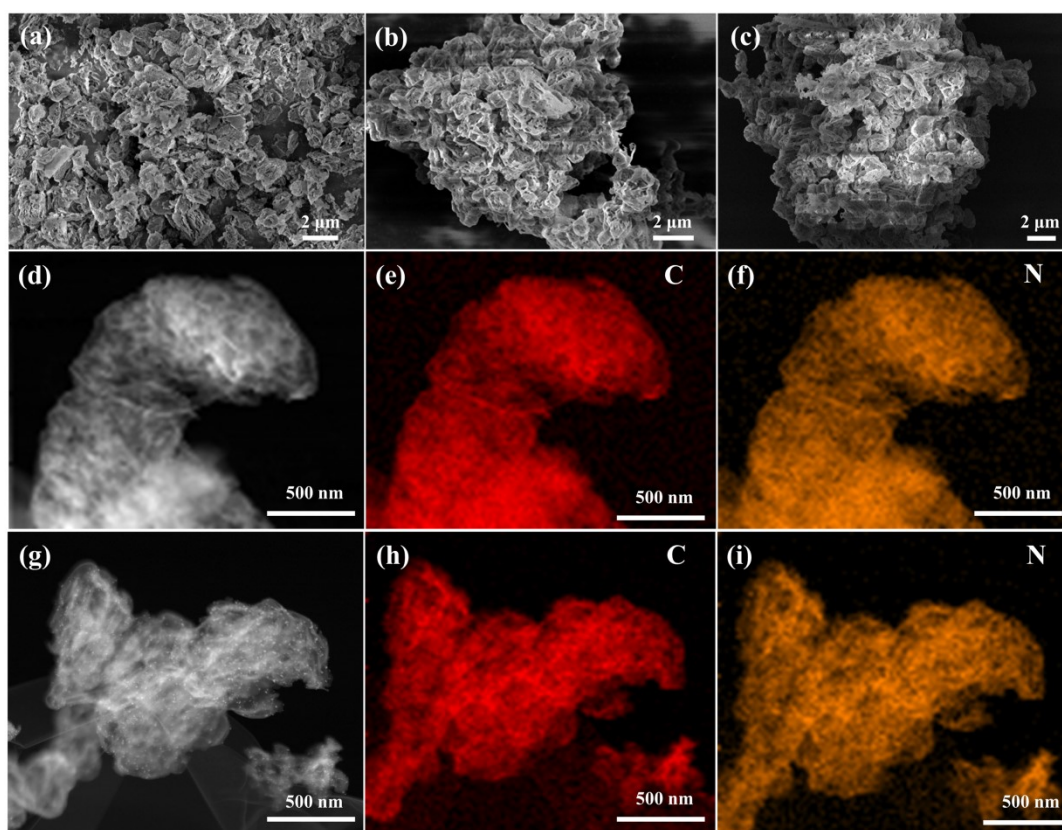


Figure S2. SEM images of the (a) MCA-U1, (b) MCA-U2, and (c) MCA-U3. EDS elemental mappings of MCA-U1 (d-f) and MCA-U3 (g-i).

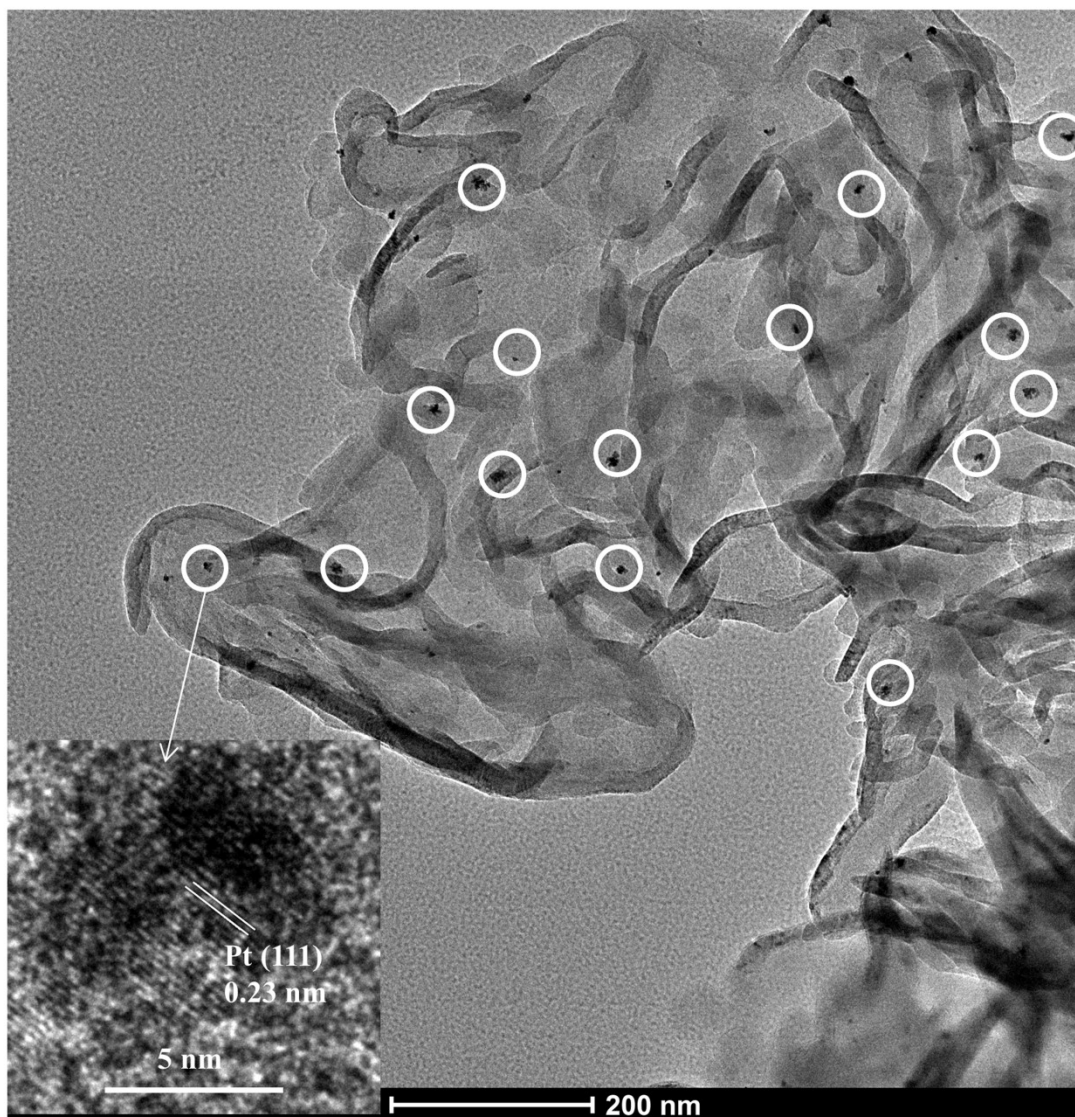


Figure S3. TEM images of Pt/MCA-U2 (inset: Pt nanoparticles with a lattice spacing of 0.23 nm).