

Preparation of Various Nanomaterials via Controlled Gelation of a Hydrophilic Polymer Bearing Metal-Coordination Units with Metal Ions

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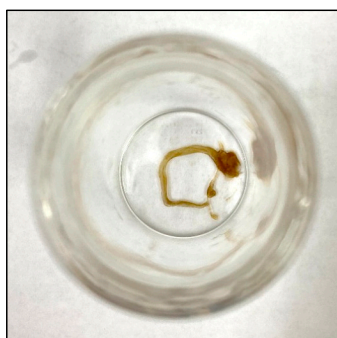
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(a) rt



(b) 80 °C



(c) pH 12



Figure S1. Stability of HPMC-10-Au

(a) rt



(b) 100 °C



(c) pH 12

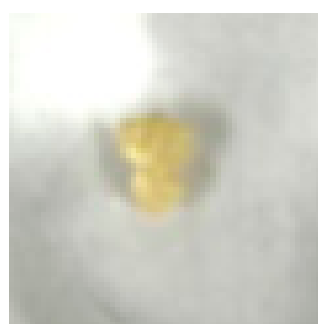


Figure S2. Stability of HPMC-34-Au

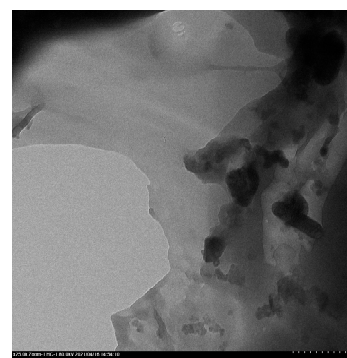
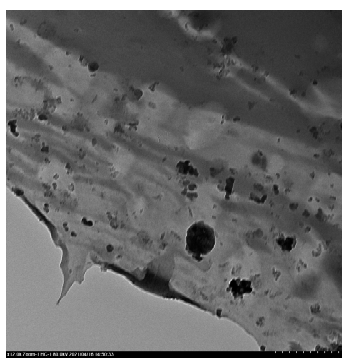
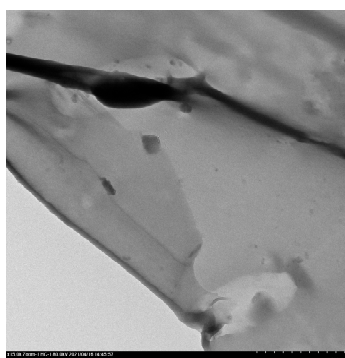


Figure S3. TEM images of HPMC-34-Au nanosheet.

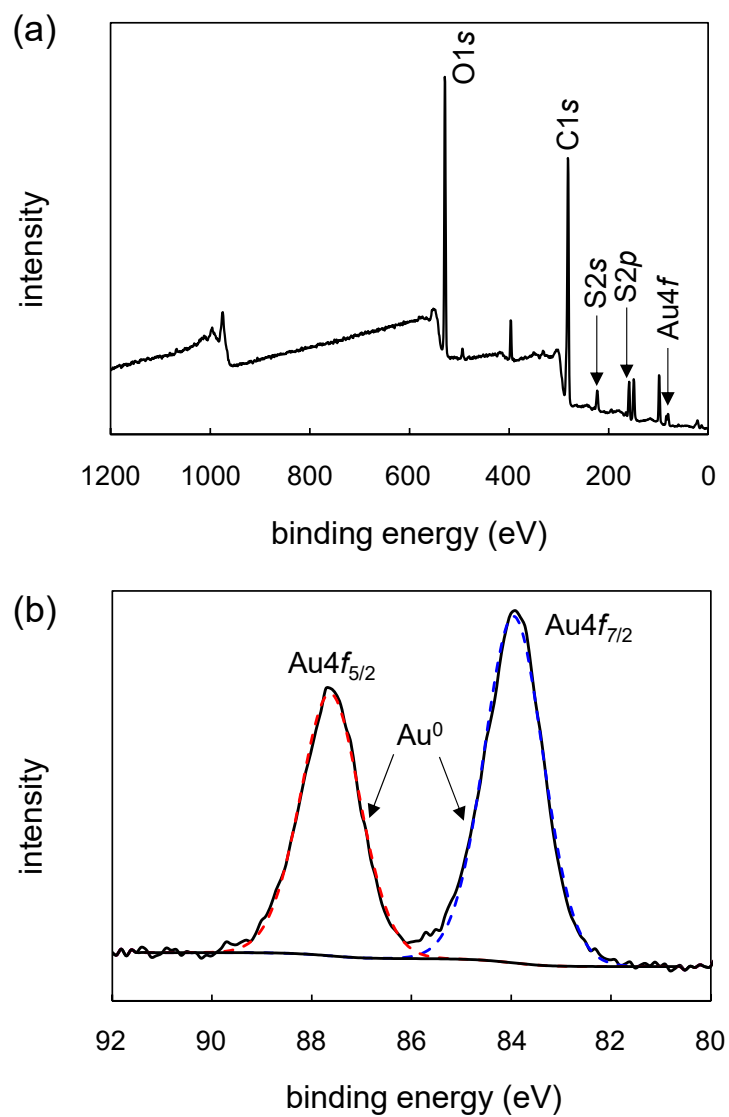


Figure S4. XPS spectra of Au⁰ nanosheet : (a) wide-scan spectrum and (b) narrow-scan spectrum.

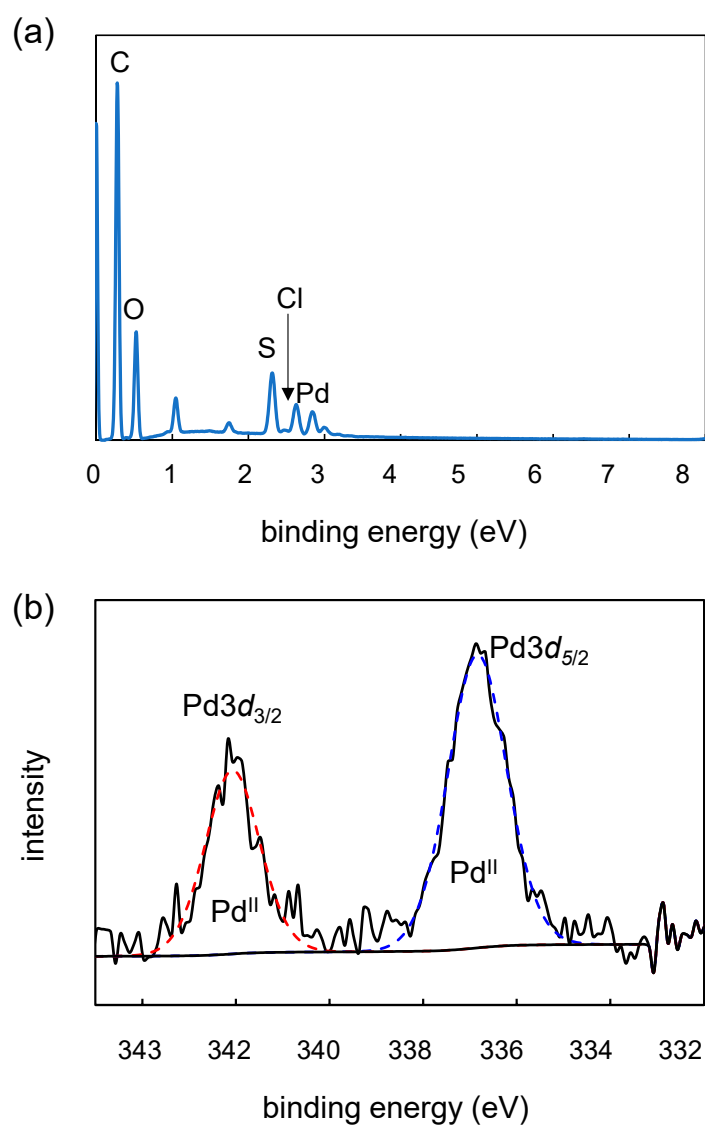


Figure S5. (a) EDX spectrum of Pd^{II} nanofiber. (b) XPS narrow-scan spectrum of Pd^{II} nanofiber.