Supporting information



Figure S1. EDS spectra of 1 wt% Pt-10 wt% Mo/C from Na2MoO4 before (a) and after (b) thermal treatment at 400 °C in N2.



Figure S2. TEM image collected on the Pt-Mo(NH₄)_400N sample and corresponding EDS map of the same region showing the relative location of Pt, Mo, C and O. Instrumental magnification: 20000×.



Figure S3. Complete XPS high-resolution spectra of the catalysts



Figure S4. XRD of heat treated Pt-Mo supported on carbon catalyst.