

Supporting information

Selective hydrogenation of levulinic acid to valeric acid and valeric biofuels by Pt/HMFI catalyst

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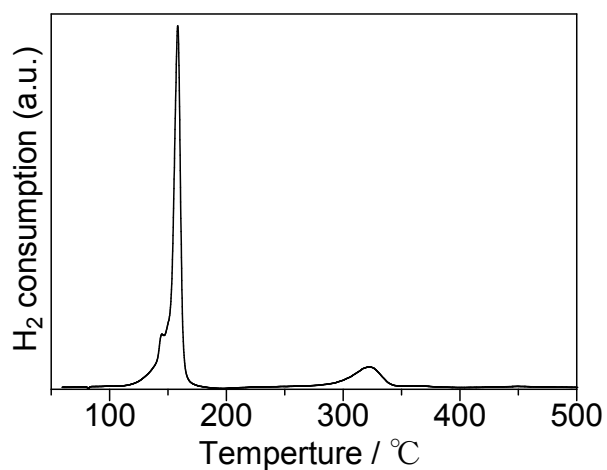


Fig. S1 H₂-TPR profile of unreduced precursor of Pt/HMFI.

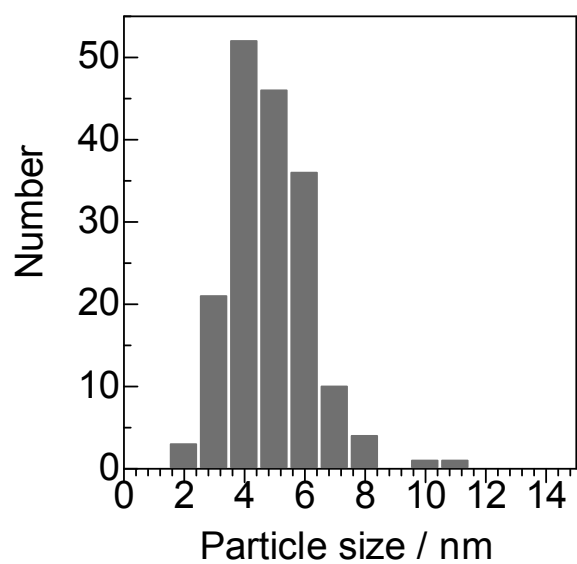
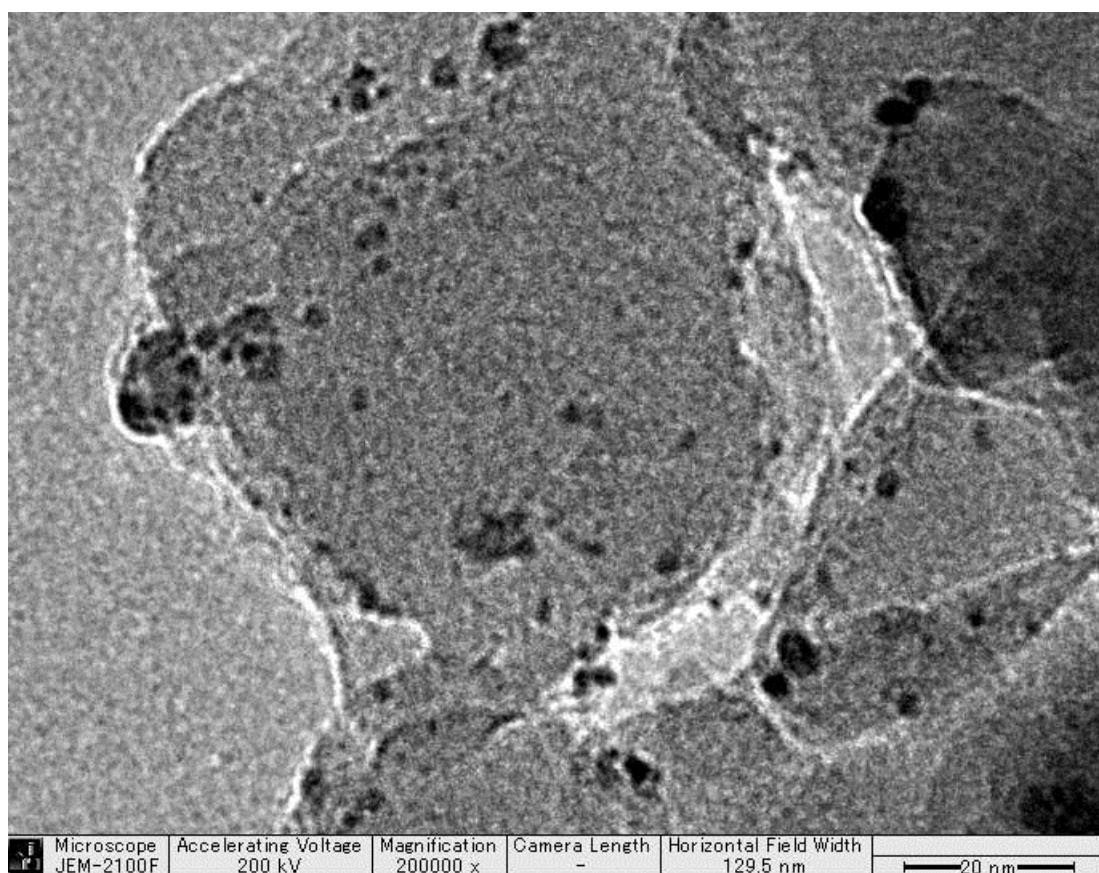


Fig. S2 A typical TEM image of Pt/HMFI and Pt particle size distribution in Pt/HMFI (TEM analysis). Average size is 4.9 ± 1.4 nm.

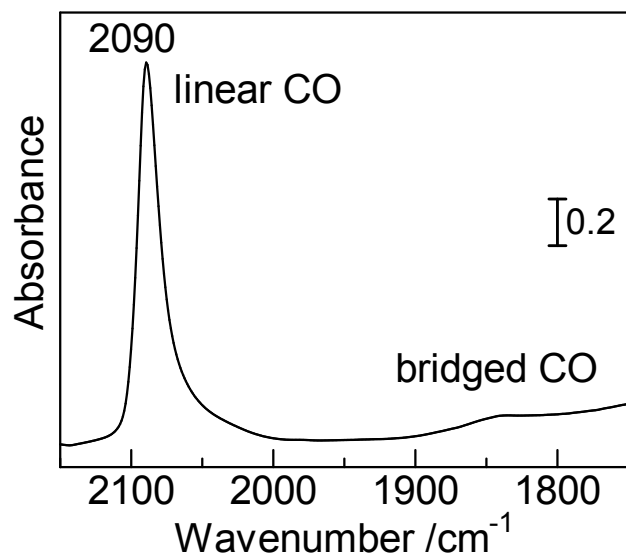


Fig. S3 IR spectrum of CO adsorbed on Pt/HMFI at 40 °C.