Electronic Supplementary Material for PCCP

Supplemental data

Au-Pd supported nanocrystals prepared by a sol immobilisation technique as catalysts for selective chemical synthesis

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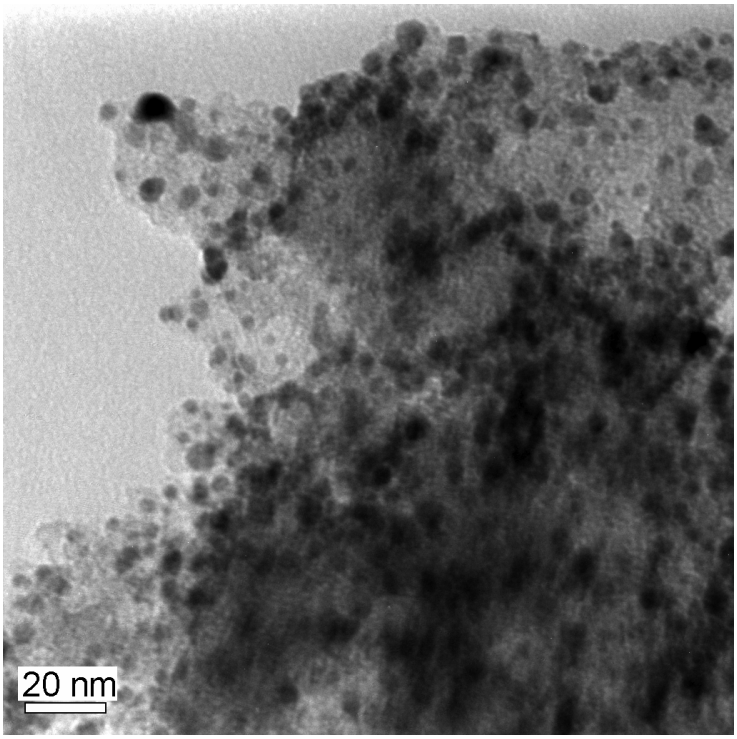
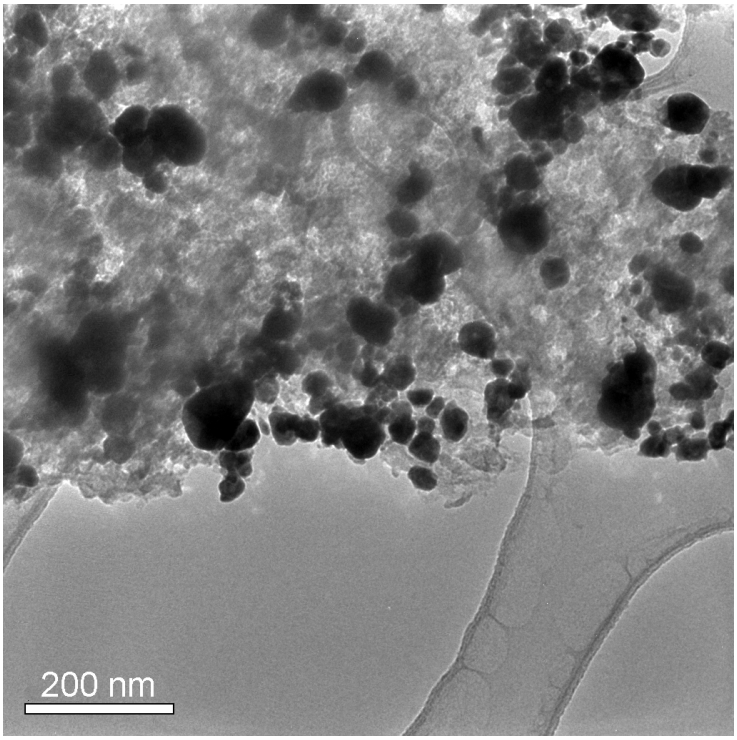
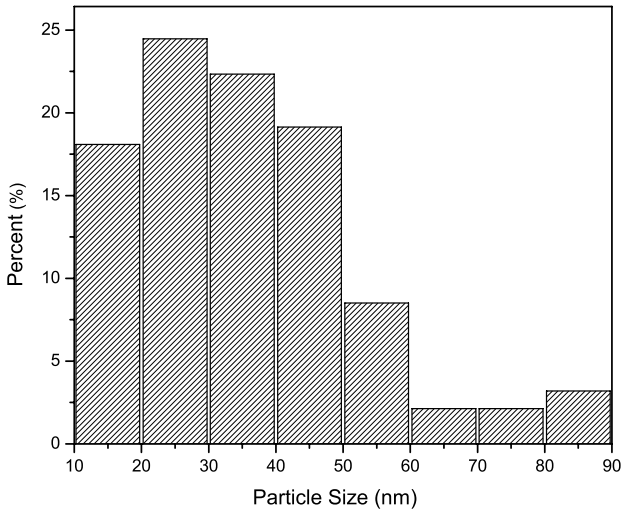


Supplementary Figure S1

Bright field micrograph of the sol-immobilized AuPd/C sample after use as a catalyst. There is no significant change in the Au-Pd particle size distribution from the corresponding unused sample.





Supplementary Figure S2

Bright field micrograph and corresponding histogram of the particle size distribution of the AuPd/C sol-immobilized sample after calcination at 400^{o}C. Considerable sintering and growth of the Au-Pd nanoparticles has occurred presumably because of disruption of the protective ligand shell at elevated temperatures