

Electronic Supplementary Material

Synthesis of Pd Nanocrystals Enclosed by {100} Facets and With Sizes <10 nm for Application in CO Oxidation

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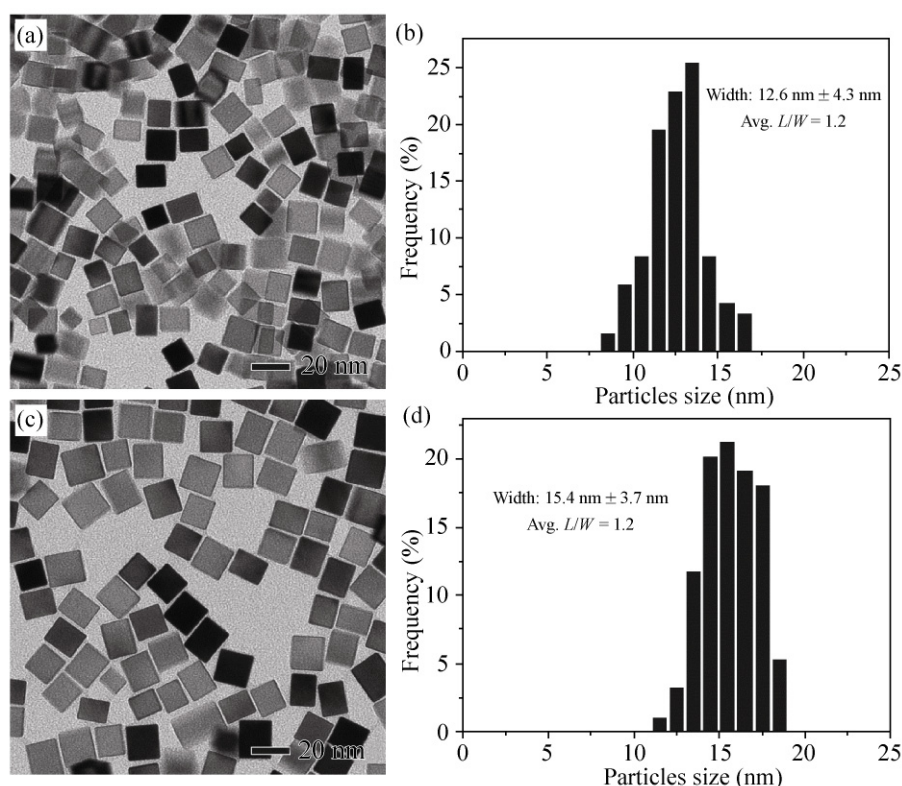


Figure S-1 TEM images of samples prepared in aqueous solutions containing 57 mg of Na_2PdCl_4 , 105 mg of PVP, 60 mg of ascorbic acid, and (a) 400 mg of KBr and (c) 500 mg of KBr. (b, d) The corresponding histograms of the particle size distribution

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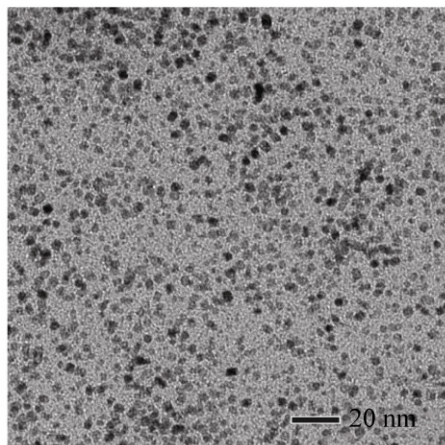


Figure S-2 TEM image of Pd nanocrystals that were obtained by adding only 5 mg of KBr to an aqueous solution containing 57 mg of Na_2PdCl_4 , 105 mg of PVP, and 60 mg of ascorbic acid. The sample is dominated by irregularly shaped particles

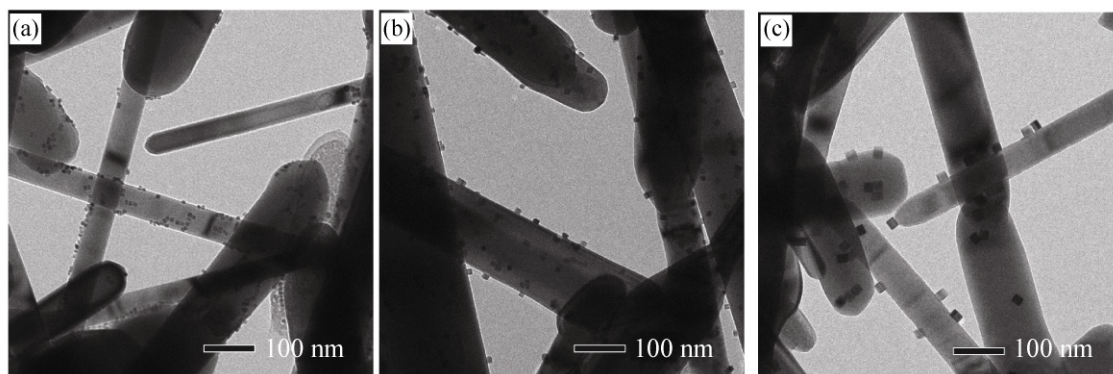


Figure S-3 TEM images of the Pd/ZnO nanowire catalysts: (a) 6-nm Pd cubes/bars, (b) 10-nm Pd cubes/bars, and (c) 18-nm Pd cubes/bars