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Supplementary information

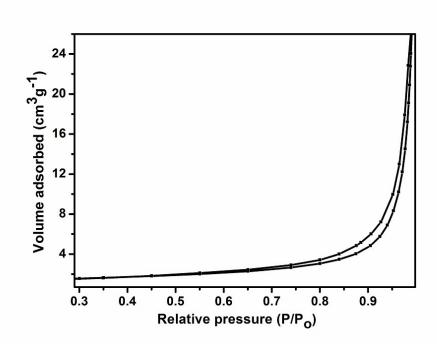
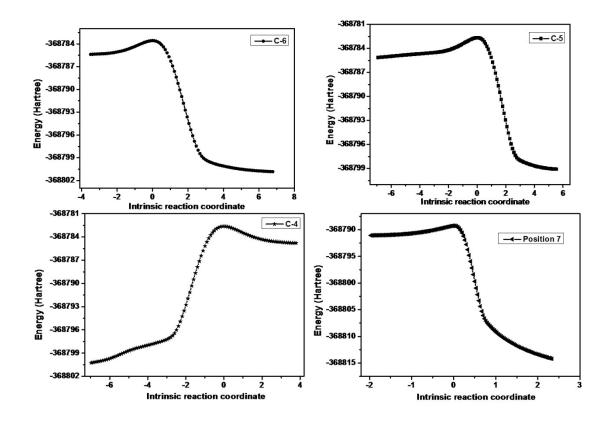


Figure S1. Nitrogen adsorption-desorption isotherms of Pd-ZnO-EG sample.



a)

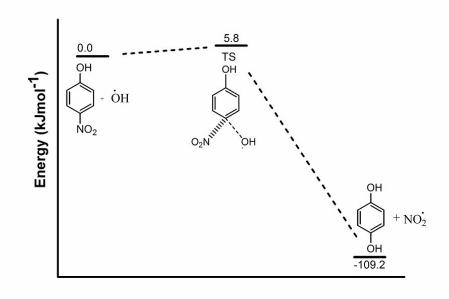
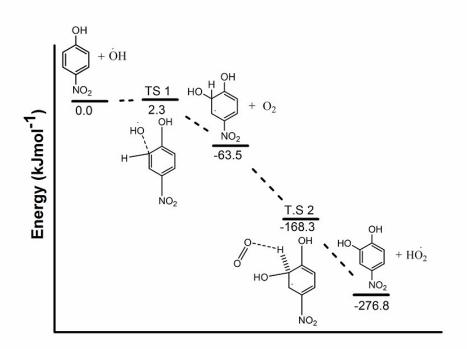
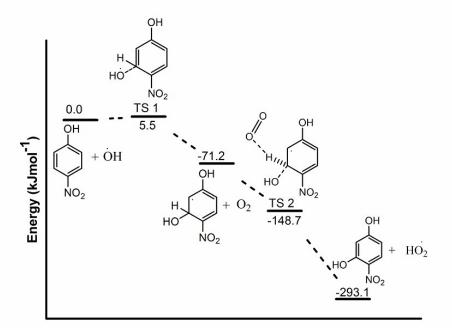


Figure S2. (a) Various reaction coordinates for the hydroxyl attacks on the various positions of the 4-nitrophenol. (b) Energy profile diagram for the nitrophenol degradation pathways leading to the formation hydroquinone from the hydroxyl attack on position 4.



a)



b)

