Supplementary Materials:

"Storage-discharge" ethanol cold plasma for synthesizing high performance Pd/Al_2O_3 catalysts

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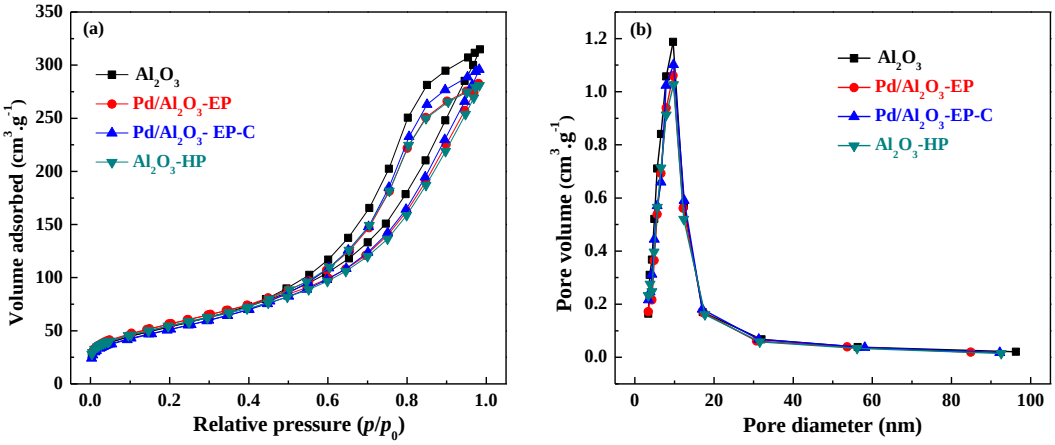

Figure S1: N_2 sorption isotherms (a) and pore size distributions (b) of Pd/Al_2O_3-EP, Pd/Al_2O_3-EP-C, Pd/Al_2O_3-HP, and the Al_2O_3 support.

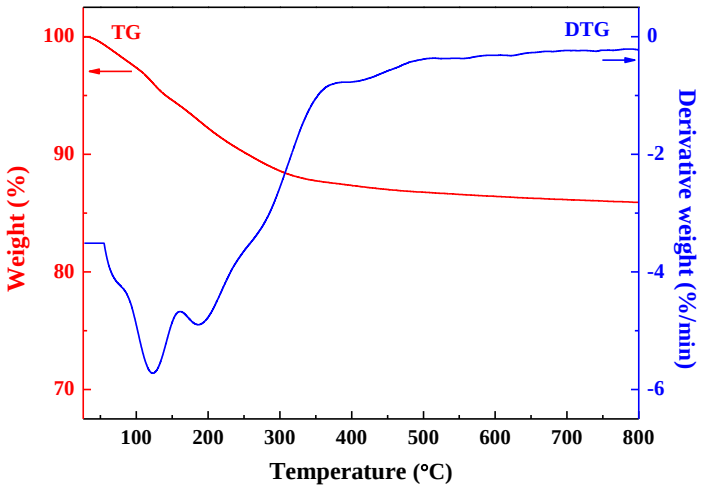

Figure S2: The TG and DTG curves of the Pd/Al_2O_3-EP catalyst in Ar atmosphere at a heating rate of 10 °C·min^{-1}.