

Support information

Label A:

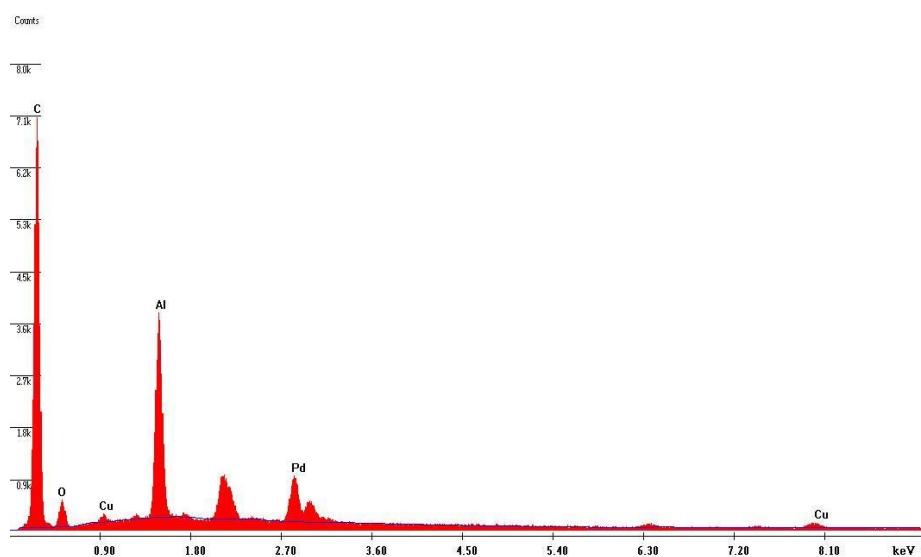


Figure S1 EDX pattern of Pd-Cu/ MWCNTs.

Label A:

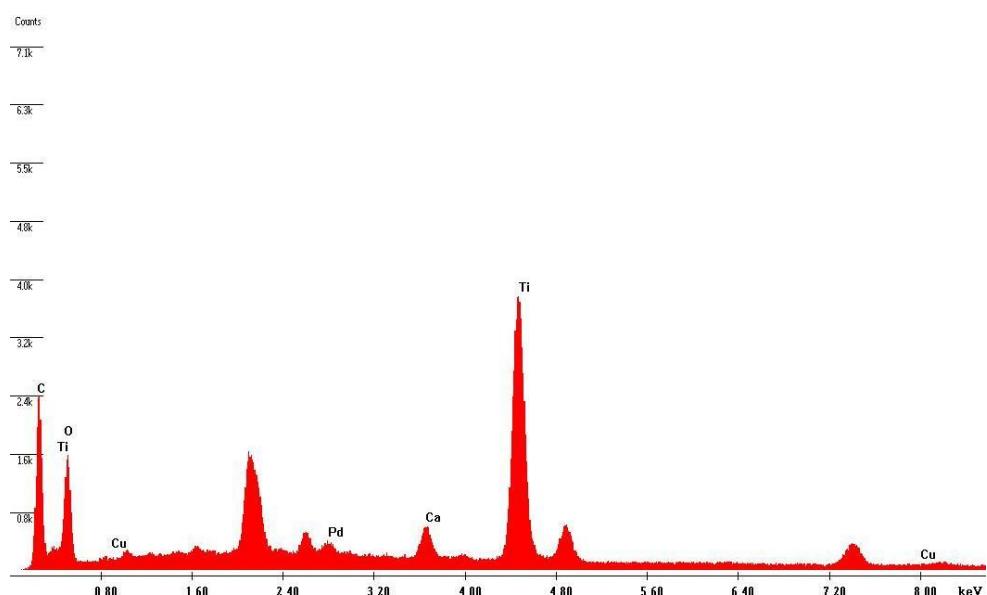


Figure S2 EDX pattern of Pd-Cu/TiO₂.

Label A:

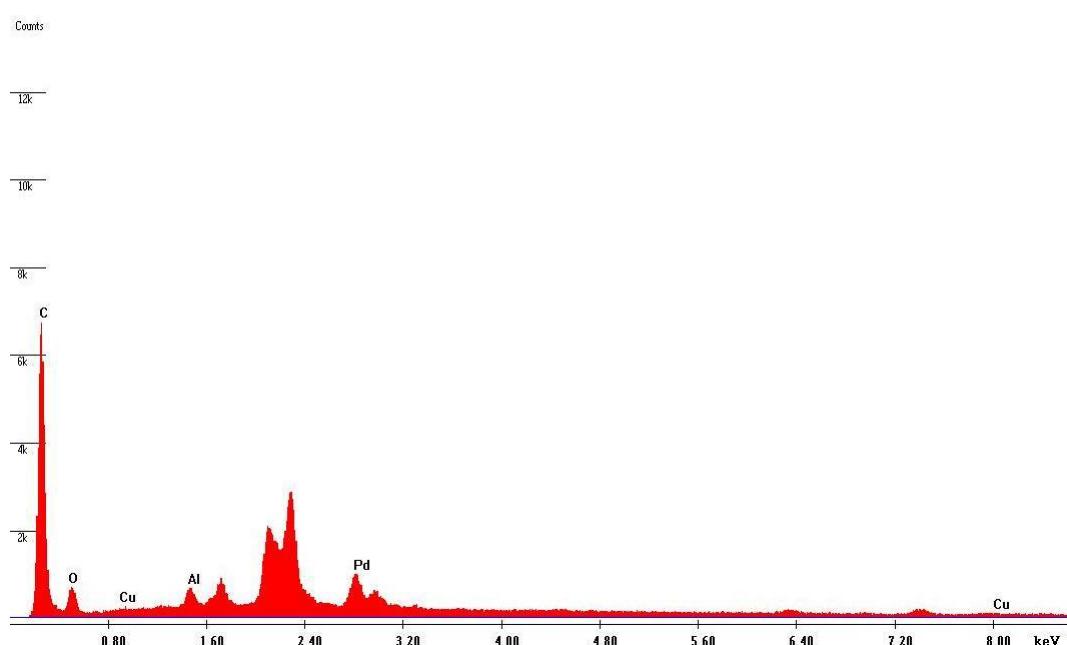


Figure S3 EDX pattern of Pd-Cu/AC.



Figure S4 EDX elemental mappings of Pd-Cu nanoparticles on MWCNTs.

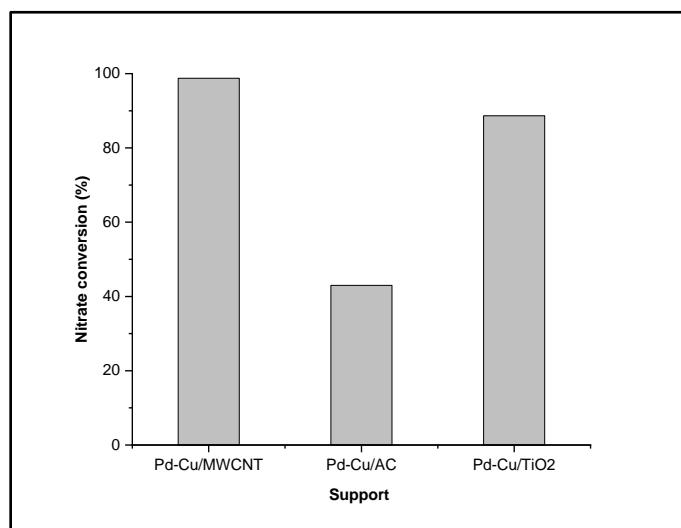


Figure S5 Nitrate conversion (%) after 2 h of catalytic reduction using different supports
($C_{NO_3^-} = 30 \text{ ppm}$, $C_{\text{catalyst}} = 0.5 \text{ g/L}$, $pH = 7$)