# Supporting information

The charge distribution of atoms on styrene has been calculated by the density functional theory (DFT) method at the B3LYP/ (6-311G (d) level using Gaussian 09 program. The calculated results were as follows:

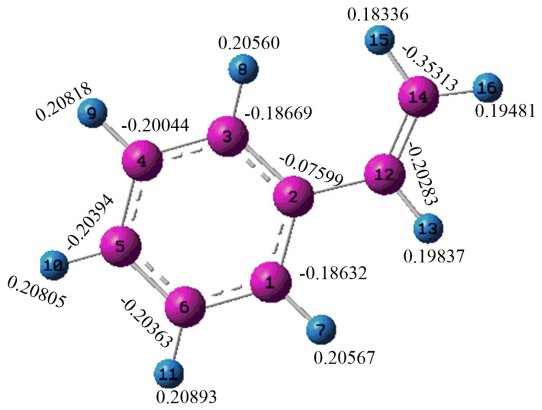


Figure S1 The calculated distribution of NBO charge for styrene

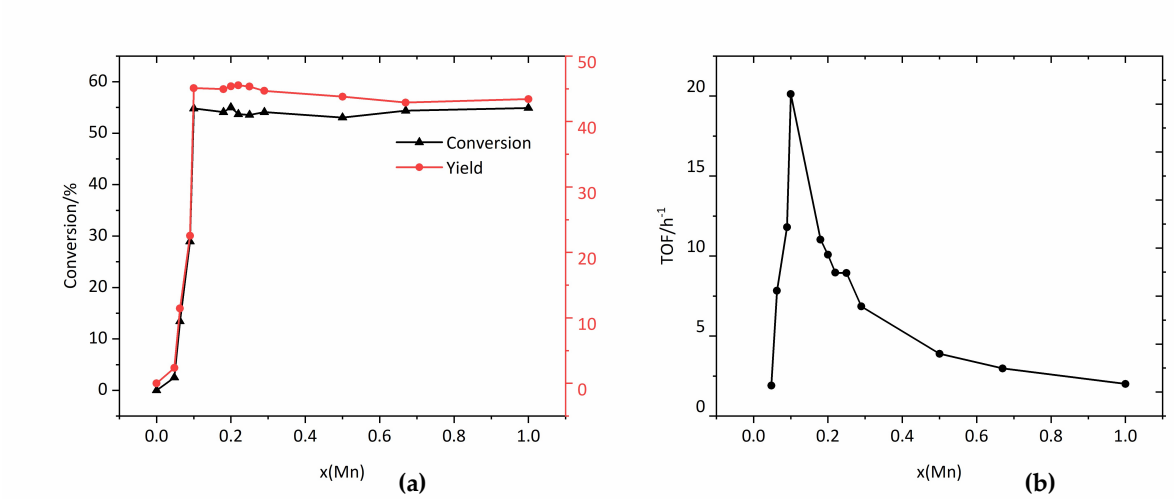


Figure S2. (**a**) Plots of conversion of styrene and the yield of styrene oxide versus a series of $Mn_xCu_y$-MOFs, 3h. (**b**) The TOF per Mn site with different mole ratio of Mn, 3h.