

Supporting information

Synthesis, characterization and application of Cu₂O and NiO nanoparticles supported onto natural nanozeolite clinoptilolite as heterogeneous catalyst for the synthesis of pyrano[3,2-*b*]pyrans and pyrano[3,2-*c*]pyridones

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The N₂ adsorption-desorption isotherms for nano CP, AT-Nano CP, nano Cu₂O-CP and nano NiO-CP

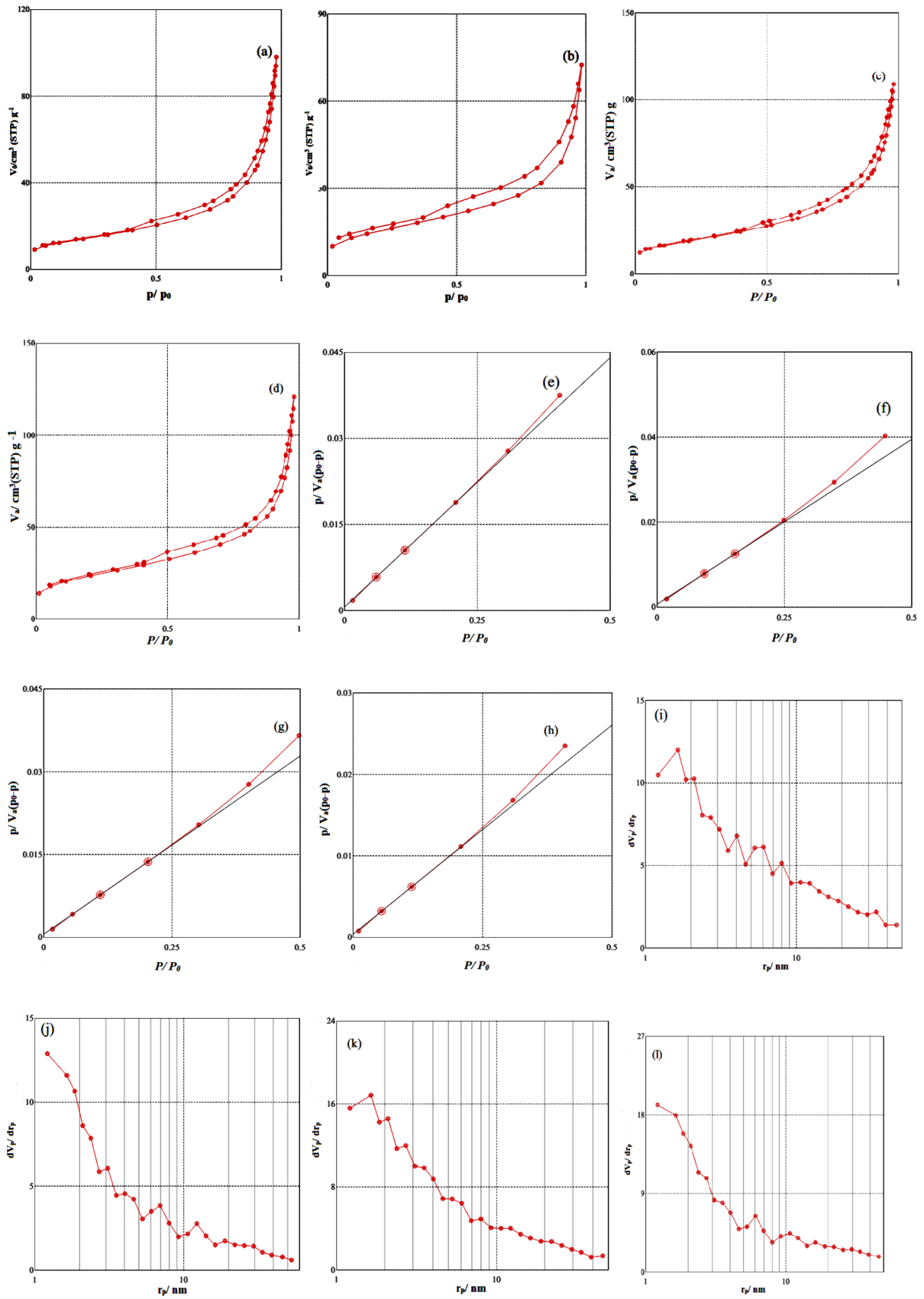


Fig 2. N_2 adsorption/desorption isotherms of (a) Nano CP, (b) AT-Nano CP, (c) Nano Cu_2O -CP and (d) Nano NiO-CP. BET pore size distribution curves of (e) Nano CP, (f) AT-Nano CP, (g) Nano Cu_2O -CP and (h) Nano NiO-CP. BJH pore size distribution curves of (i) Nano CP, (j) AT-Nano CP, (k) Nano Cu_2O -CP and (l) Nano NiO-CP