

Supercritical Hydrothermal Synthesis of Submicron Copper(II) Oxide: Effect of Reaction Conditions

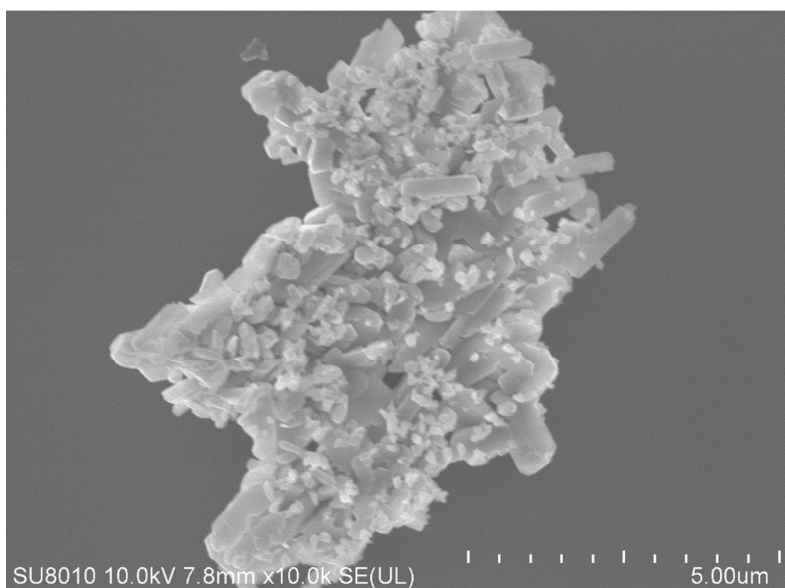


Fig. S1. FESEM picture of products without base at 400°C and 30MPa (corresponding to expt No.

1)

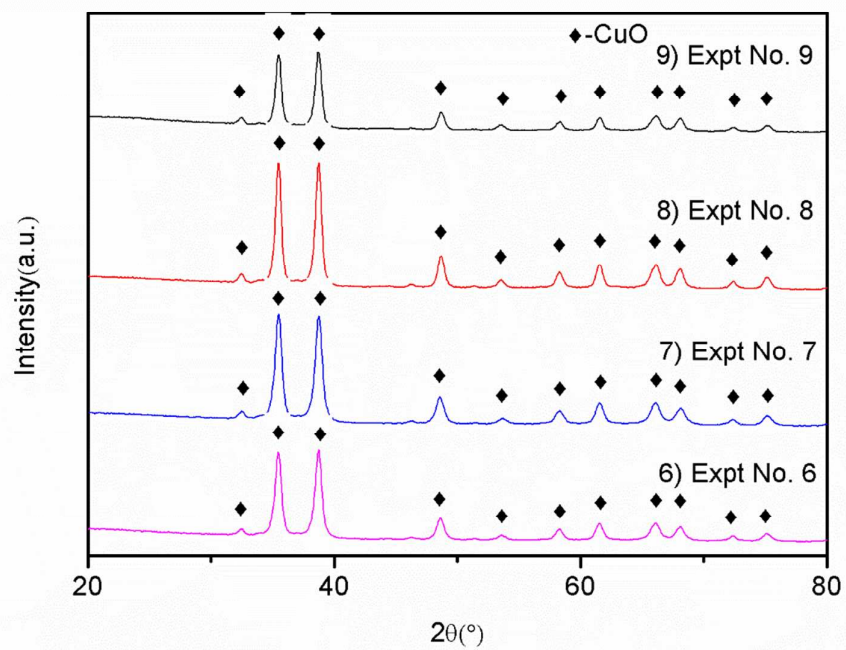


Fig. S2. The XRD results with different reaction temperatures 6) 250 °C; 7) 300 °C; 8) 350 °C; 9) 450 °C at 30 MPa

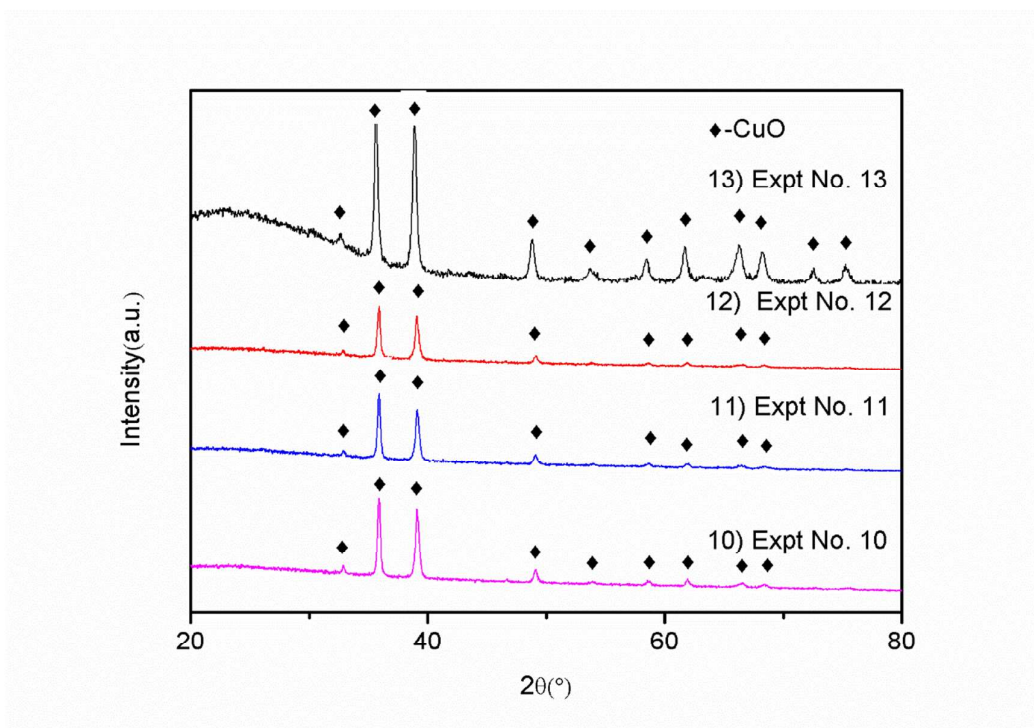


Figure S3. XRD patterns of products with different reaction pressure 10) 22 MPa; 11) 24 MPa; 12) 26 MPa; 13) 28 MPa

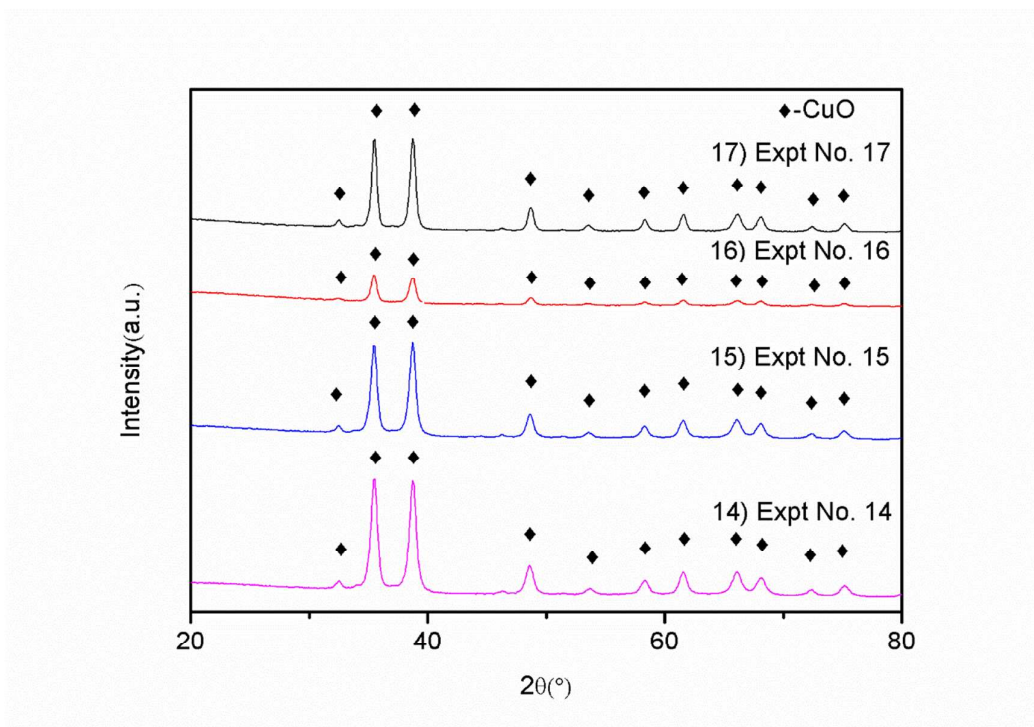


Figure S4. The XRD results for different precursor concentrations 14) 0.01 mol/L; 15) 0.02 mol/L;

16) 0.05 mol/L; 17) 0.2 mol/L at 400°C and 30MPa