

## Supplementary materials

### 1. Selected TEM images of studied samples

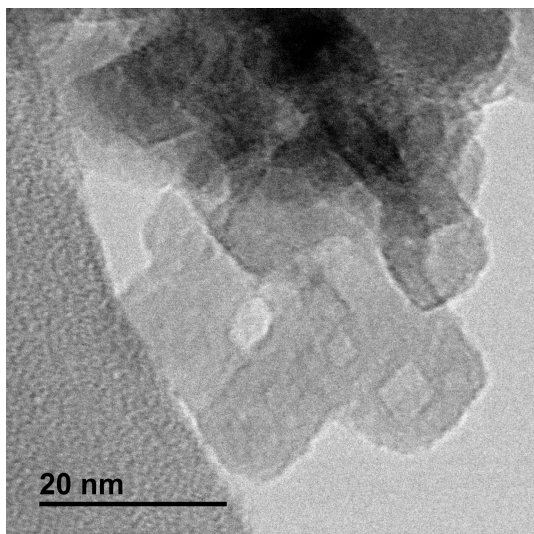


Figure S1. TEM images of RT-500

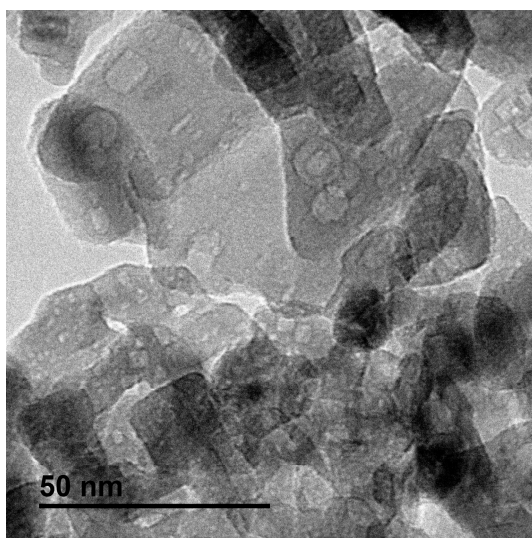


Figure S2. TEM images of RT-Cu(OAc)<sub>2</sub>

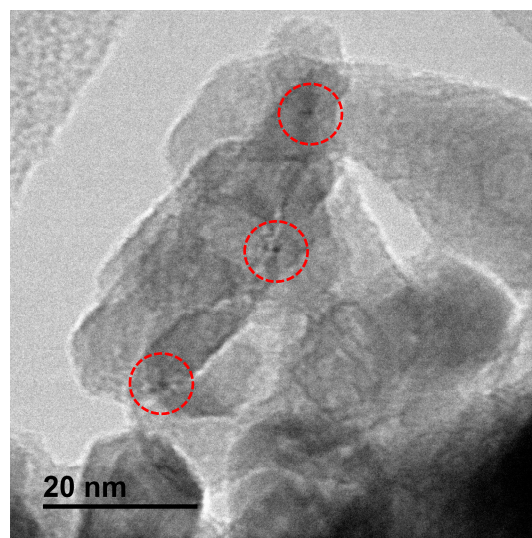
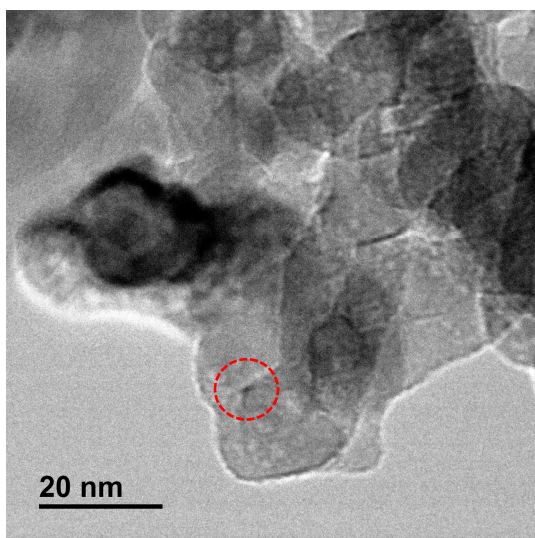


Figure S3. TEM images of RT-CuSO<sub>4</sub>

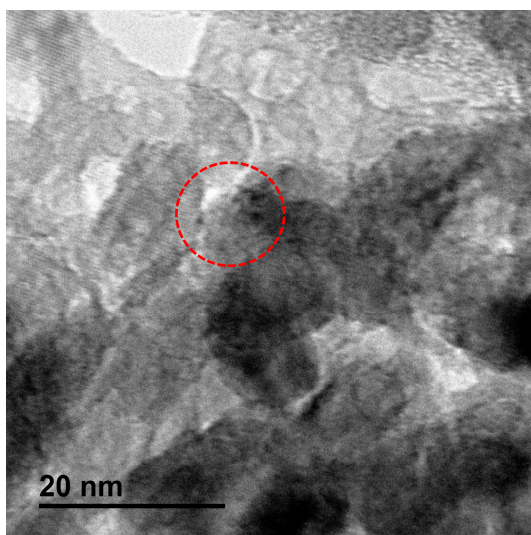


Figure S4. TEM image of RT-Cu(NO<sub>3</sub>)<sub>2</sub>

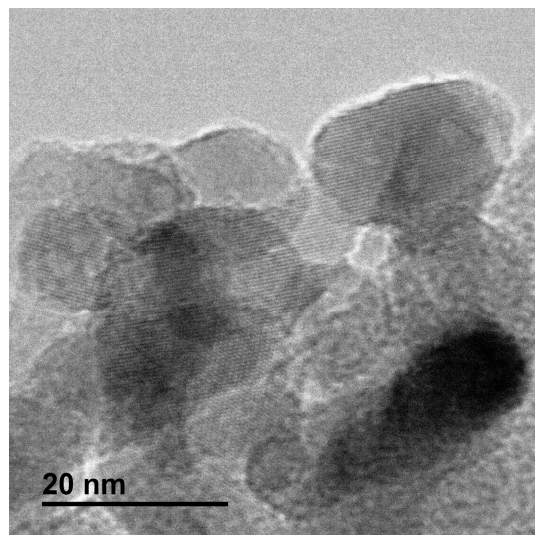
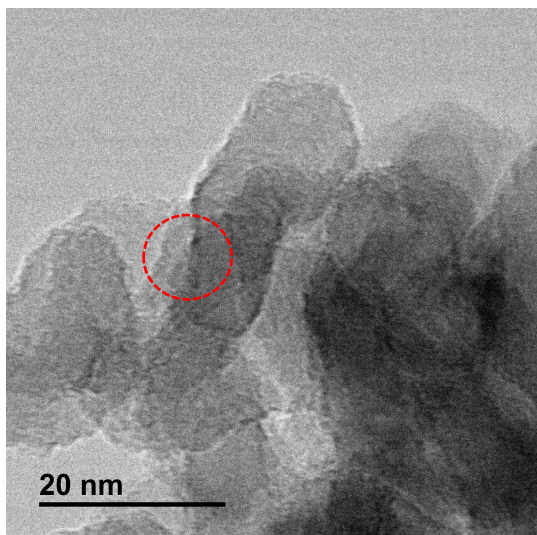


Figure S5. TEM images of T-Cu(OAc)<sub>2</sub>

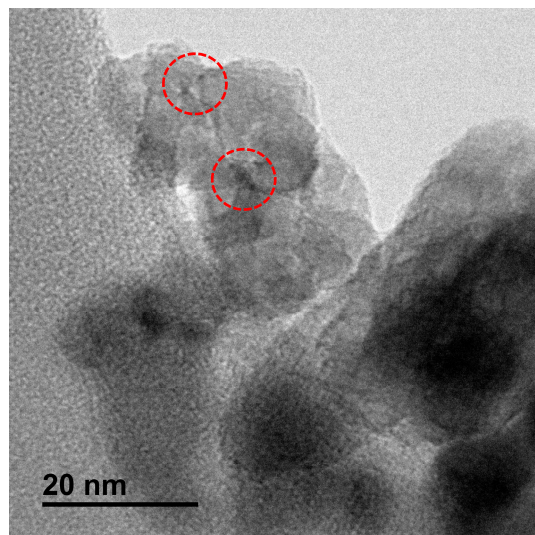
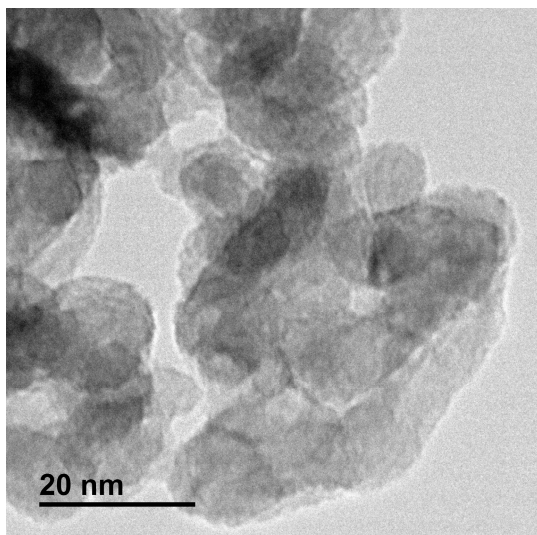


Figure S6. TEM images of T-Cu(NO<sub>3</sub>)<sub>2</sub>

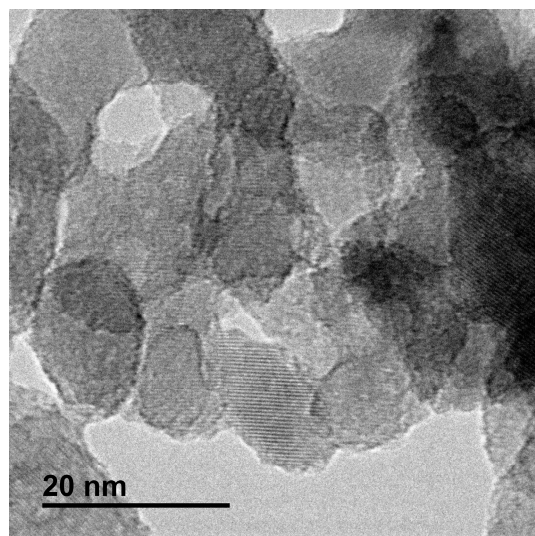
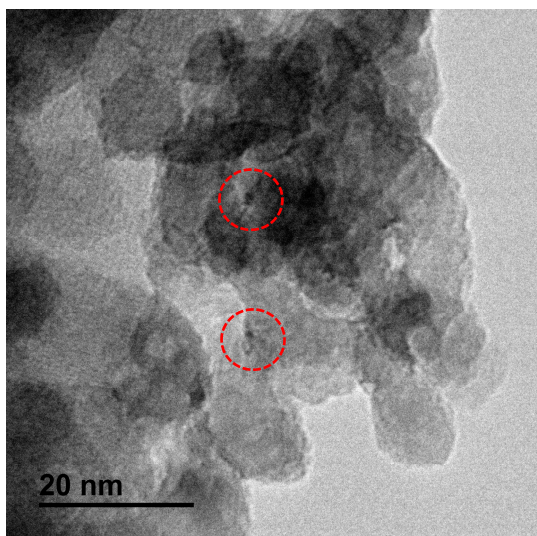


Figure S7. TEM images of T-CuSO<sub>4</sub>