

Figure S1: Nitrogen adsorption/desorption isotherm for the as-synthesized pyrite FeS₂ after solvothermal reaction at 180 °C for 18 h.

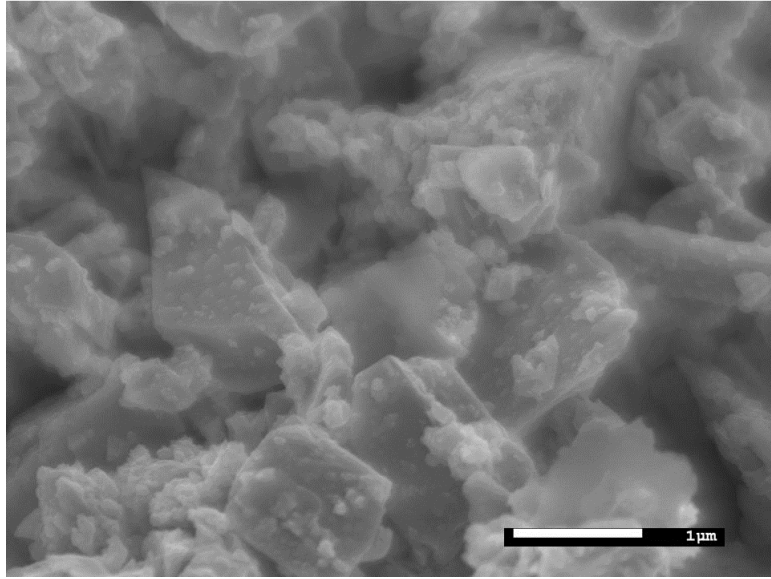


Figure S2: FESEM of the grinded commercial iron pyrite mineral.

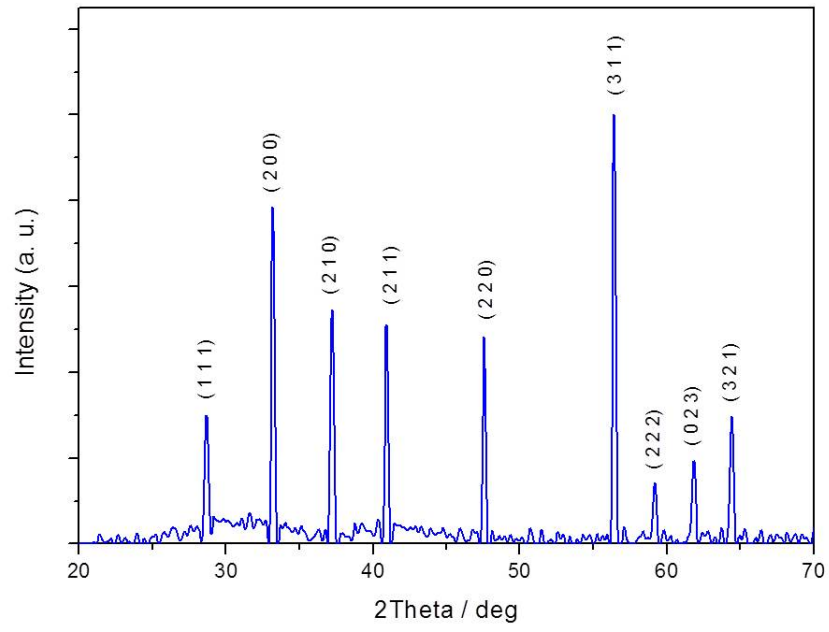


Figure S3: XRD pattern of the grinded commercial iron pyrite mineral.