Electronic Supplementary Material (ESI) for CrystEngComm.
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Co^{2+}/Ni^{2+} ions Mediated Topochemically Converted Copper Coordination Polymer Formation: Structure Dependent Electrocatalytic Activity

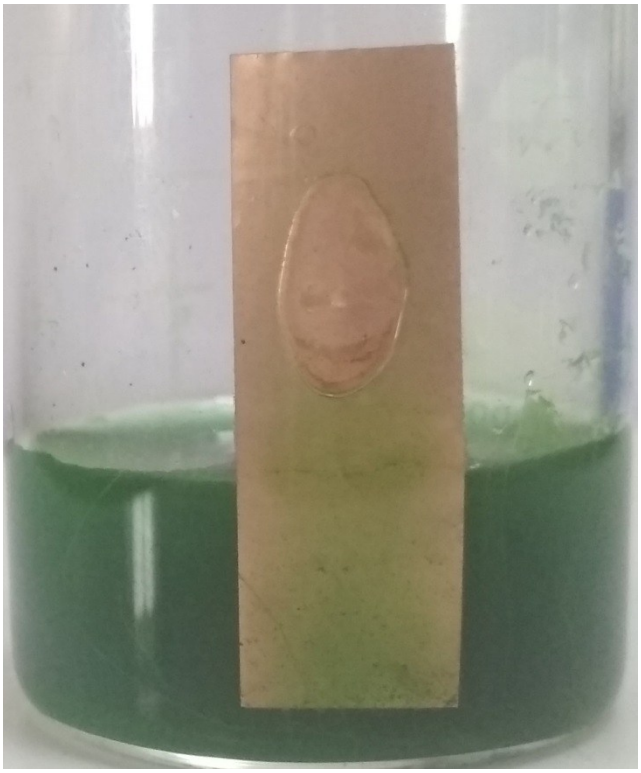

Figure S1. Digital image of copper acetate added HBA solution in presence of copper foil.

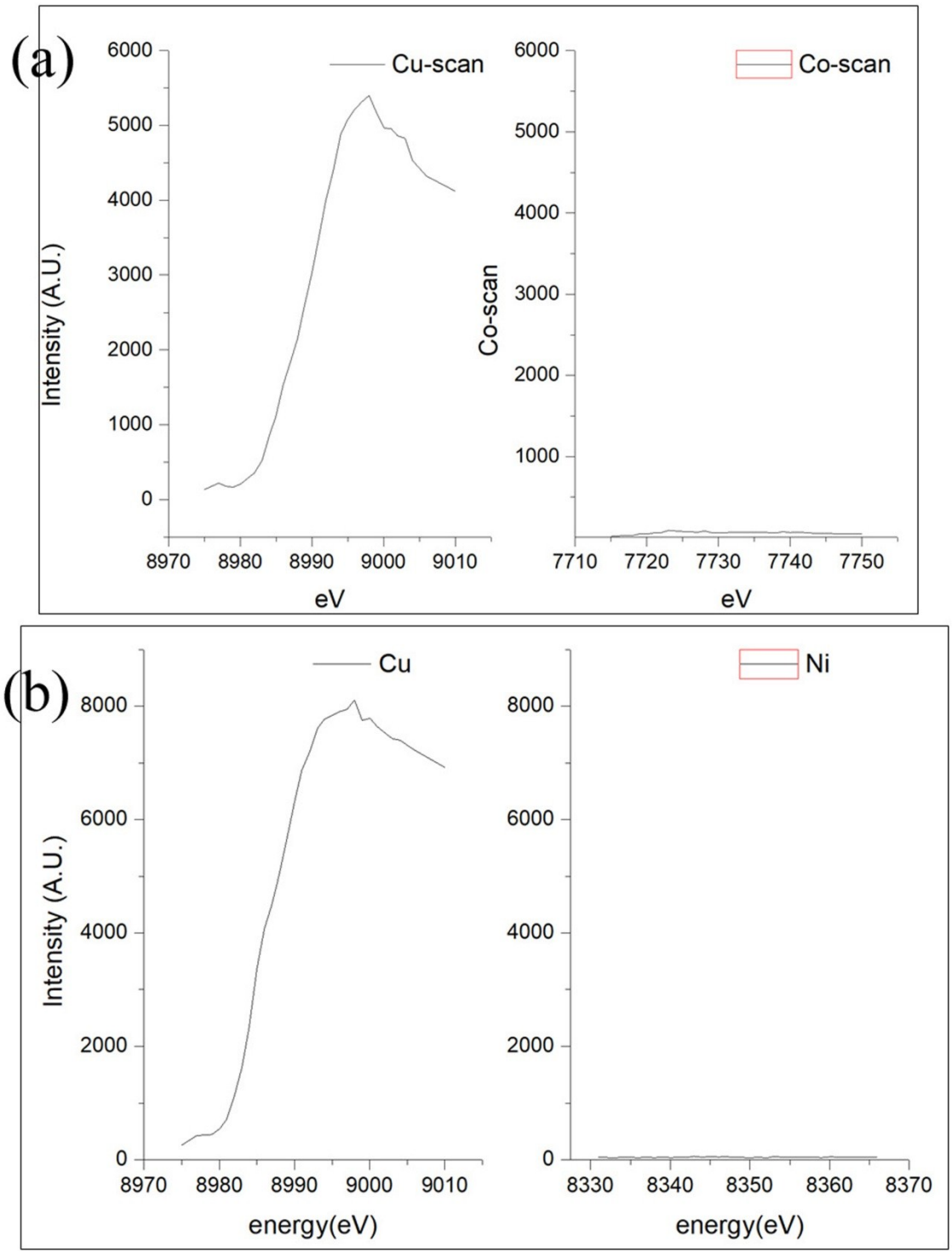

Figure S2. XANES spectra of (a) Cu and Co and (b) Cu and Ni. The absence of any detectable Co and Ni indicates that both Co/Ni has not been included in the crystal lattice of 1 and 2.

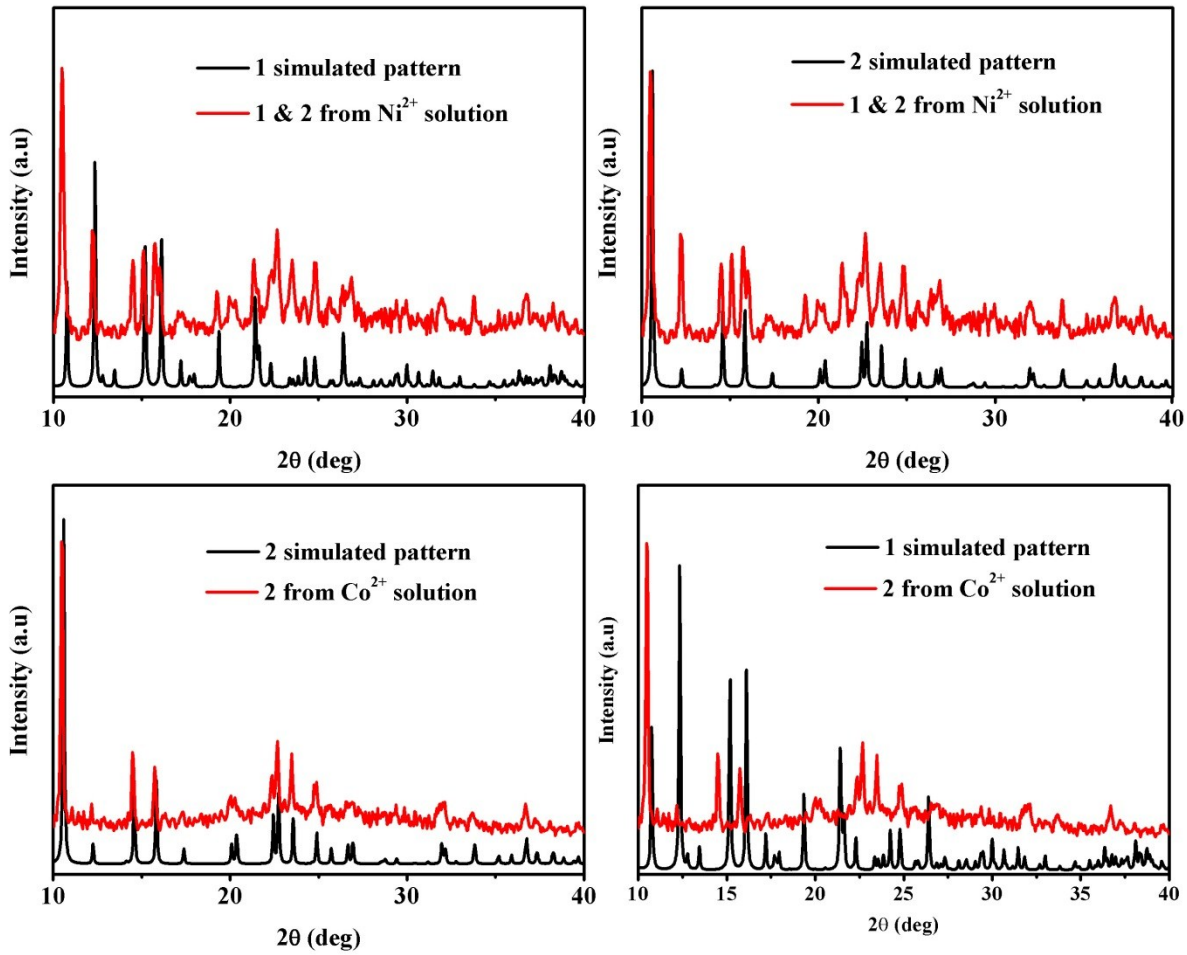

Figure S3. Comparison of simulated and experimental PXRD pattern.

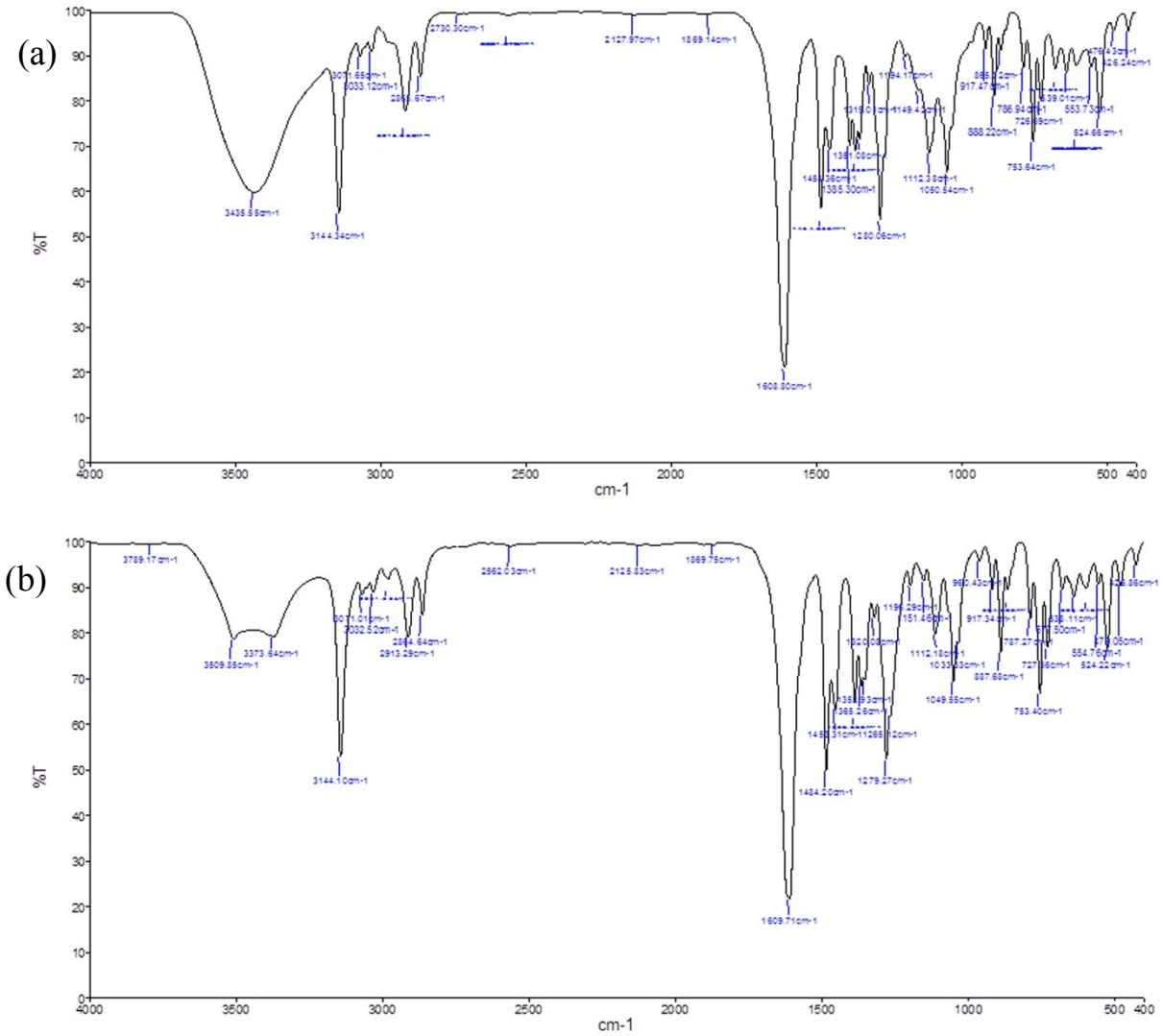

Figure S4. FTIR spectra of crystals grown from (a) Ni^{2+} solution and (b) Co^{2+} solution.

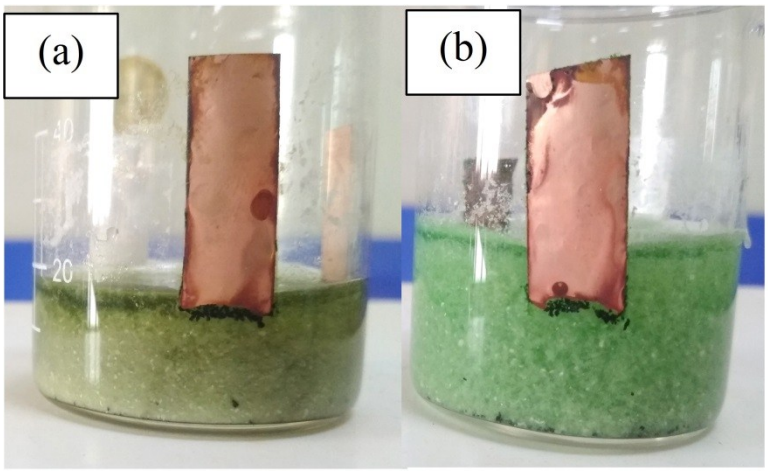

Figure S5. Crystals grown from (a) $CoCl_2$ and (b) $NiCl_2$ solution.

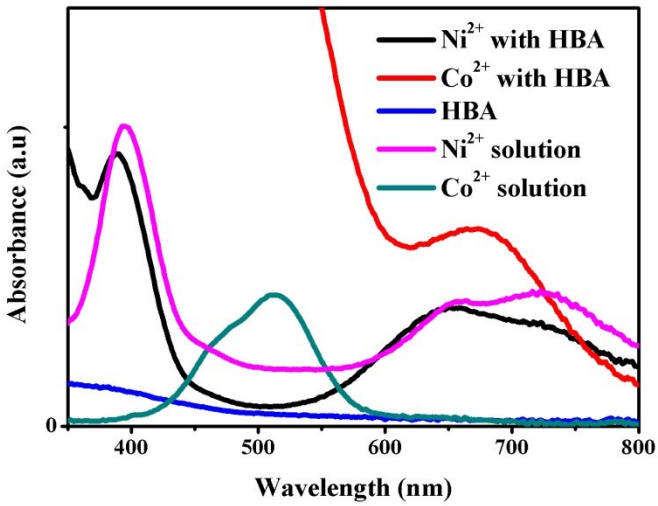

Figure S6. Absorption spectra of HBA and Co^{2+}/Ni^{2+} with and without HBA.

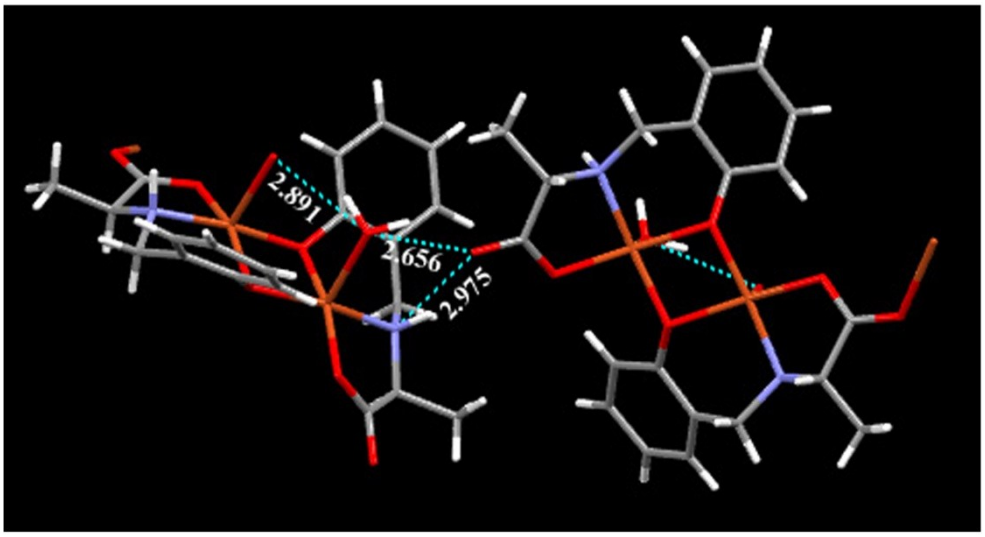

Figure S7. H-bonding in the crystal lattice of 1.