Integration of Ag/AgCl and Au Nanoparticles in Isostructural Porous Coordination Polymers of Ni(II), Co(II) and Mn(II): Magnetic Studies

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Supporting information

Table S1. Varying potential of supramolecular interactions in host PCPs.

Host PCPs	π-π bonding in cavity (Å)	Hydrogen bonding with anion (Å)	Metal to anion distance (Å)	Anion-π interaction (Å)
Ni-PCP	3.272–3.374	2.398–2.864	4.870	3.705
Co-PCP	3.172–3.325	2.426–2.930	4.908	3.748
Mn-PCP	3.505–3.618	2.480–2.888	4.992	3.838

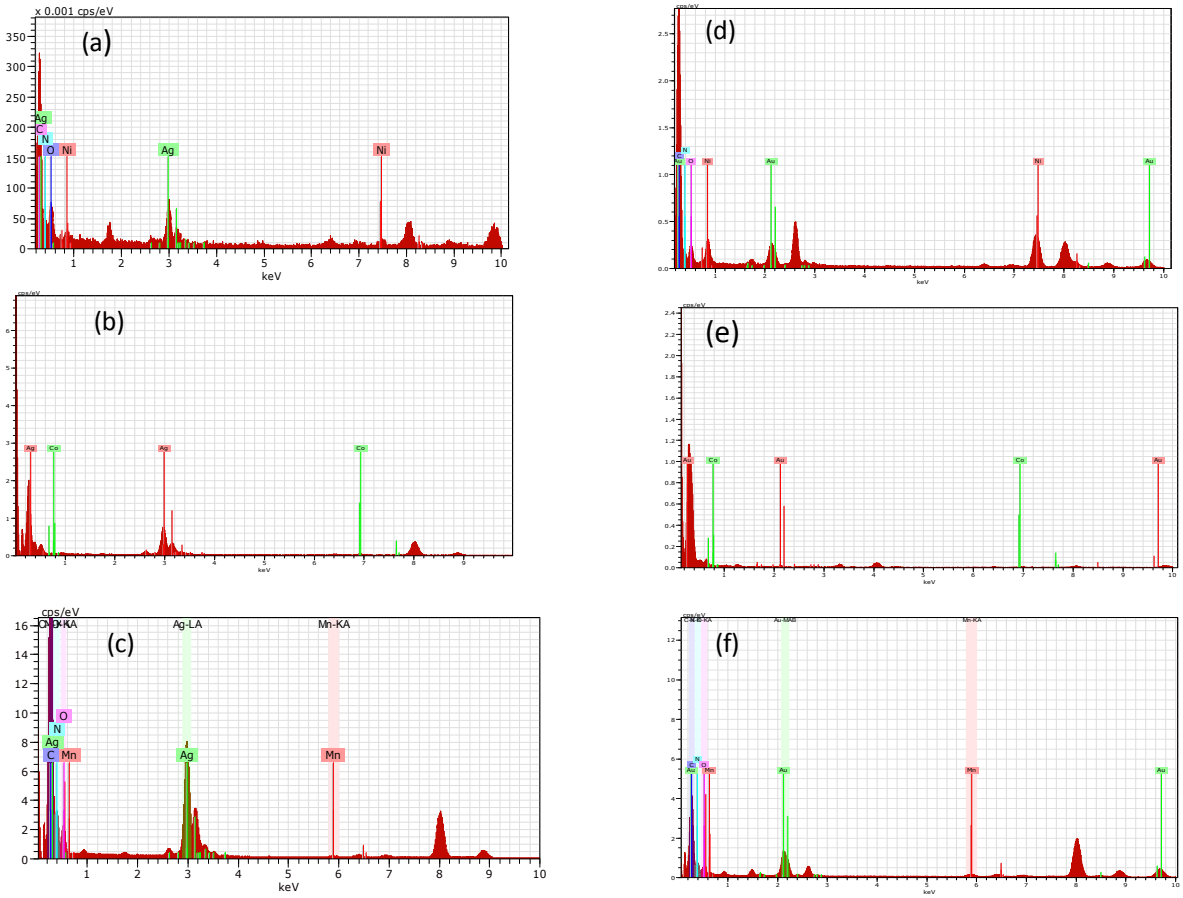

Fig. S1 EDS of (a) **Ag/AgCl@Ni-PCP**, (b) **Ag/AgCl@Co-PCP**, (c) **Ag/AgCl@Mn-PCP** (d) **Au@Ni-PCP**, (e) **Au@Co-PCP**, and (f) **Au@Mn-PCP**.

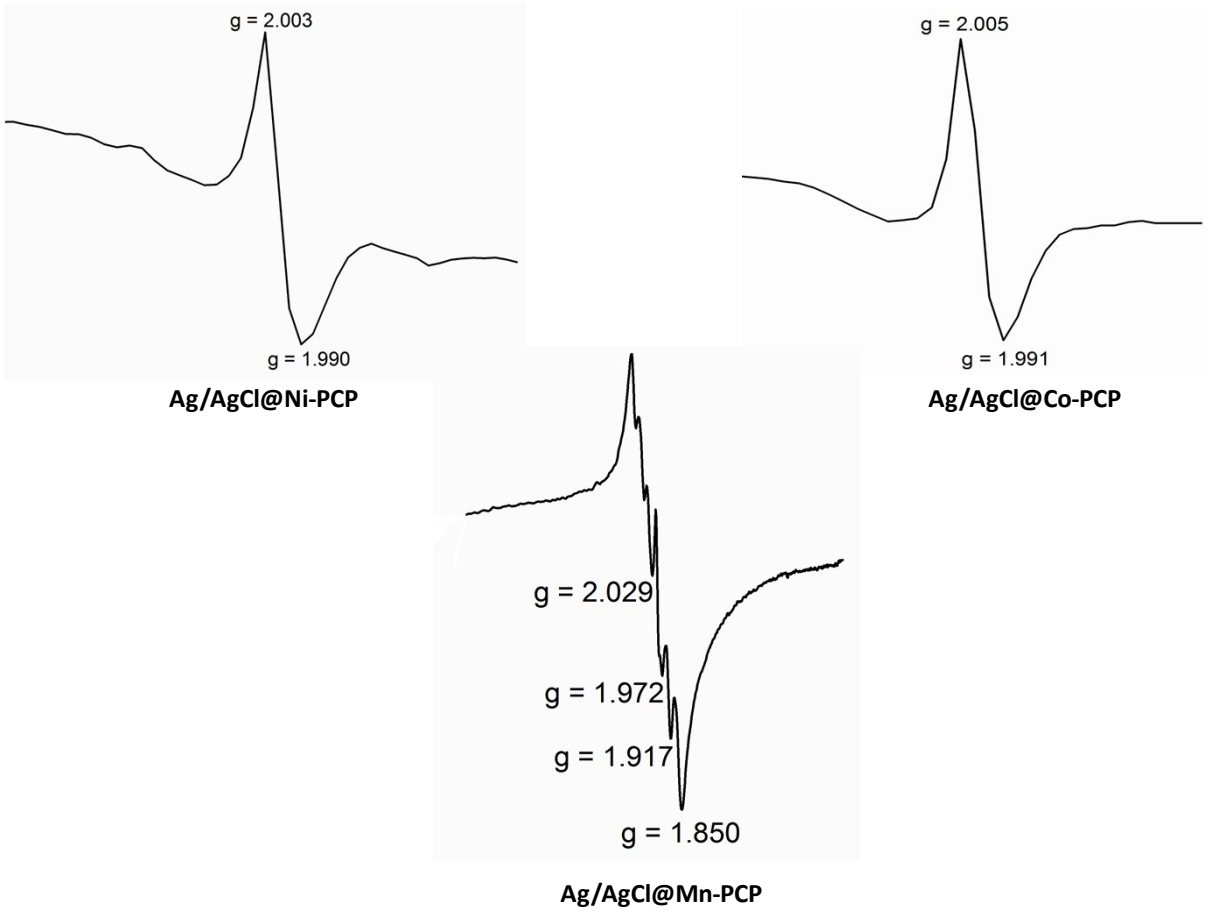

Fig. S2 EPR spectra of Ag/AgCl integrated PCPs.

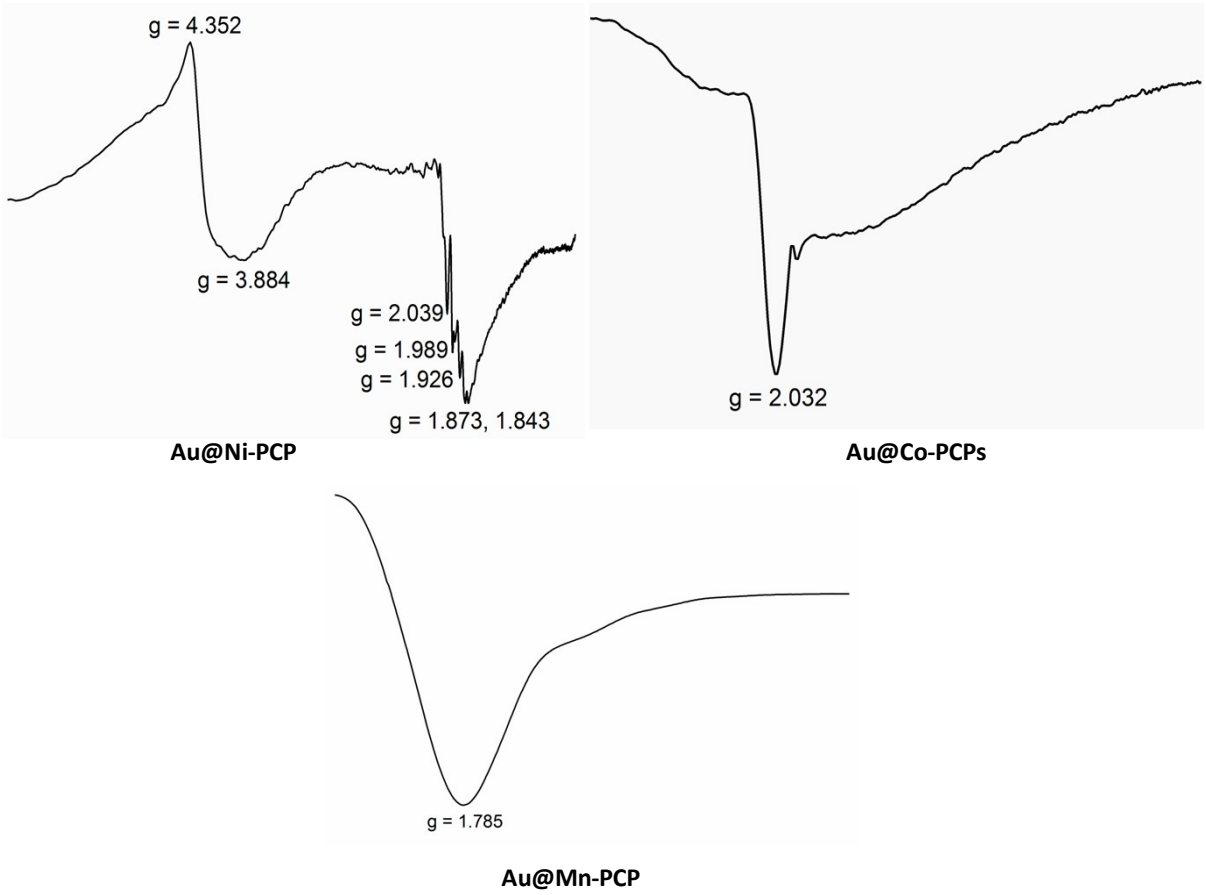

Fig. S3 EPR spectra of Au(0) integrated PCPs.

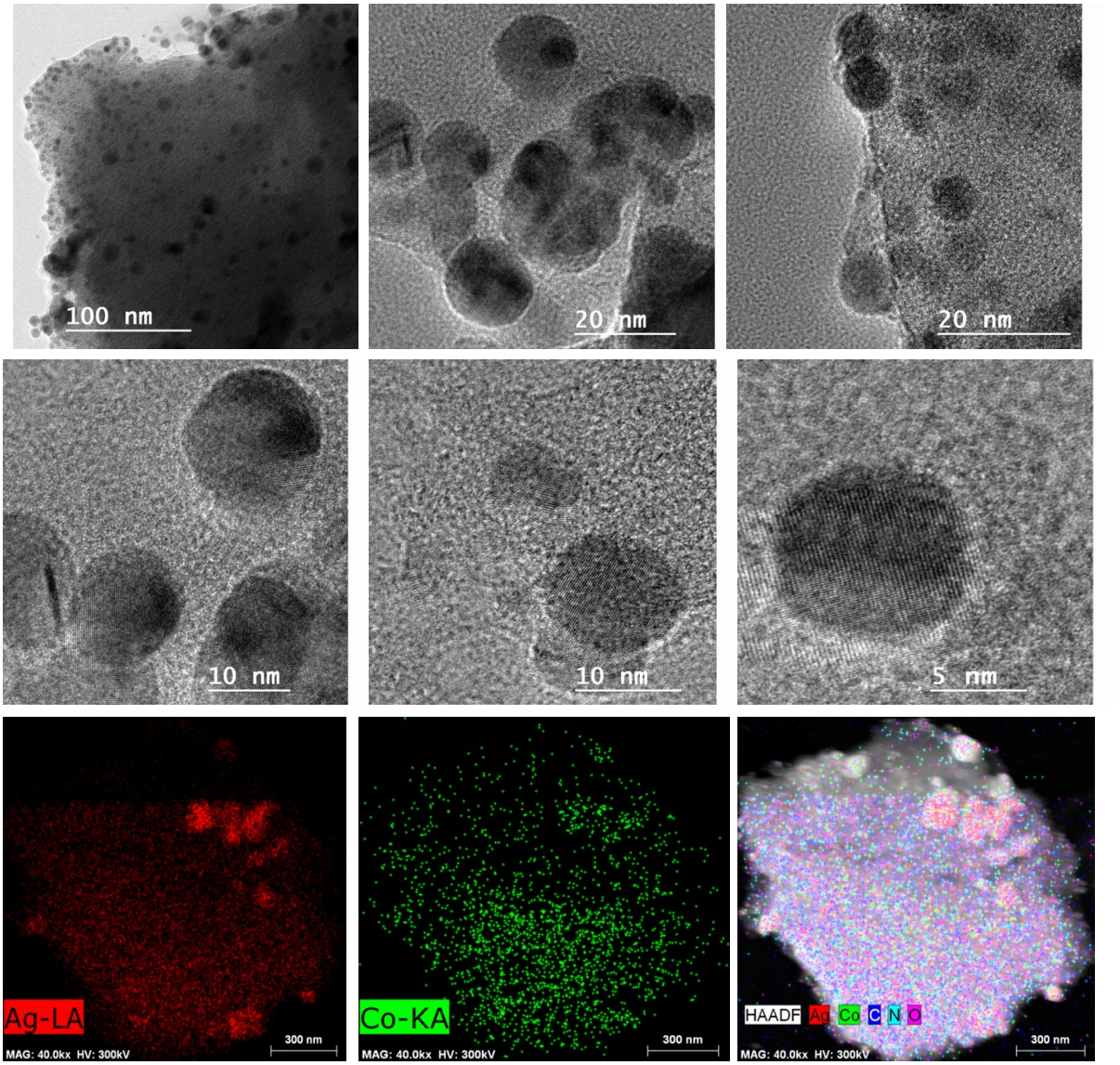

Fig. S4 HRTEM and HAADF-STEM images of **Ag/AgCl@Co-PCP**.

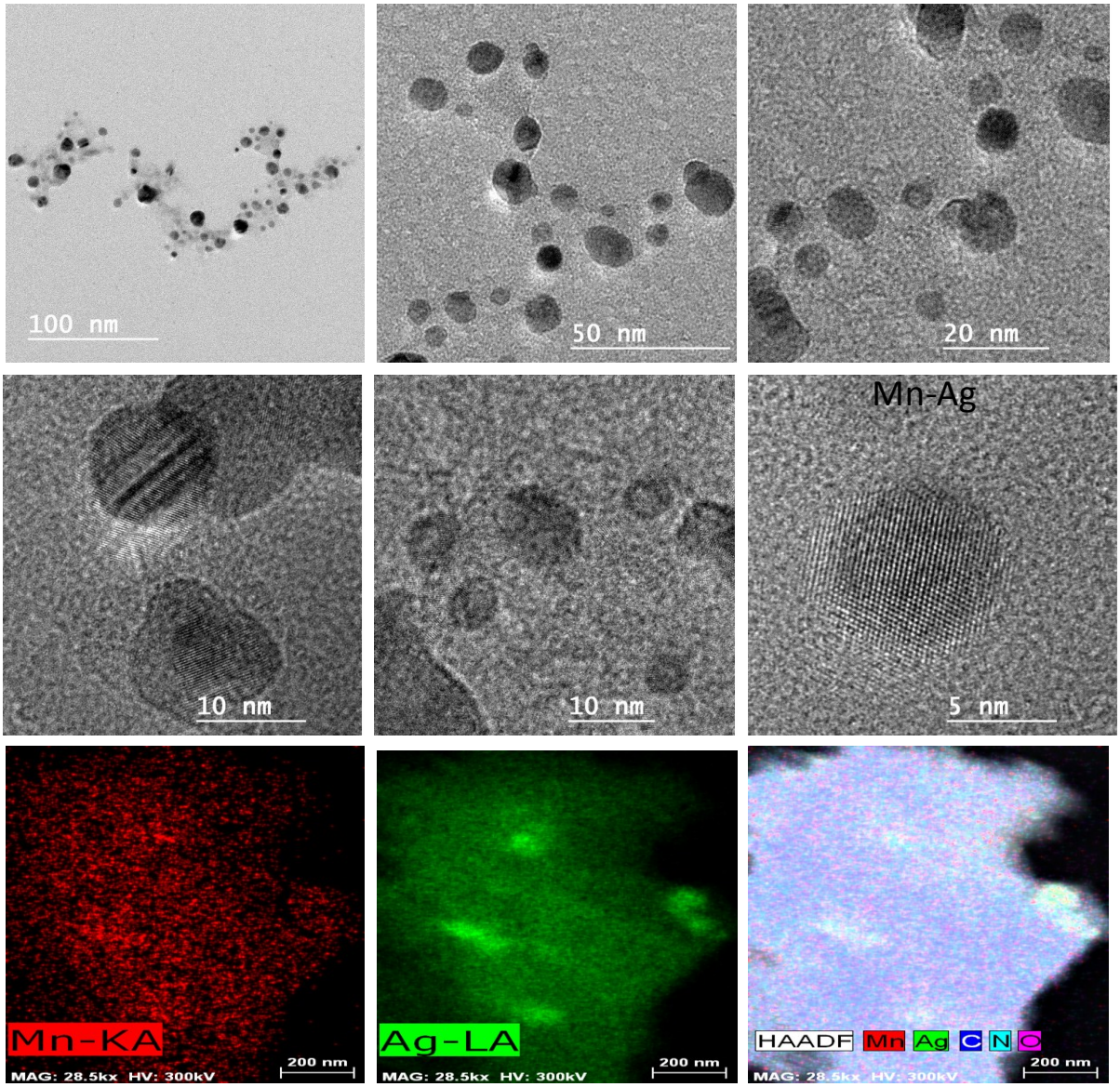

Fig. S5 HRTEM and HAADF-STEM images of **Ag/AgCl@Mn-PCP**.

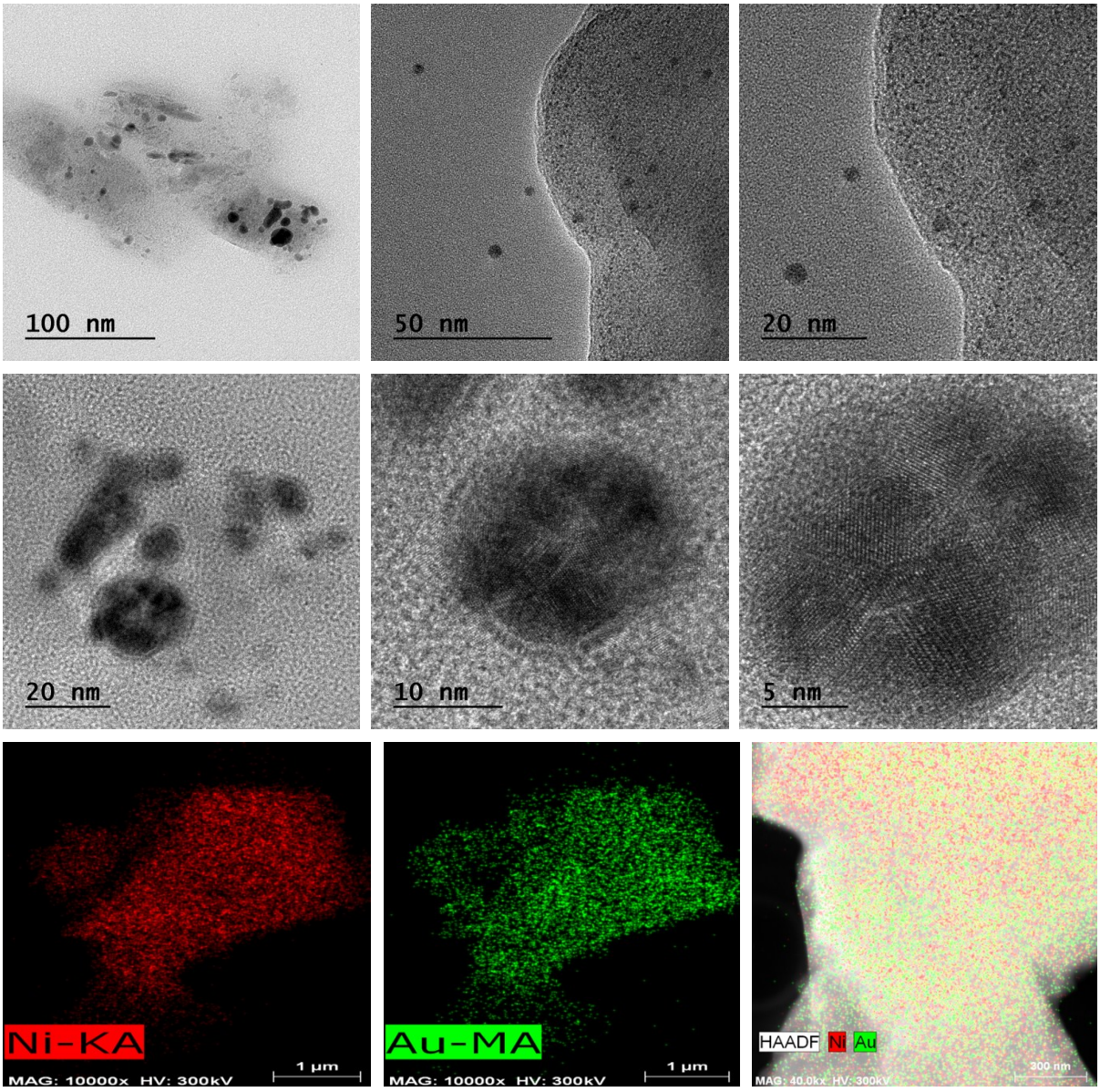

Fig. S6 HRTEM and HAADF-STEM images of **Au@Ni-PCP**.

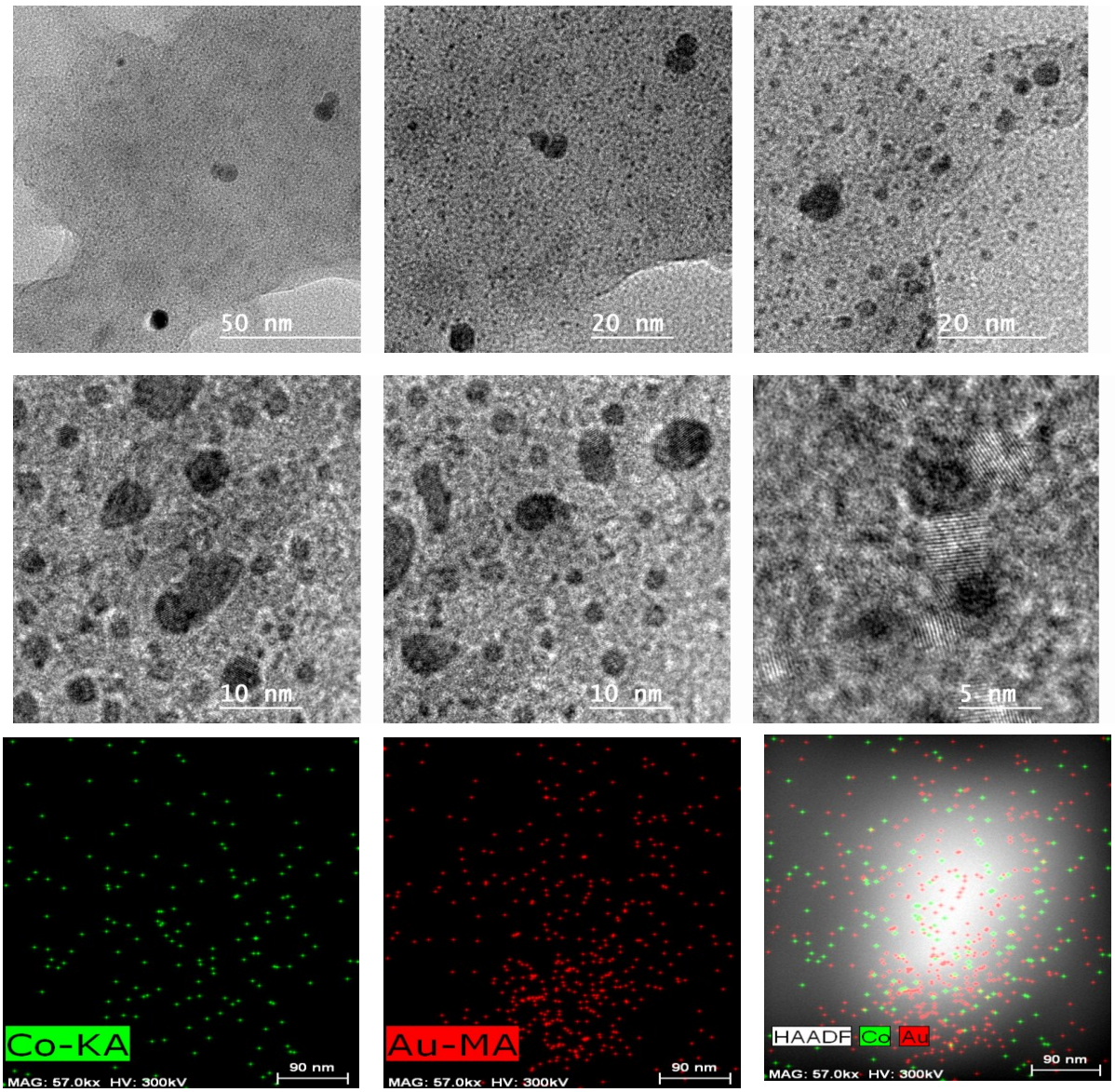

Fig. S7 HRTEM and HAADF-STEM images of **Au@Co-PCP**.

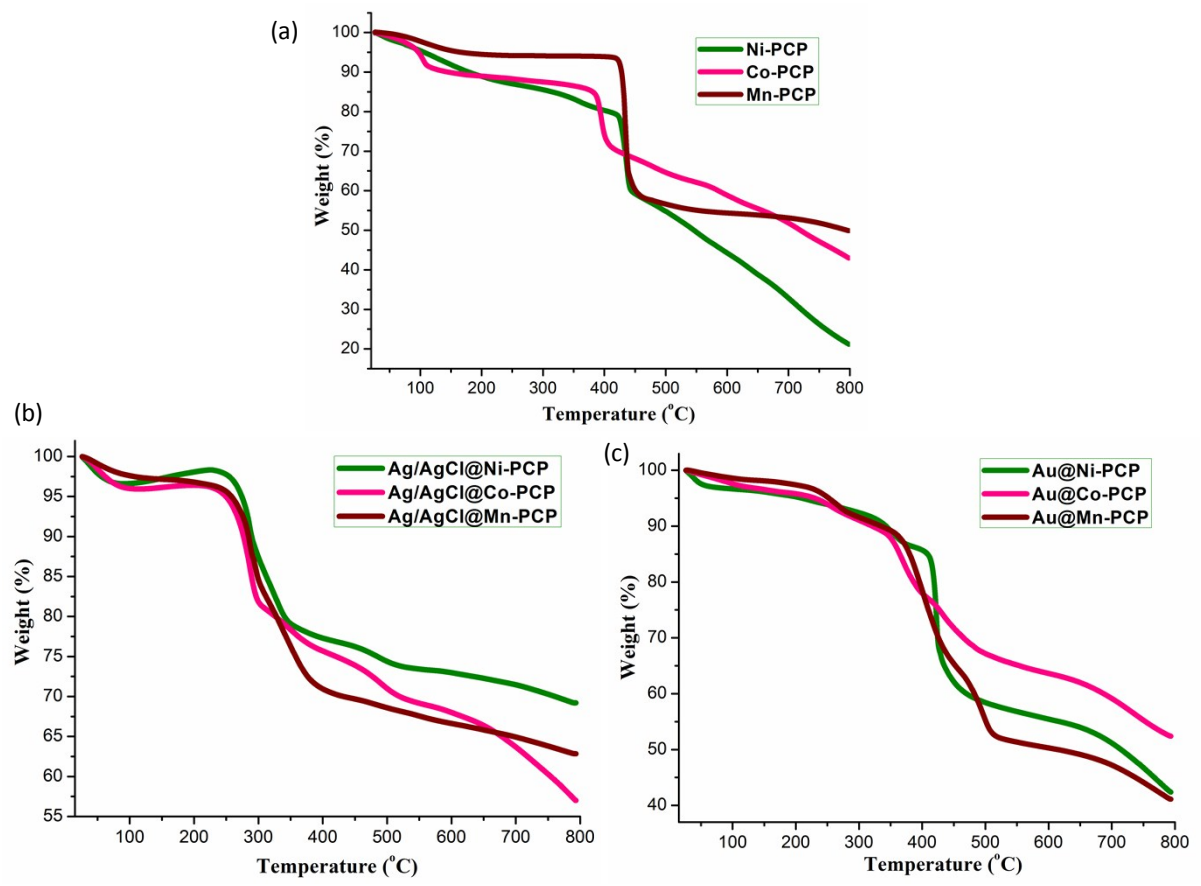

Fig. S8 TGA plots of (a) host PCPs, (b) Ag/AgCl integrated PCPs and (c) Au(0) integrated PCPs.