Electronic Supplementary Information (ESI) for:

Design and Construction of Coordination Polymers by 2,2’-Dinitro-4,4’-biphenyldicarboxylate and Imidazole-based Ligands : Diverse Structures Based on Different Metal Ions

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Fig. S1 Coordination sphere of Mn atom in crystal 1 (Nitro groups of NBPDC and hydrogen atoms have been omitted for clarity). Symmetry codes: (i) -x+1/2,y+1/2,z; (ii) x,-y-1/2,z-1/2; (iii) -x+1/2,-y,z-1/2.

Fig. S2 Coordination sphere of Co atom in crystal 2 (Nitro groups of NBPDC and hydrogen atoms have been omitted for clarity). Symmetry codes: (i) x,y-1,z; (ii) x,y,z+1; (iii) -x+1,-y+1,-z.

Fig. S3 The 3D supermolecular net of crystal 2 via weak interactions.
Fig. S4 Coordination sphere of Cu atom in crystal 4 (Nitro groups of NBPDC and hydrogen atoms have been omitted for clarity). Symmetry codes: (i) x+1, y+3/2, z-1/2; (ii) -x-2, y+1/2, z+1/2; (iii) -x-2, -y+2, -z.

Fig. S5 Coordination sphere of Cd atom in crystal 6 (Nitro groups of NBPDC and hydrogen atoms have been omitted for clarity). Symmetry codes: (i) -x+1, -y+1, -z+1; (ii) -x, -y+1, -z+1; (iii) x+1, y, z-1; (iv) -x+1, -y+2, z+1.

Fig. S6 The XRD of crystal 1.
Fig. S7 The XRD of crystal 2.

Fig. S8 The XRD of crystal 3.

Fig. S9 The XRD of crystal 4.
Fig. S10 The XRD of crystal 5.

Fig. S11 The XRD of crystal 6.