

Supporting Information

Three alkaline-earth metal complexes with 3D networks constructed from 7,7,8,8-tetracyanoquinodimethane ligand: synthesis, structure and electrochemical properties

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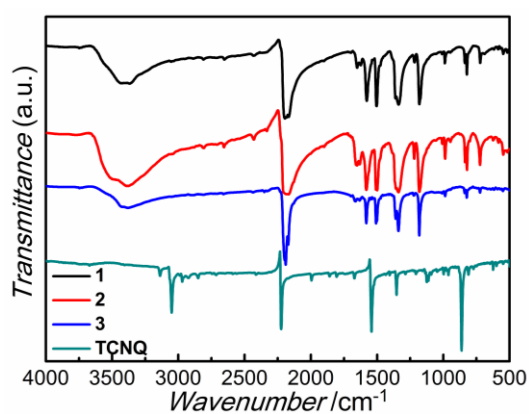


Fig. S1 Infrared spectra of complexes **1–3** and TCNQ.

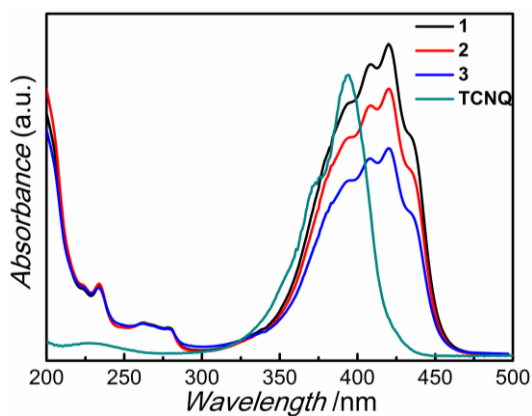


Fig. S2 UV–Vis absorption spectra of TCNQ and complexes **1–3** in CH₃CN.

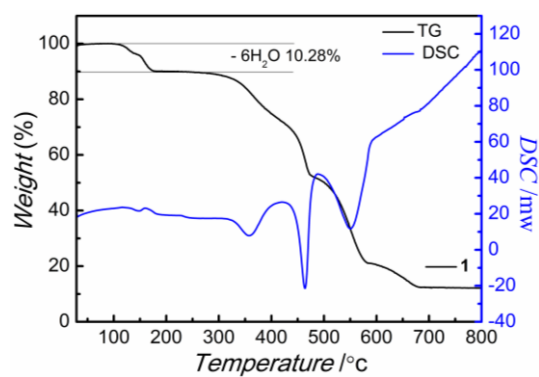


Fig. S3 TG–DSC curves of complex **1**.

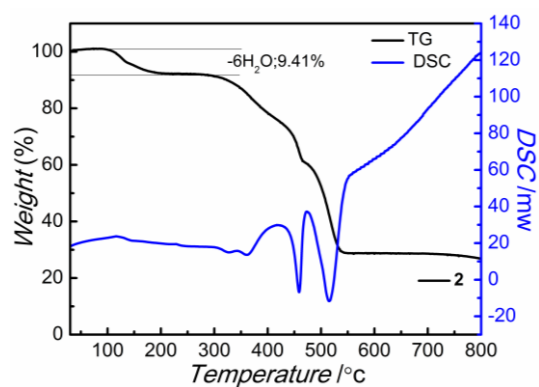


Fig. S4 TG–DSC curves of complex **2**.

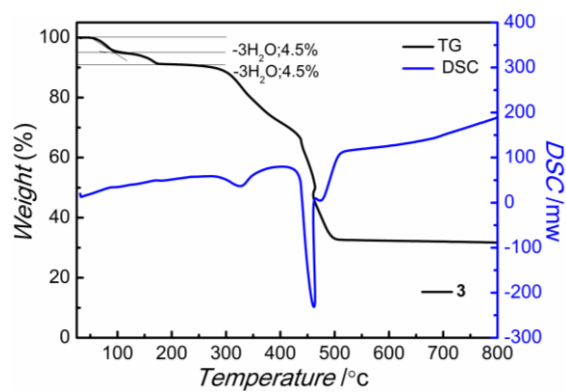


Fig. S5 TG–DSC curves of complex **3**.

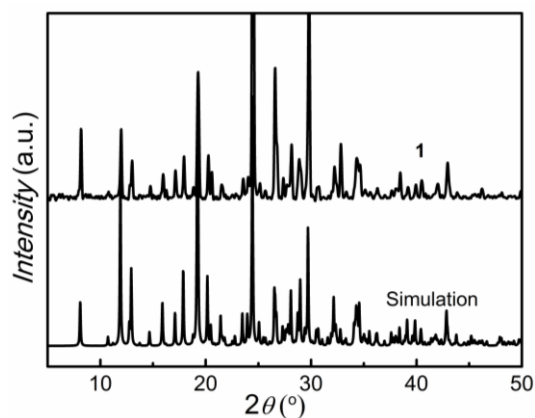


Fig. S6 Experimental X-ray powder pattern of microcrystalline sample and simulated pattern of **1**.

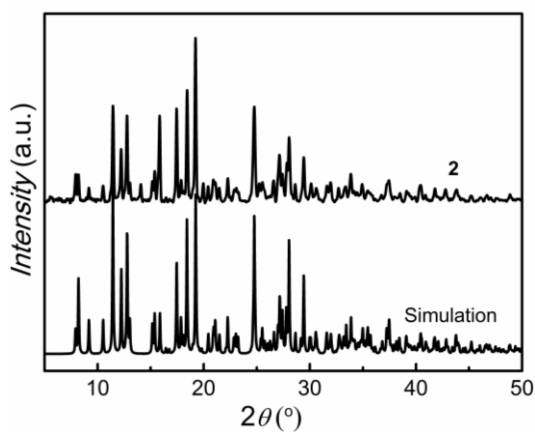


Fig. S7 Experimental X-ray powder pattern of microcrystalline sample and simulated pattern of **2**.

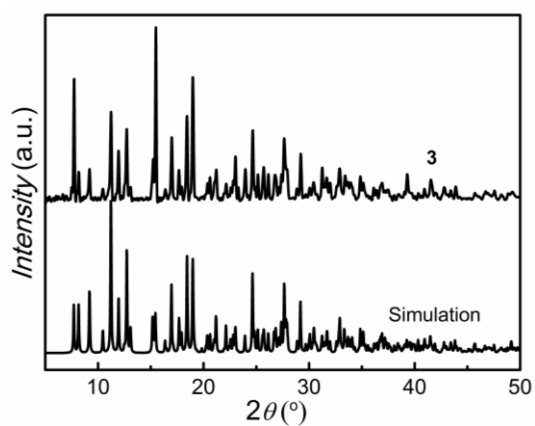


Fig. S8 Experimental X-ray powder pattern of microcrystalline sample and simulated pattern of **3**.

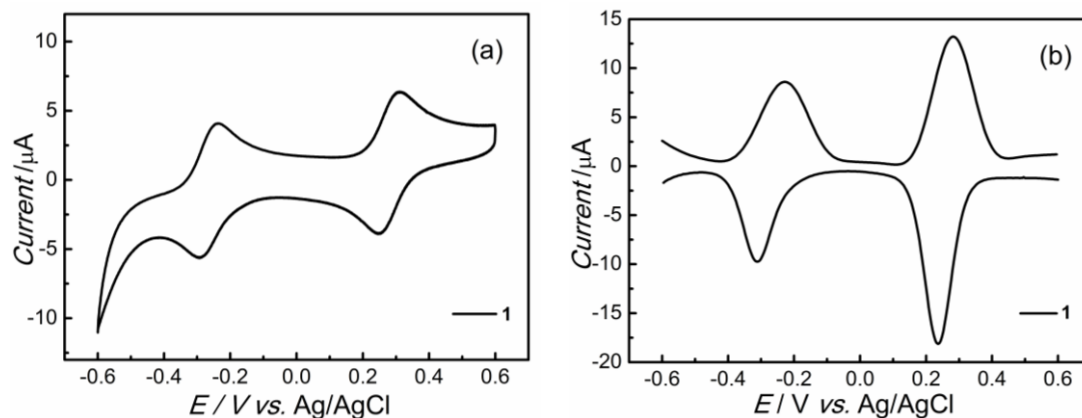


Fig. S9 Cyclic voltammogram (a) and differential pulse voltammograms (b) of **1** (in acetonitrile).

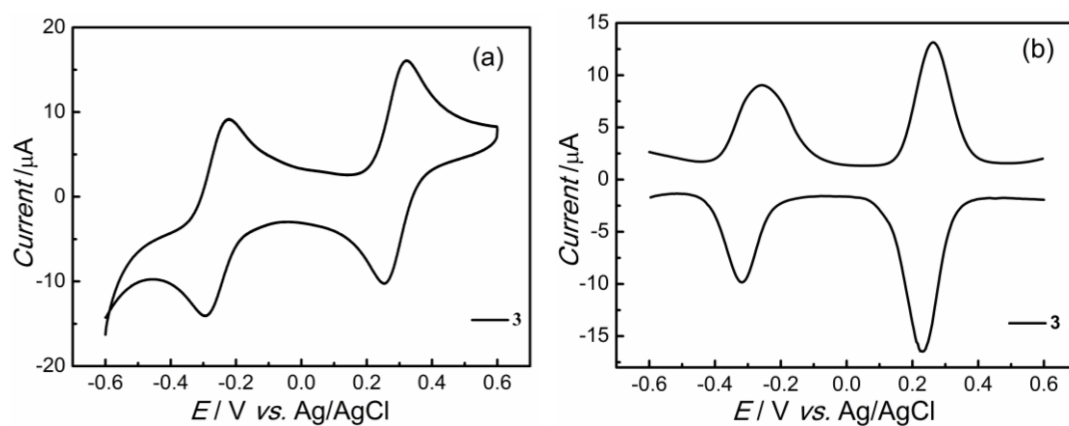


Fig. S10 Cyclic voltammogram (a) and differential pulse voltammograms (b) of **3** (in acetonitrile).

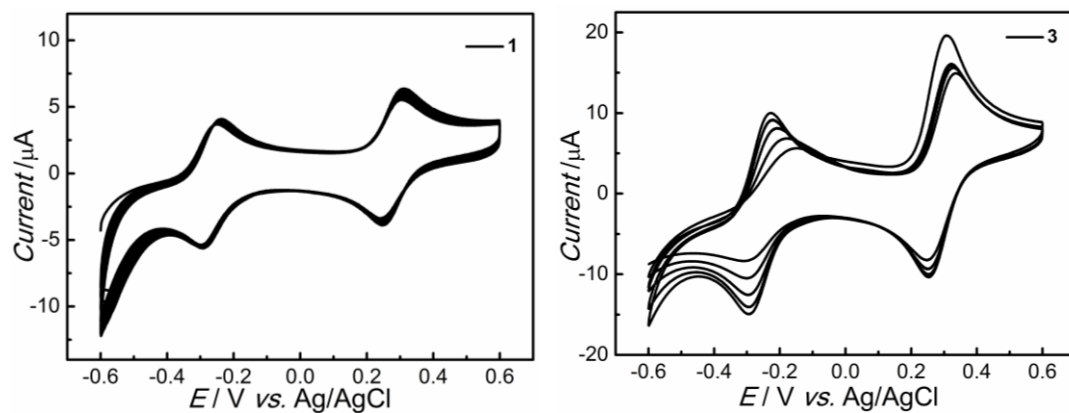


Fig. S11 The 1st–10th cycle for **1** in acetonitrile.

Fig. S12 The 1st–5th cycle for **3** in acetonitrile.