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.