

Metal(II) Complexes Based on Quinoline-2,3 -Dicarboxylate as Electrocatalysts for Degradation of Methyl Orange

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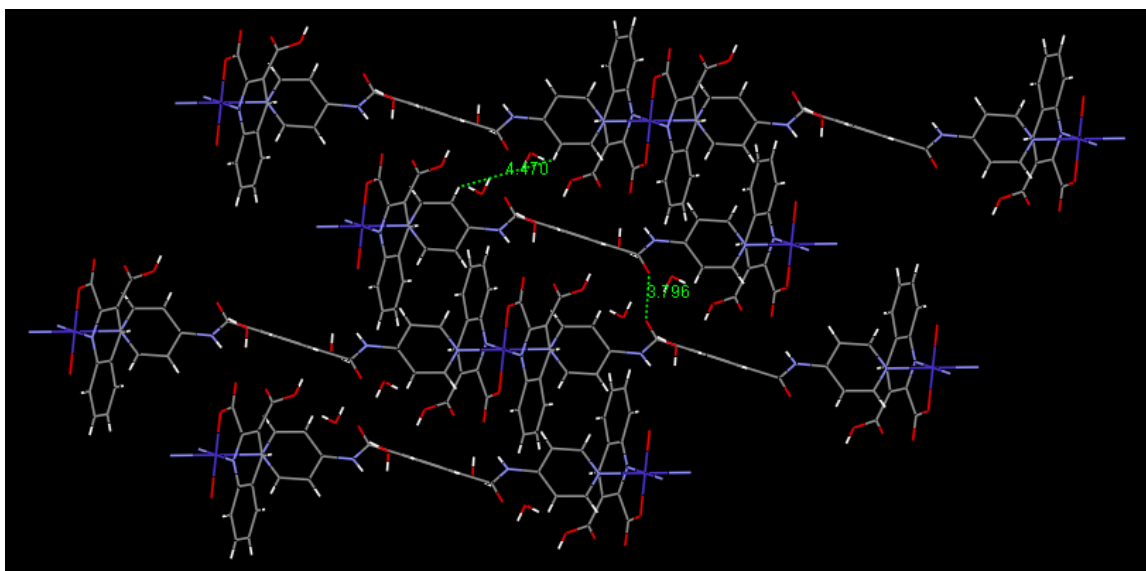
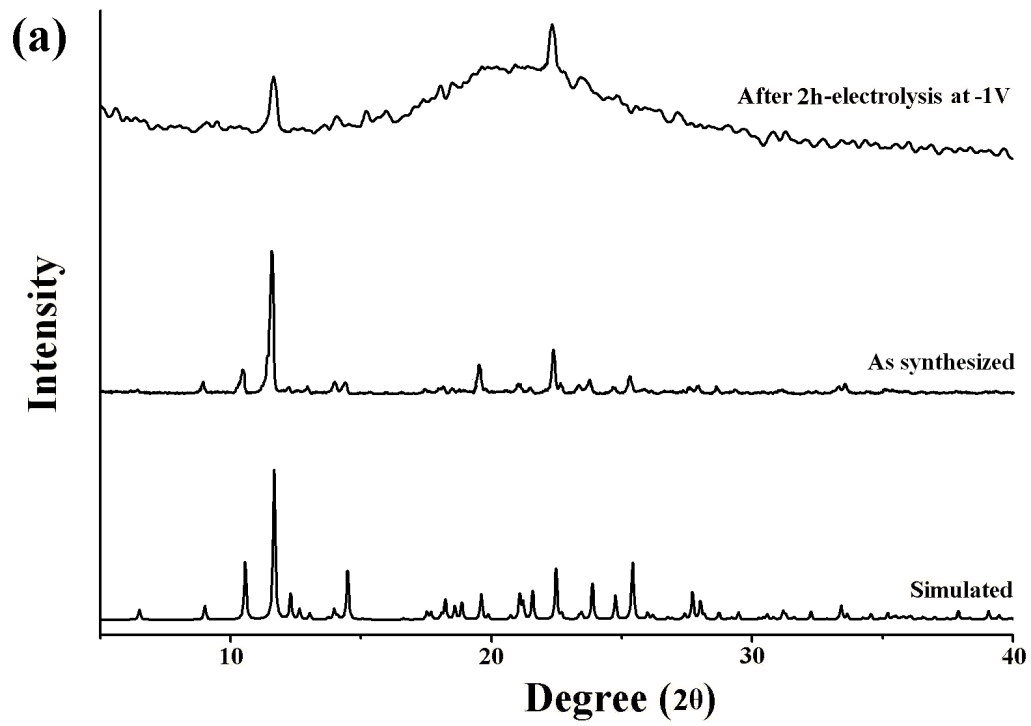


Fig.S1 1D channel viewed along *b*-axis in complex **2** with the window size denoted in green numbers, which is occupied by water molecules.



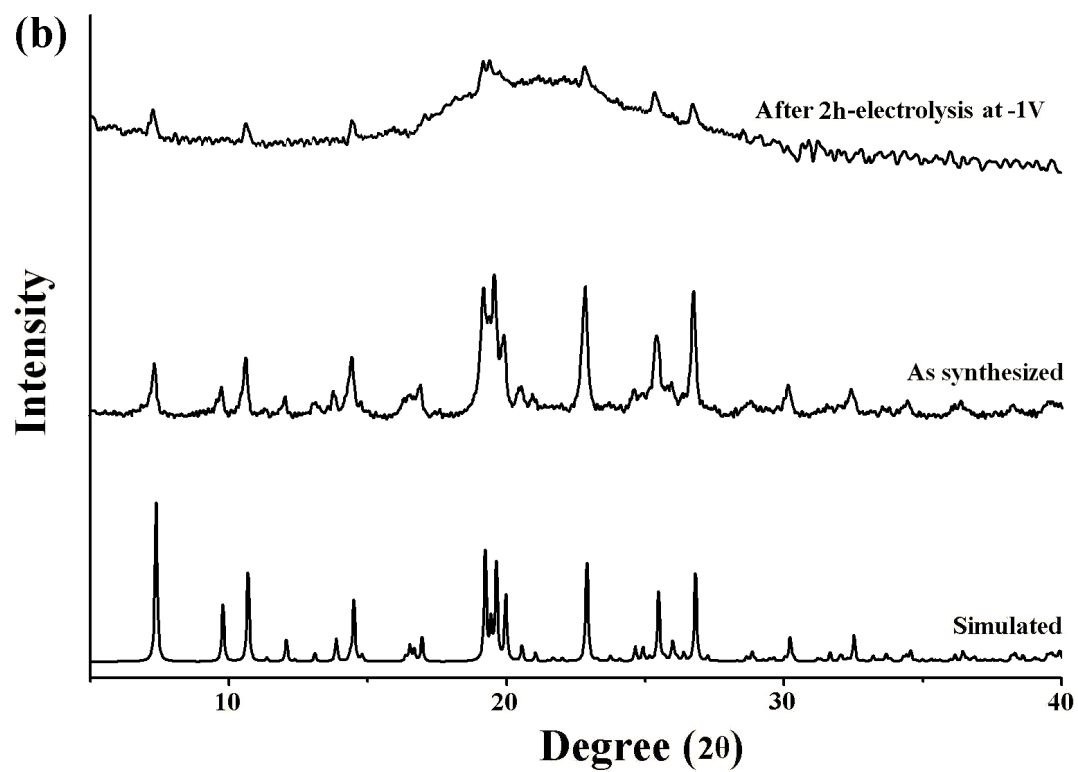
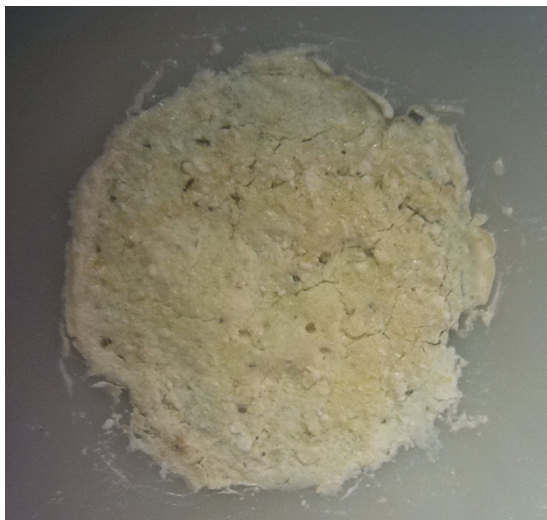
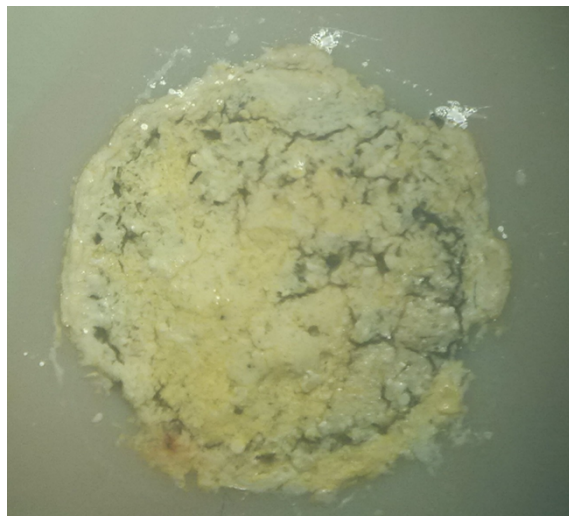


Fig.S2 The PXRD patterns of complexes **1** (a) and **2** (b).

(a)

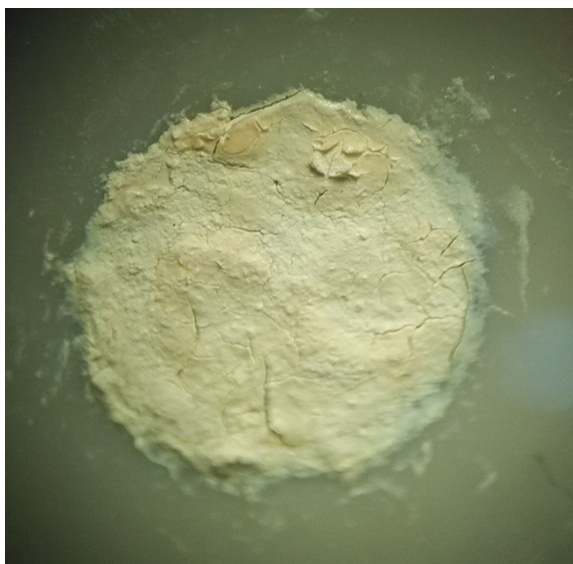


before electrolysis

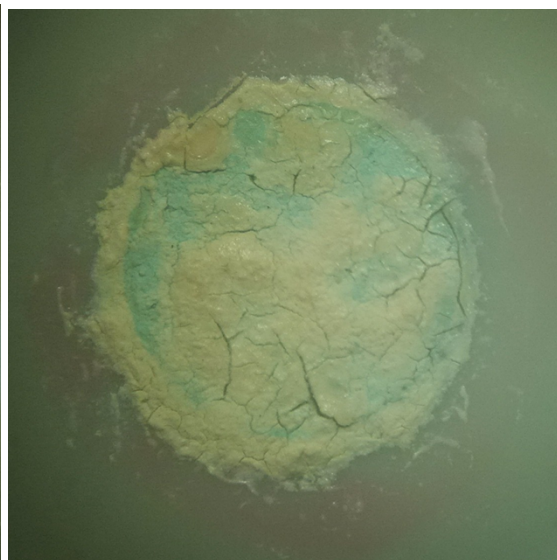


after 4h- electrolysis at -1V

(b)



before electrolysis



after 4h- electrolysis at -1V

Fig. S3 The images of **1-GCE (a)** and **2-GCE (b)** before and after electrolysis.

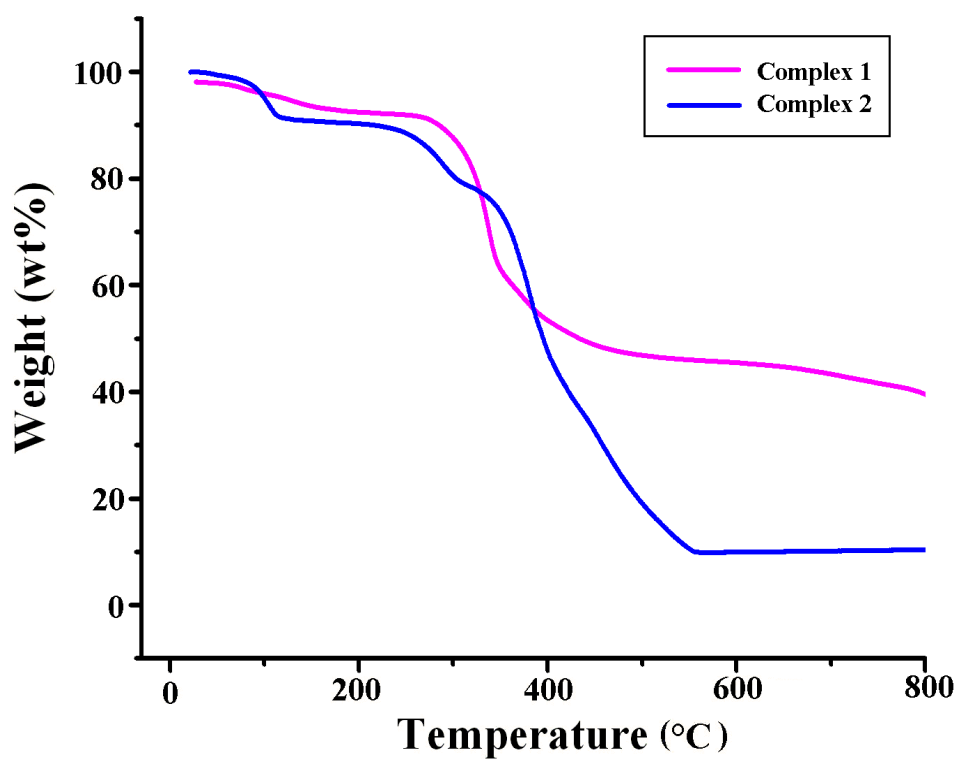


Fig.S4 TG curves of complexes **1** and **2**.

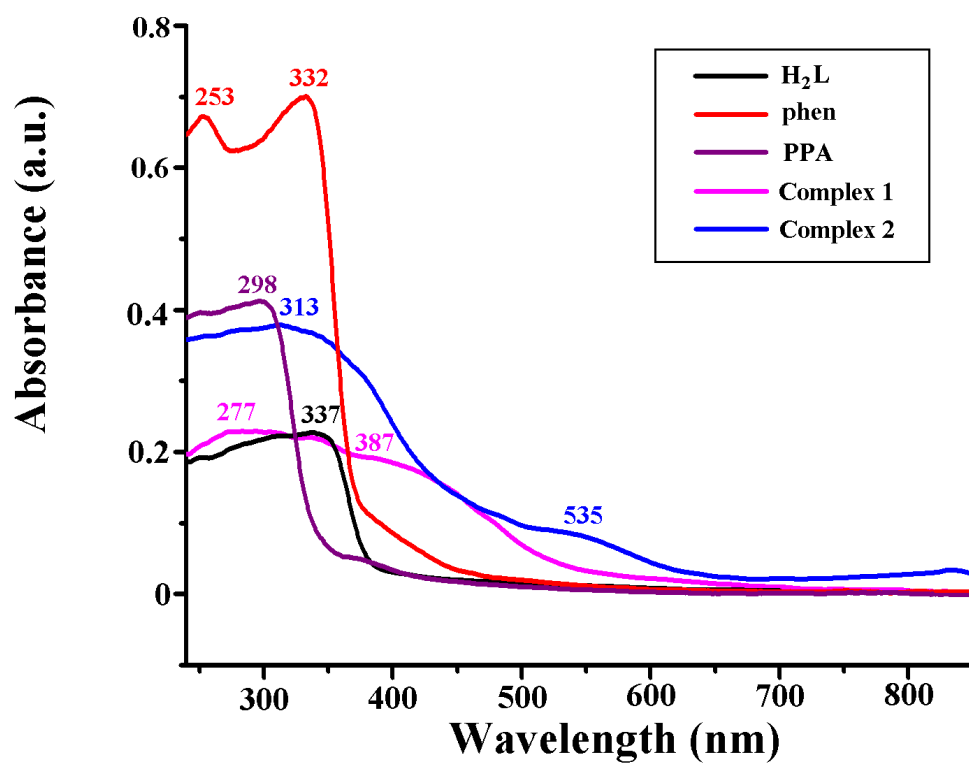


Fig.S5 UV-vis absorption spectra for the free ligands and complexes **1-2** in the solid state at room temperature.