## Highly efficient electrochemiluminescence based on 4-amino-1,2,4-Triazole schiff base two-dimensional Zn/Cd coordination polymers

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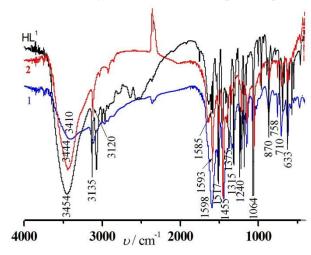


Fig. S1. IR of  $HL^1$ , 1 and 2.

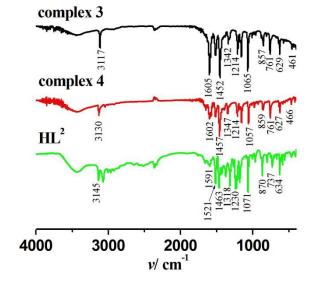


Fig. S2. IR of HL<sup>2</sup>, 3 and 4.

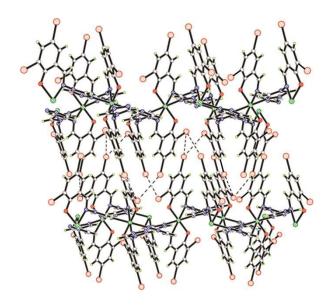


Fig. S3. 3D structure of 1.

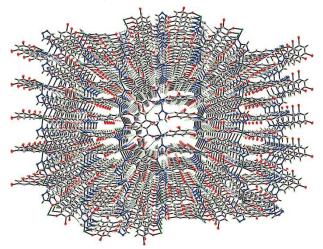


Fig. S4. 3D structure of **2**.

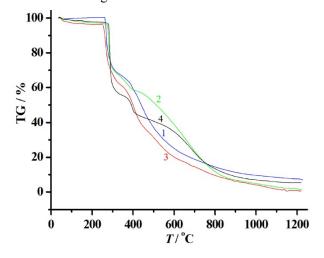


Fig. S5 Thermogravimetric analysis of compounds 1-4.

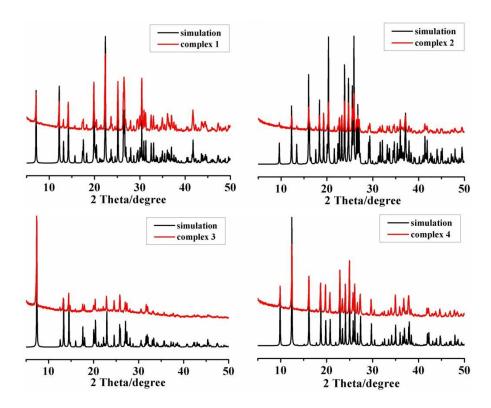


Fig. S6 PXRD of 1-4.



Fig. S7. Photos of **1-4**, HL<sup>1</sup> and HL<sup>2</sup> with the concentration at 10<sup>-4</sup> mol/L for **1-4**, HL<sup>1</sup> and HL<sup>2</sup>: visible light (Upper), UV-light (down).

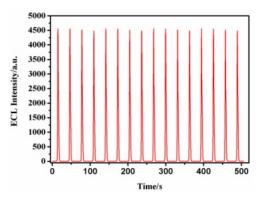


Fig. S8 Electrochemical luminescence of  $Ru(bpy)_3^{3+[27]}$ .