

Electronic Supplementary Information (ESI)

Morphology effect on luminescent property and antibacterial activity of coordination polymer particles with identical crystal structure

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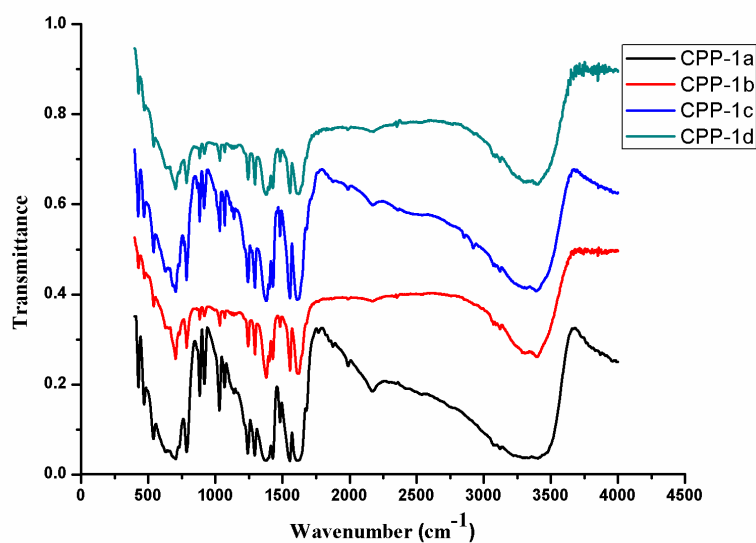


Fig. SI1 IR spectra of as-synthesized coordination polymer particles with different morphologies

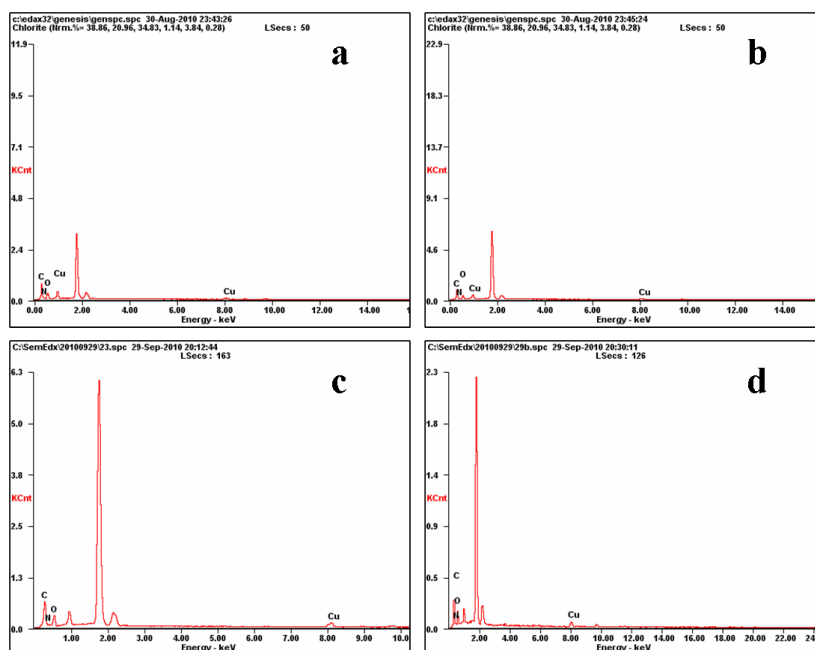


Fig. SI2 EDX spectra of (a) rhombus layer, (b) rhombus disk, (c) rhombus lump and (d) bread-like particles of CPP-1

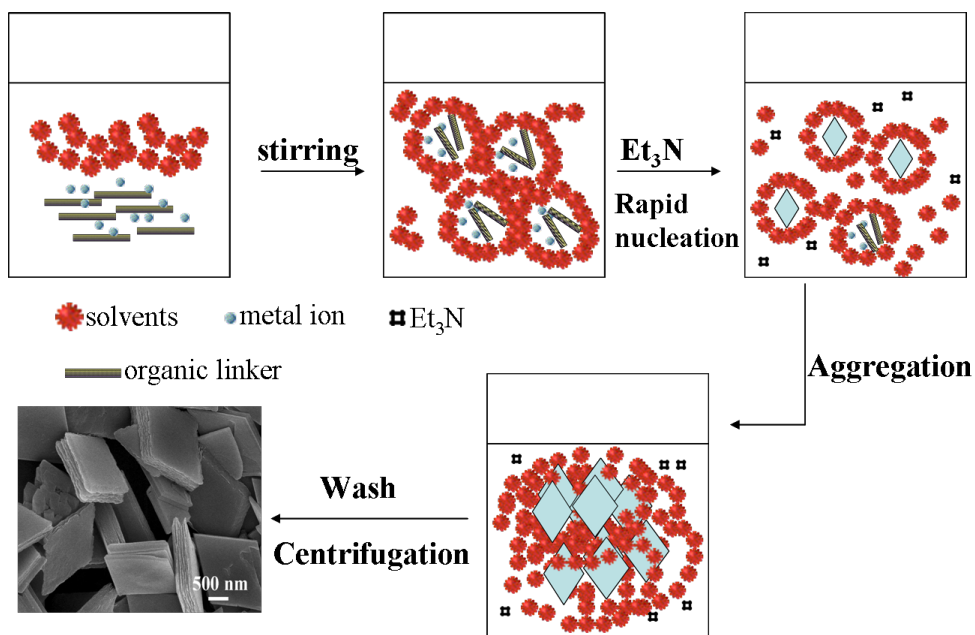


Fig. S13 The possible model for the formation and growth of CPP-1a.

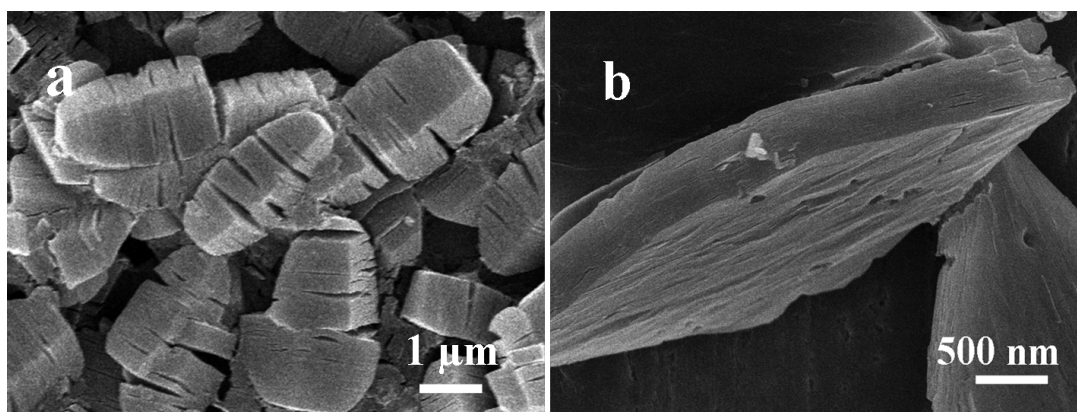


Fig. S14 SEM images of (a) CPP-1d and (b) CPP-1c.

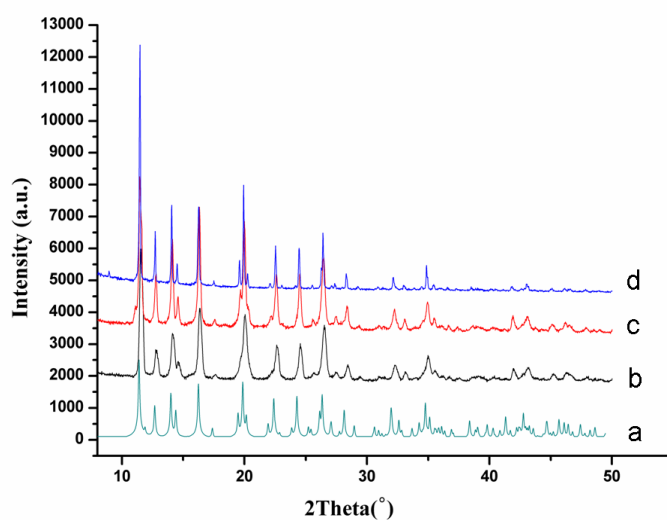


Fig. S15 (a) A simulated XRD curve based on the published structure of Tynan et al. and XRD patterns of (b) CPP-1c (c) CPPs of adding 1.6 mL HAc (d) CPPs of adding 1.2 mL HAc.