Formation of high crystalline ZIF-8 in an aqueous solution

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Supplementary Material (ESI) for CrystEngComm

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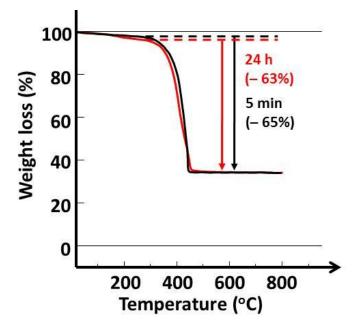


Figure S1 TGA curves of ZIF-8 prepared at 5 min and 24 h.

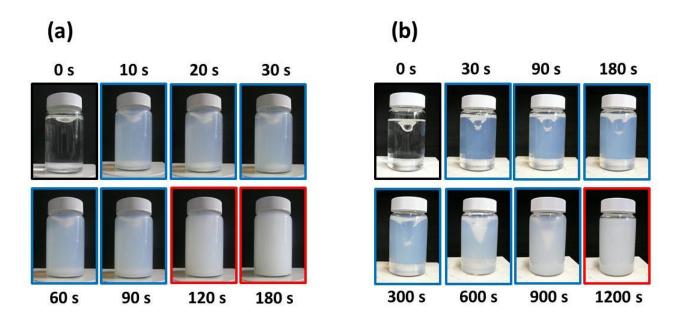


Figure S2 Photographs of synthesis solution as a function of synthesis time. (a) Hmim/Zn molar ratio of 60 and (b) Hmim/Zn molar ratio of 20.

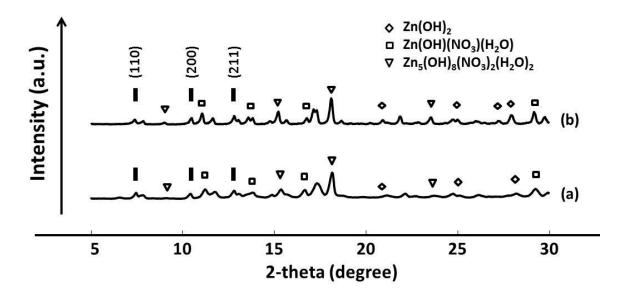


Figure S3 PXRD patterns of the products prepared at the Hmim/Zn molar ratio of 20 (24 h). The synthesis solution (a) with pH control (pH = 9.11) and (b) without pH control.