Supplementary Material

Ionothermal synthesis and characterization of two zinc phosphates from a protic ionic liquid

Sanying Li, Wei Wang, Lei Liu* and Jinxiang Dong

Figure S1 $^1$HNMR spectrum of $\text{H}_4\text{TETA(Ac)}_4$
Figure S2. The FT-IR spectra of ZnPO-TETA1 and ZnPO-TETA2 samples
Figure S3 SEM images of ZnPO-TETA1 and ZnPO-TETA2 samples obtained under different reaction conditions (see Table 1 in main text).
Figure S4 Powder XRD patterns of ZnPO-TETA1 and ZnPO-TETA2 samples obtained under different reaction conditions (see Table 1 in main text).

Figure S5 Powder XRD patterns illustrating the structure evolution of the two zinc phosphates as a function of synthesis time: (a) ZnPO-TETA1; (b) ZnPO-TETA2.