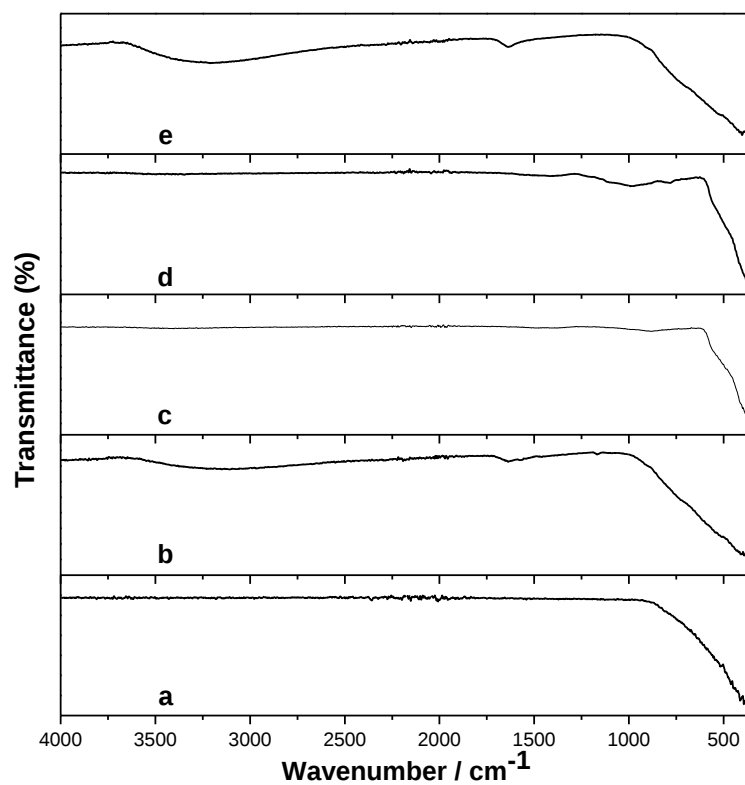


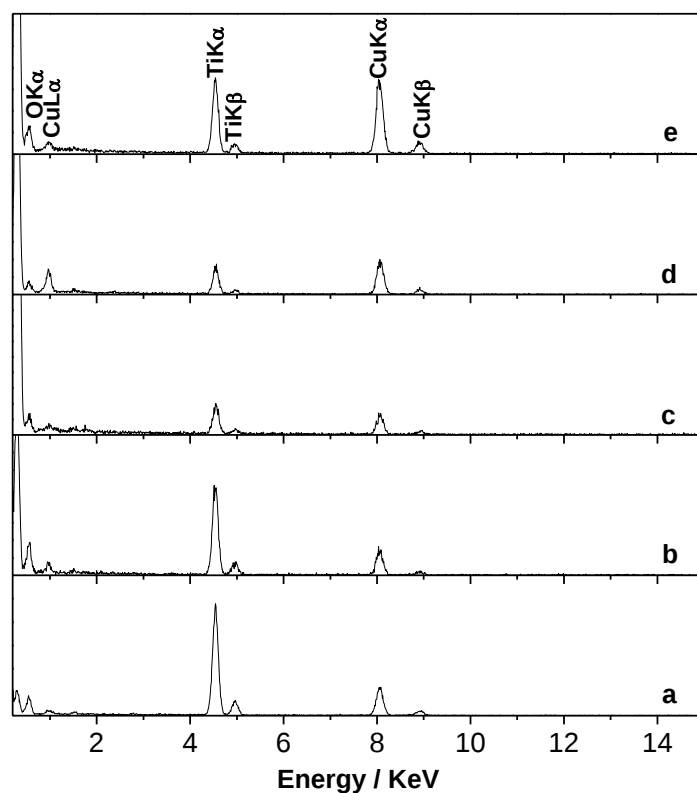
Mild Yet Phase-Selective Preparation of TiO₂ Nanoparticles from Ionic Liquids – A Critical Study

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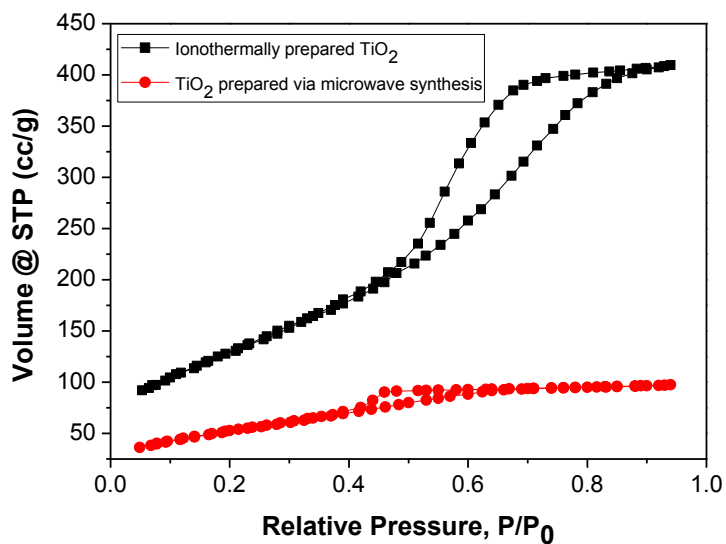


SI-Fig 1. IR spectra of TiO₂ prepared in (a) [C₃mimOH][Tf₂N] (S1), (b) [C₄mim][Tf₂N] (S2), (c) [C₄Py][Tf₂N] (S3), (d) [N₁₁₁₈][Tf₂N] (S4) and (e) [P₆₆₆₁₄][Tf₂N] (5).

Electronic Supporting Information



SI-Fig 2. EDX spectra of TiO₂ prepared in (a) [C₃mimOH][Tf₂N] (S1), (b) [C₄mim][Tf₂N] (S2), (c) [C₄Py][Tf₂N] (S3), (d) [N₁₁₁₈][Tf₂N] (S4) and (e) [P₆₆₆₁₄][Tf₂N] (S5).



SI-Fig 3. N₂ adsorption-desorption of TiO₂ prepared by ionothermal method (S6) and microwave synthesis (S7).

Electronic Supporting Information