

α -Titanium phosphate intercalated with propylamine: An alternative pathway for efficient europium(III) uptake into layered tetravalent metal phosphates

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Electronic Supporting Information

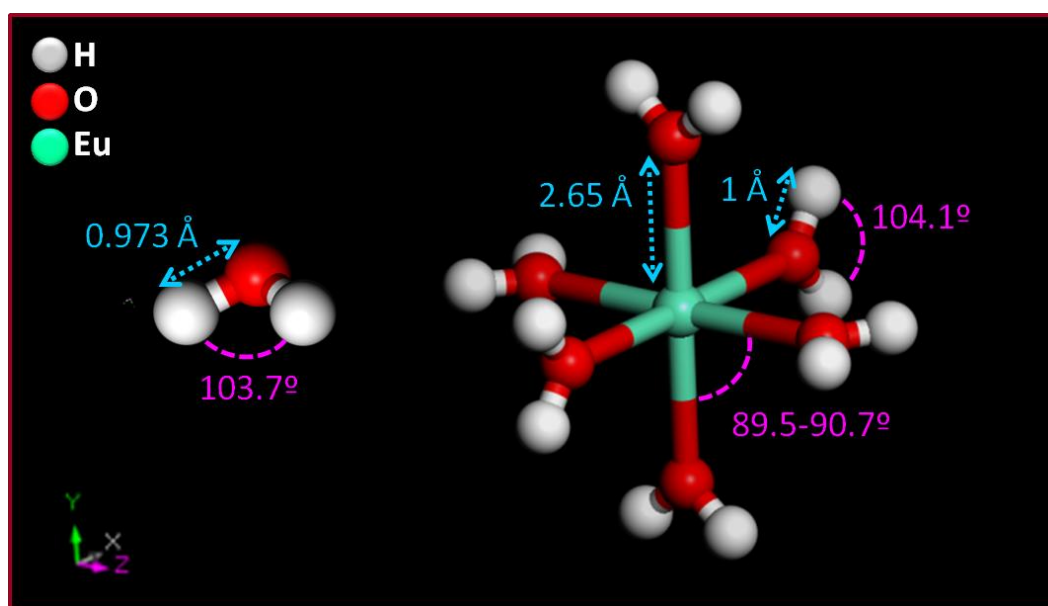


Figure S1. The optimization results by DFT methods of bond lengths and angles for free H_2O molecule and $\text{Eu}(\text{H}_2\text{O})_6^{3+}$ cation.

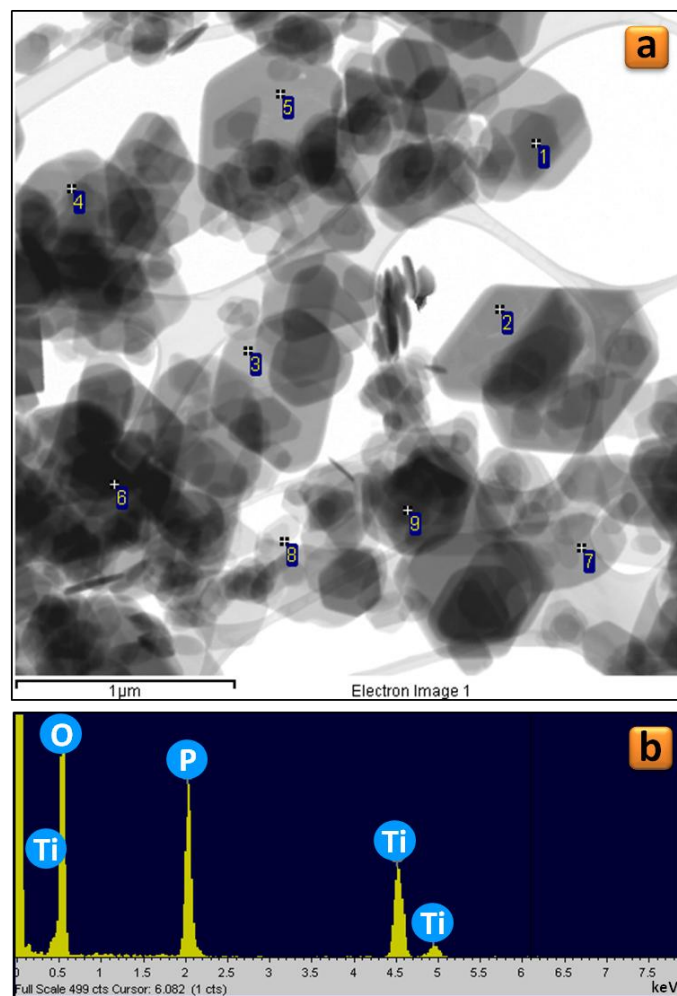


Figure S2. BF-STEM image (a) and a typical EDX spectrum (b) for $\text{TiP}_{10^{-4}}$ sample.

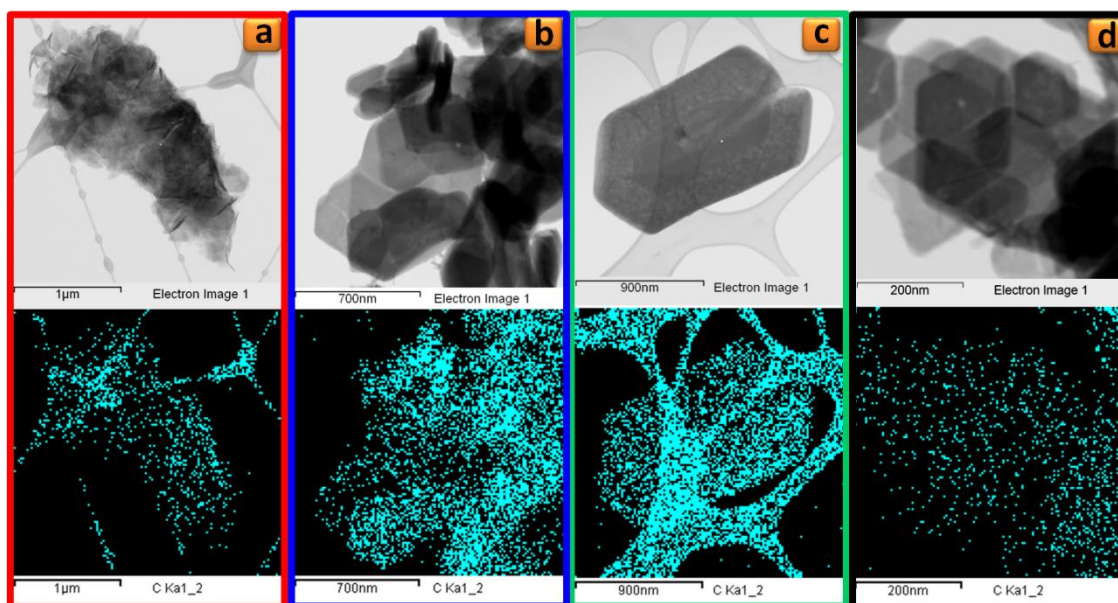


Figure S3. STEM-EDS elemental mapping of **TiPPr_{10⁻⁴}** (a), **TiPPr_{0.05}** (b), **TiPPr_{0.075}** (c) and **TiPPr_{0.1}** (d) samples, where the C-K α_{1-2} map is shown in cyan color.