Supplementary Material for:

Room Temperature Emission of Platinum(II) Terpyridine Complexes Intercalated into Zirconium Phosphate Layered Materials

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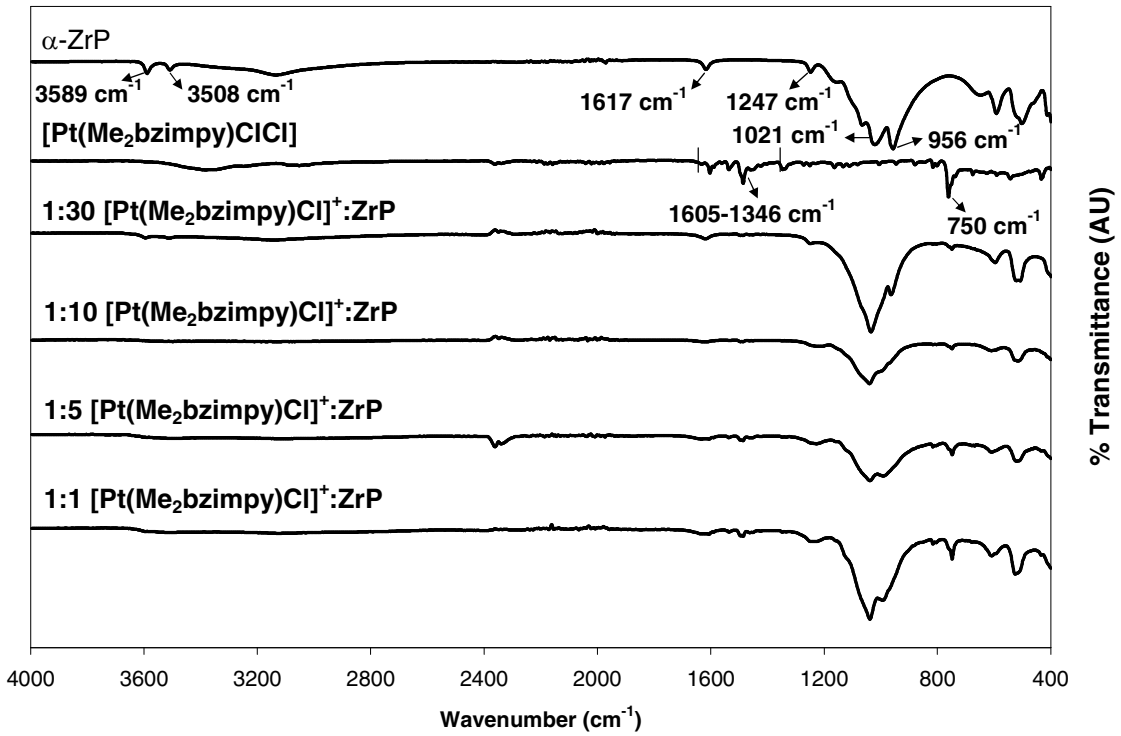

Figure S1. IR spectra of α-ZrP, $[Pt(Me_2bzimpy)Cl]Cl{\cdot}2.5H_2O$, and $[Pt(Me_2bzimpy)Cl]^+$-exchanged ZrP at different loading levels.

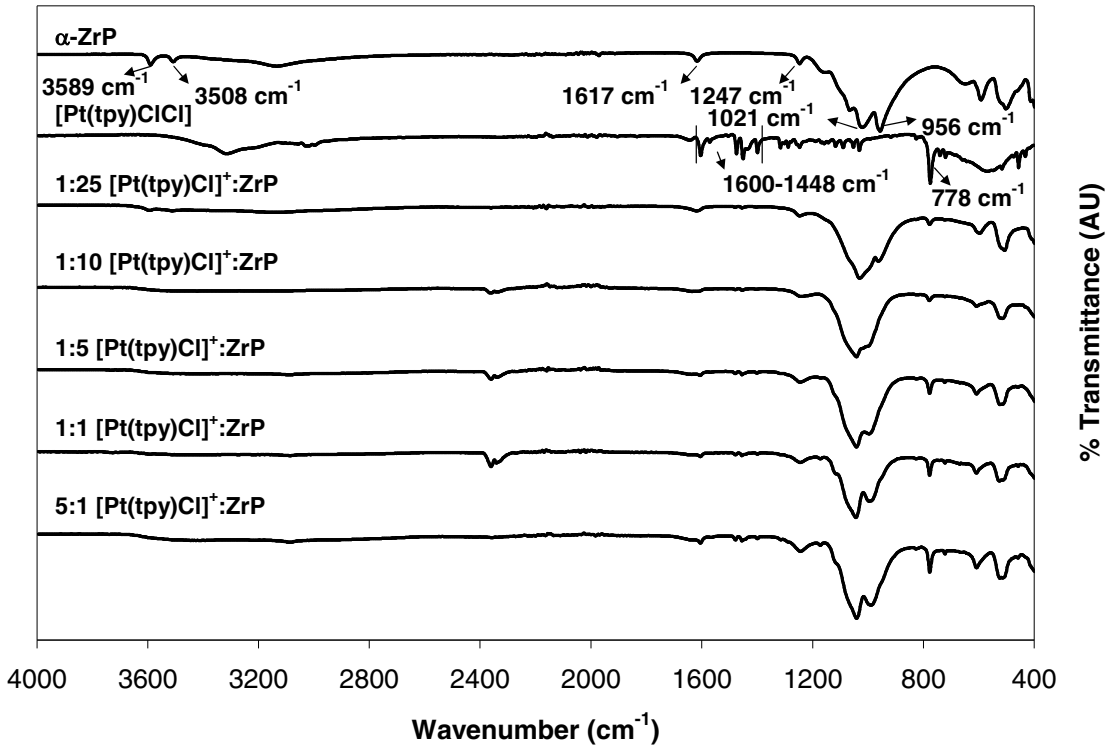

Figure S2. IR spectra of α-ZrP, [Pt(tpy)Cl]Cl·$2H_2O$, and $[Pt(tpy)Cl]^+$-exchanged ZrP at different loading levels.

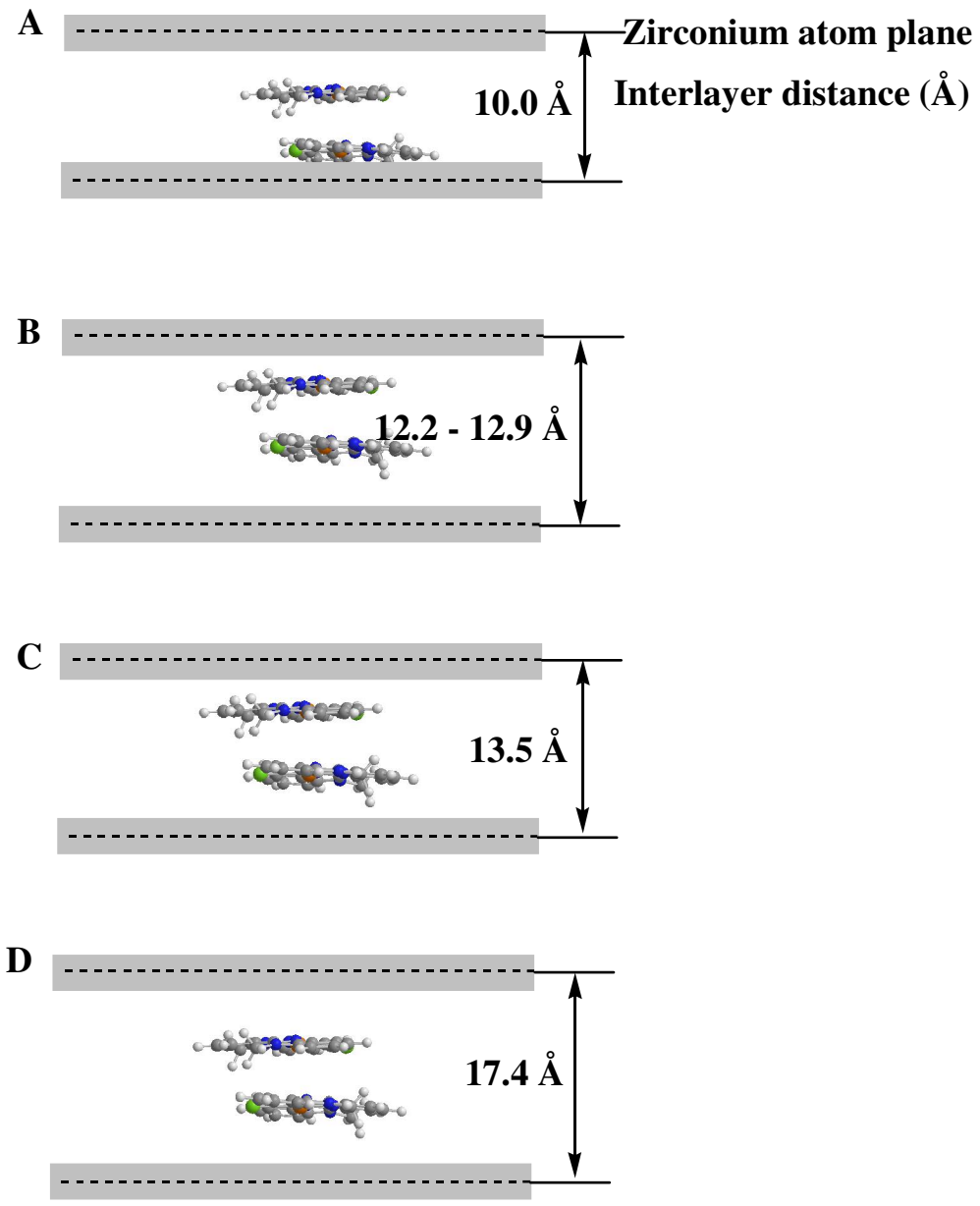

Figure S3. Idealized model of possible orientations of $[Pt(tpy)Cl]^+$ ions within the ZrP layers.

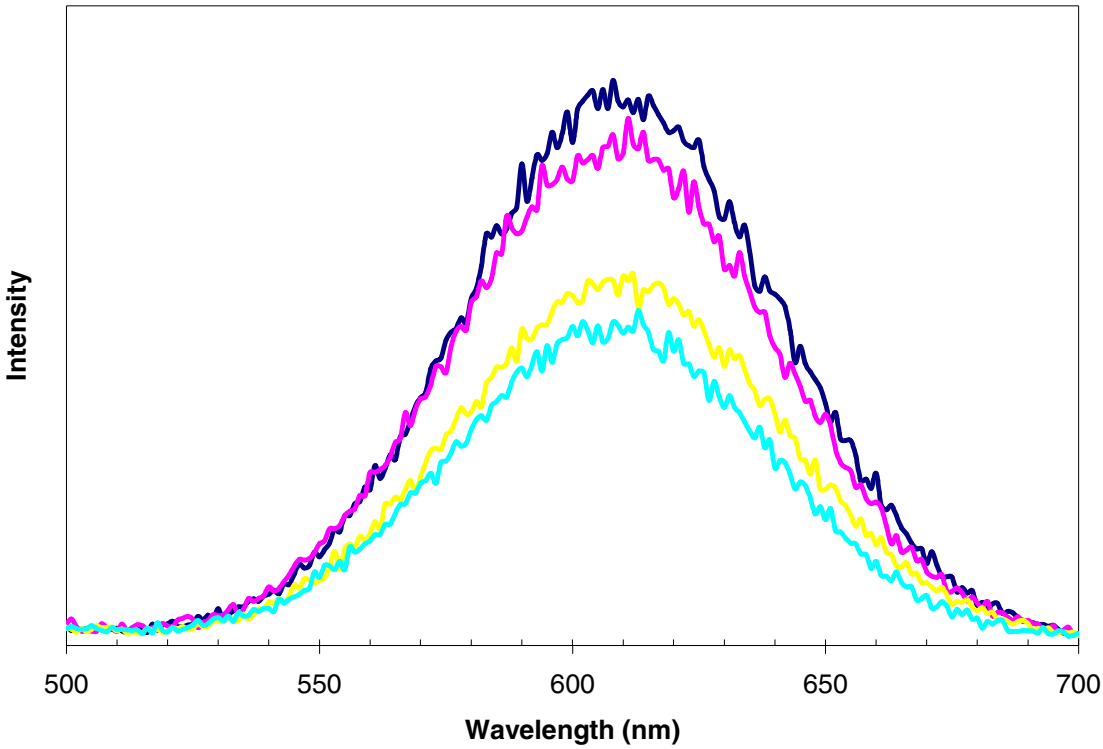

Figure S4. Emission spectra (λ_{ex} = 355 nm) of $[Pt(Me_2bzimpy)Cl]^+$-exchanged ZrP powders at different loading levels (—1:1), (— 1:5), (— 1:10), (— 1:30).

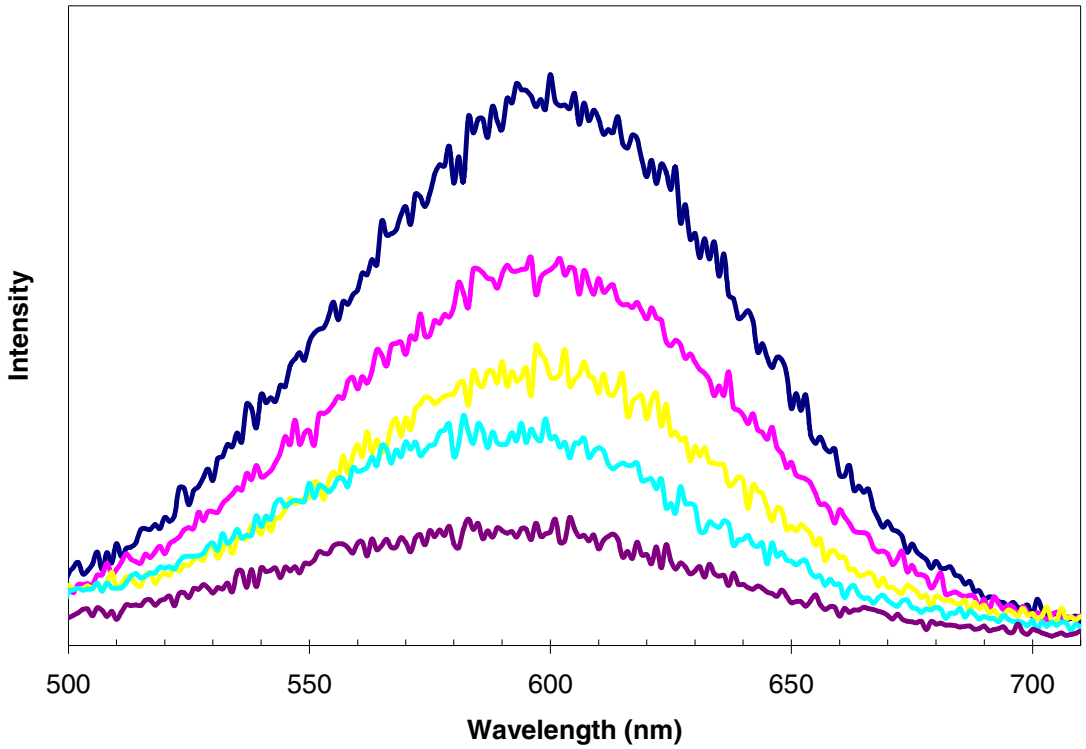

Figure S5. Emission spectra (λ_{ex} = 366 nm) of $[Pt(tpy)Cl]^+$-exchanged ZrP powders at different loading levels (— 5:1), (—1:1), (— 1:5), (— 1:10), (— 1:25).