Electronic Supplementary Information for

**Enhanced Rh-Anchoring by the Composite Metal Phosphate Y_{0.33}Zr_{2}(PO_4)_3 in Three-Way Catalysis**

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Figure S1. Light-off curves for NO, CO, and C₃H₆ for Rh catalysts (0.4 wt% loading) supported on ZP and Ln₀.₃₃Zr₂(PO₄)₃ as-prepared (fresh) and after thermal ageing at 900 °C for 25 h in 10% H₂O/air.
Figure S1 (Continued). Light-off curves for NO, CO, and C$_3$H$_6$ for Rh catalysts (0.4 wt% loading) supported on ZP and Ln$_{0.33}$Zr$_2$(PO$_4$)$_3$ as-prepared (fresh) and after thermal ageing at 900 °C for 25 h in 10% H$_2$O/air.
Figure S1 (Continued). Light-off curves for NO, CO, and C₃H₆ for Rh catalysts (0.4 wt% loading) supported on ZP and Ln₀.₃₃Zr₂(PO₄)₃ as-prepared (fresh) and after thermal ageing at 900 °C for 25 h in 10% H₂O/air.
**Figure S2.** *In situ* FT-IR spectra for CO adsorbed on Rh/YZP and Rh/ZP at 200 °C. Before CO adsorption, the catalysts were reduced by H\textsubscript{2} at 200 °C.
Figure S3. XRD patterns of Ln$_{0.33}$Zr$_2$(PO$_4$)$_3$ as calcined in air at 900 °C.