

Supporting Information

Influence of pH and Electrolyte on the Deposition of Cerium Oxide Nanoparticles on Supported Lipid Bilayers

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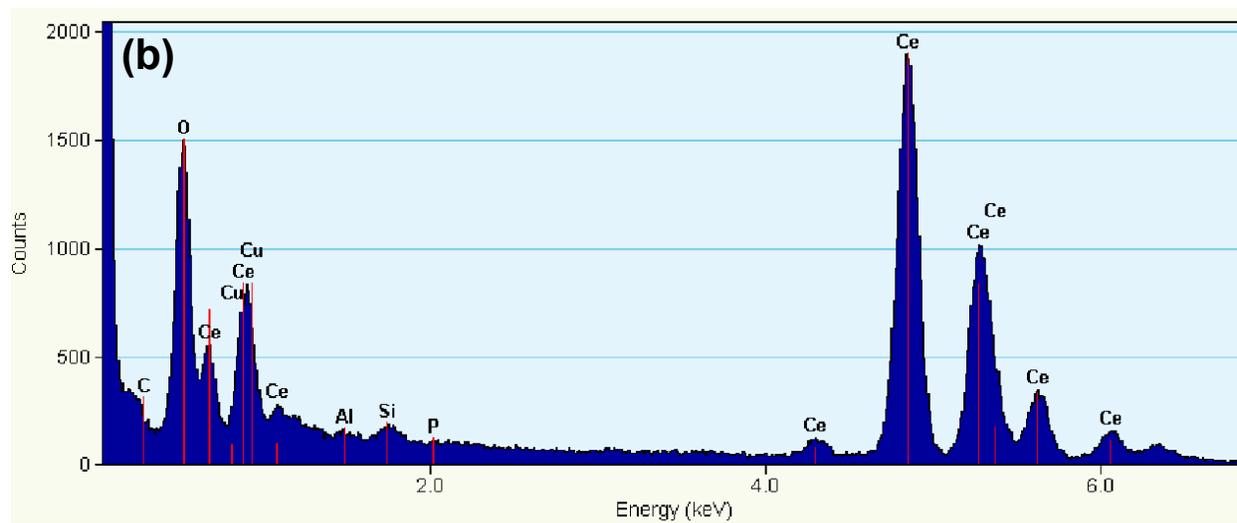
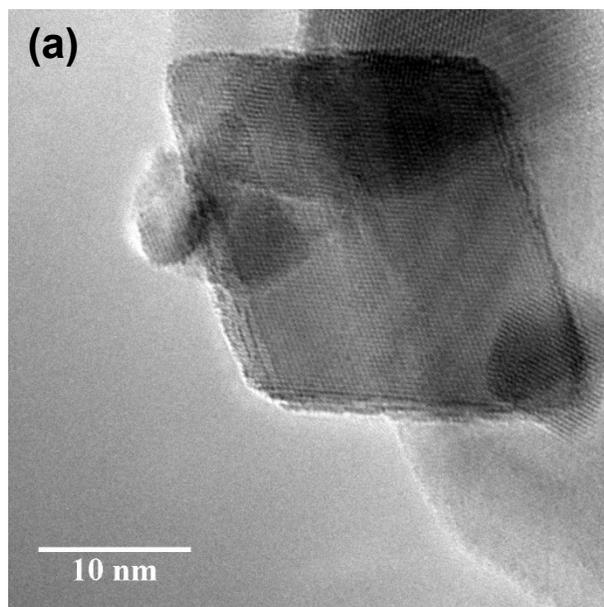


FIGURE S1. (a) High-resolution TEM image and (b) TEM-EDS spectrum of n-CeO₂.

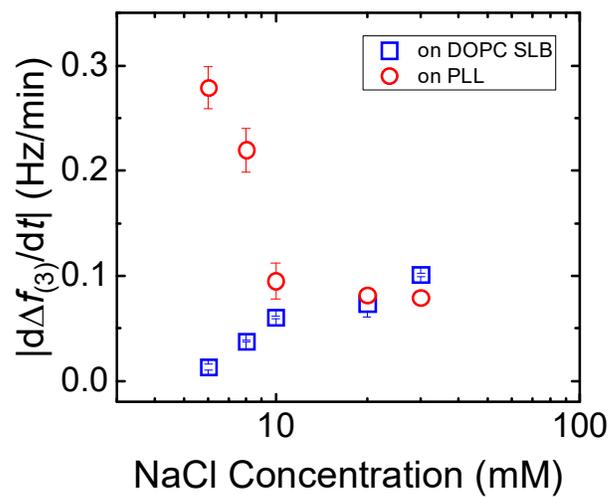


FIGURE S2. Deposition rates of n-CeO₂ on DOPC SLBs and PLL as a function of NaCl concentration at pH 8.0. The concentration of n-CeO₂ was 6.83 mg/L.

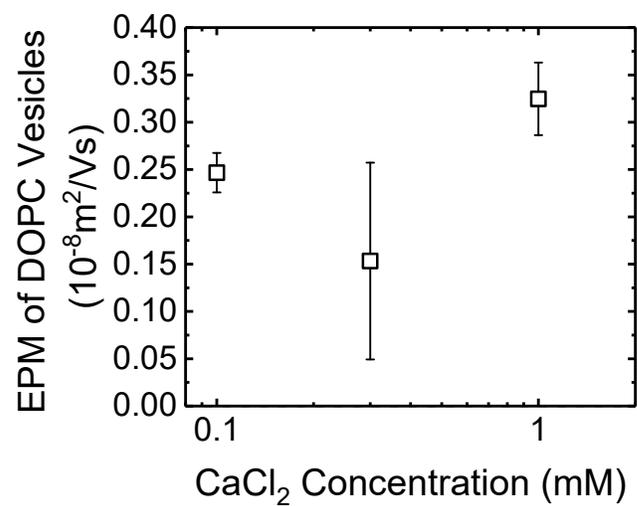


FIGURE S3. EPMs of 25 mg/L DOPC vesicles as a function of CaCl₂ concentration at pH 5.5. Error bars represent standard deviations of triplicates.

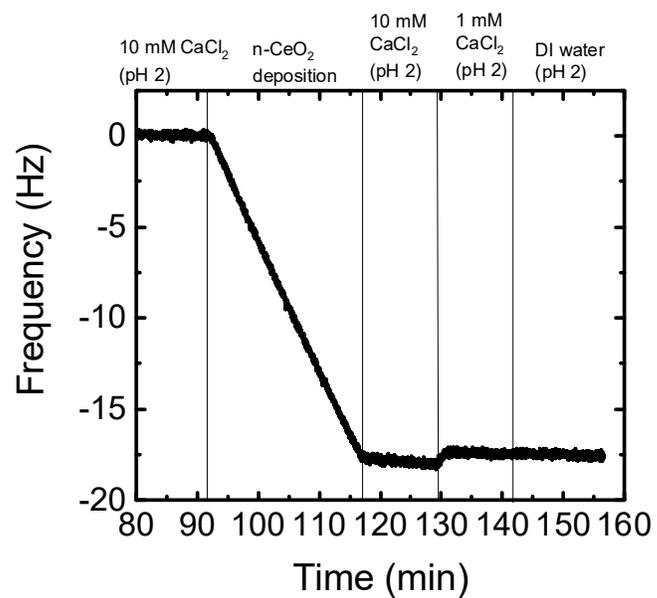


FIGURE S4. Influence of decreasing CaCl₂ concentration on the reversibility of n-CeO₂ deposition on DOPC SLBs at pH 2.0.