Electronic Supplementary Material (ESI) for RSC Advances.

Novel $CeMo_xO_y$-clay hybrid catalysts with layered structure for selective catalytic reduction of NO_x by NH_3

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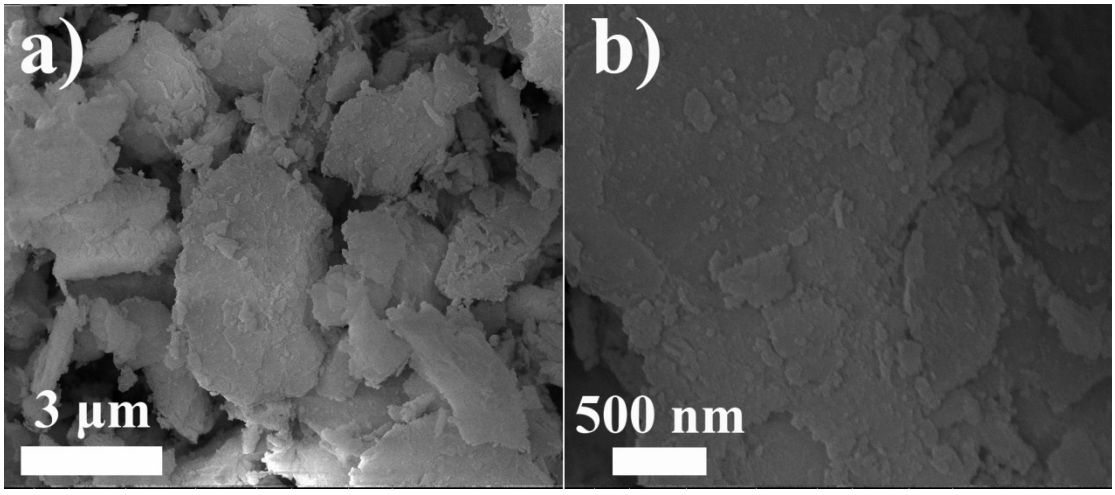

Figure S1 TEM of the $CeMo_{0.15}O_x$-OC-550 catalyst

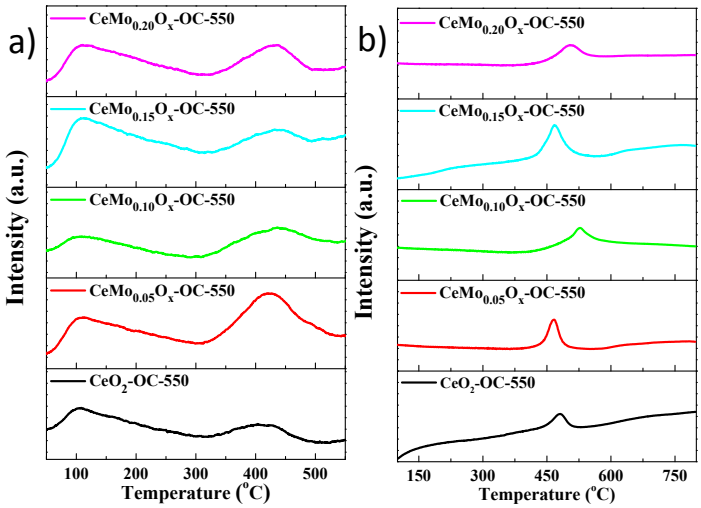

Figure S2 a) NH_3-TPD and b) H_2-TPR of $CeMo_xO_y$-OC-550 catalysts with different Mo/Ce ratios

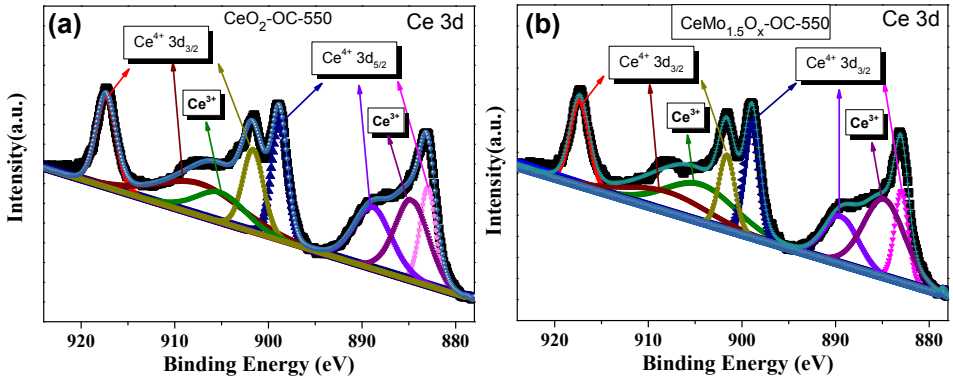

Figure S3 XPS spectra of Ce 3d for CeO_2-OC-550 and $CeMo_{0.15}O_x$-OC-550 catalysts.

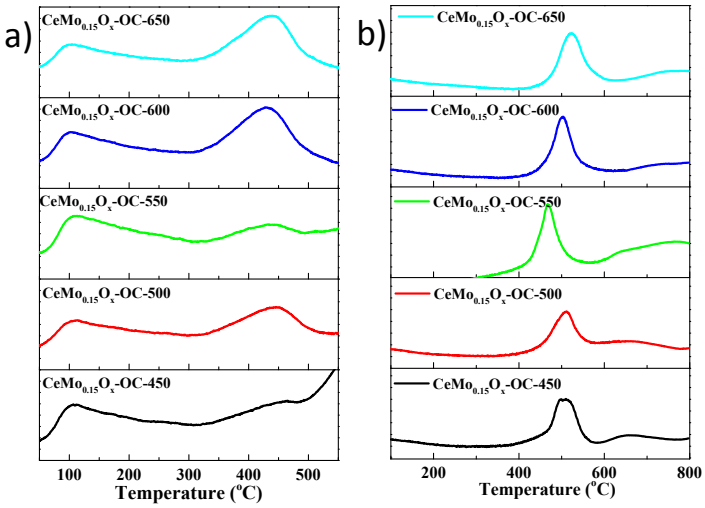

Figure S4 a) NH_3-TPD and b) H_2-TPR of $CeMo_{0.15}O_x$-OC-T catalysts with different calcination temperature.