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## ACCEPTED MANUSCRIPT

# Effect of the exposed ceria morphology on the catalytic activity of gold/ceria catalysts for the preferential oxidation of carbon monoxide

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#### Abstract

Ceria (CeO<sub>2</sub>) with different crystal-planes were used as supports to synthesize gold (Au)/CeO<sub>2</sub> catalysts for the preferential oxidation of carbon monoxide (CO). A CeO<sub>2</sub> morphology-dependent Au-CeO<sub>2</sub> interaction was observed. Au/CeO<sub>2</sub>-R in this present work performed the

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