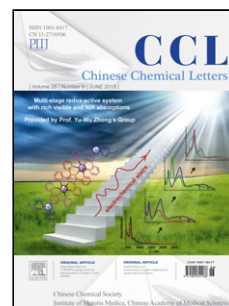


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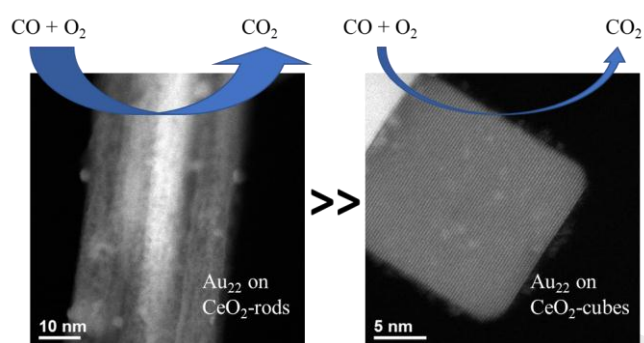
Communication

CO oxidation over ceria supported Au₂₂ nanoclusters: Shape effect of the supportZili Wu^{a*}, David R. Mullins^a, Lawrence F. Allard^b, Qianfan Zhang^c, Laisheng Wang^c^aChemical Science Division and Center for Nanophase Materials Sciences, Oak Ridge National Laboratory, Oak Ridge, Tennessee 37831, USA.^bMaterials Science and Technology Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee 37831, USA.^cDepartment of Chemistry, Brown University, Providence, Rhode Island 02912, USA.**Graphical Abstract**CO oxidation over ceria supported Au₂₂ nanoclusters: Shape effect of the supportZili Wu^{a*}, David R. Mullins^a, Lawrence F. Allard^b, Qianfan Zhang^c, Laisheng Wang^c

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CO oxidation over ceria-supported Au₂₂ nanoclusters shows strong dependence on the support shape: the lattice oxygen in CeO₂ rods is more reactive than in the cubes and thus make rods a superior support for Au nanoclusters in catalyzing low temperature CO oxidation

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