

# Accepted Manuscript

Crystallite Size Dependency of Thermal Expansion in Ceria Nanoparticles

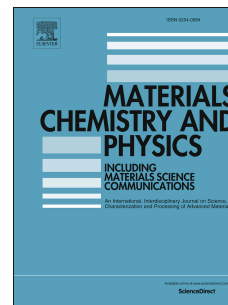
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### Highlights

- Uniform sets of ceria nanoparticles are prepared and their thermal expansion is measured
- Temperature response of the lattice is found to vary with crystallite size
- The relative contributions of surface adsorbents and oxygen vacancies are calculated from the temperature response variation.

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