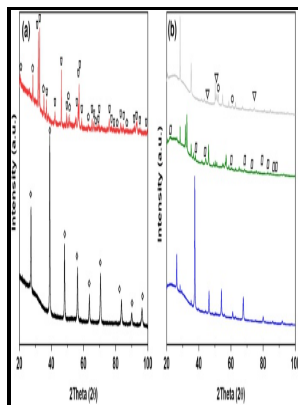


Methane steam reforming over LaCr_{1-x}Ni_xO₃ perovskite catalysts.

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-Methane steam reforming over LaCr_{1-x}Ni_xO₃ perovskite catalysts.

-

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Notes: Thesis (M.Sc.) -- University of Toronto, 2000.

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Tags: #Combined #steam #and #CO₂ #reforming #of #methane #over #La₁

Kinetic of methane steam reforming reaction over nickel

These two situations require different approaches.

Voltammetry study of electrocatalytic activity of lanthanum nickel perovskite nanoclusters

In: 9th Novel Gas Conversion Symposium, 2010, Lyon - França. In this Review, we present the perovskite oxide family as a basis for developing such catalysts for electro chemical conversions spanning carbon, nitrogen, and oxygen chemistries.

Activity and sulfur tolerance of lanthanum strontium titanate based perovskite catalysts for dodecane reforming

The dependence of defect structure on oxygen partial pressure is considered here for a general system, MO₂-AO, assuming that the intrinsic defects in pure MO₂ are of the Schottky type. Journal of Electrochemistry, 2004, 10 3 : 340-345. In addition, the perovskite layer deposited on the nanostructured Si wafer became rougher as the etching time and rotation speed increased.

lacro3 perovskite prepared: Topics by Science.gov

A review; the burgeoning field of nanoscience has stimulated an intense interest in properties that depend on particle size.

Steam Reforming of Glycerol Over Nano Size Ni

In particular, highly luminescent perovskite-organic semiconductor composite thin films have been developed, which can be processed from solution in a simple coating step.

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