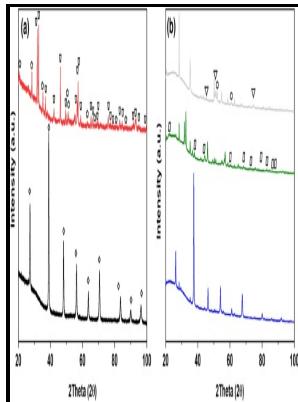


# Methane steam reforming over LaCr<sub>1-x</sub>Ni<sub>x</sub>O<sub>3</sub> perovskite catalysts.

**National Library of Canada - Voltammetry study of electrocatalytic activity of lanthanum nickel perovskite nanoclusters**



Description: -

-Methane steam reforming over LaCr<sub>1-x</sub>Ni<sub>x</sub>O<sub>3</sub> perovskite catalysts.

- Canadian theses = -- Thèses canadiennes  
Methane steam reforming over LaCr<sub>1-x</sub>Ni<sub>x</sub>O<sub>3</sub> perovskite catalysts.

Notes: Thesis (M.Sc.) -- University of Toronto, 2000.  
This edition was published in 2000



Filesize: 38.73 MB

Tags: #Combined #steam #and #CO<sub>2</sub> #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, MO<sub>2</sub>-AO, assuming that the intrinsic defects in pure MO<sub>2</sub> 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.

## Iacro3 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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