Methane steam reforming over LaCr1-x NixO3 perovskite catalysts.

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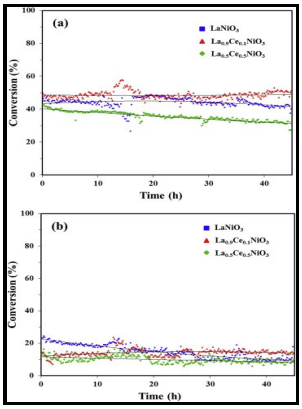

Description: -
-Methane steam reforming over LaCr1-x NixO3 perovskite catalysts.
-
Canadian theses = -- Thèses canadiennesMethane steam reforming over LaCr1-x NixO3 perovskite catalysts.
Notes: Thesis (M.Sc.) -- University of Toronto, 2000.
This edition was published in 2000

Tags: #Ni

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

In: 16 Congresso Brasileiro de Catálise, 2011, Campos do Jordão.

Perovskite Catalysts for Fuel Reforming in SOFC:A Review and Perspective

The heat transfer limitations due to the endothermicity of methane steam reforming reaction could be effectively overcome by microwave MW heating.

A review on perovskite catalysts for reforming of methane to hydrogen production

Abhijith KV, Kumar P, Gallagher J, McNabola A, Baldauf R, Pilla F, Broderick B, Di Sabatino S, Pulvirenti B 2017 Air pollution abatement performances of green infrastructure in open road and built-up street canyon environments—a review.

Perovskite Catalysts for Fuel Reforming in SOFC:A Review and Perspective

The presently reported approach provides a promising avenue for doping TM ions into perovskites QDs enabling a wider control over optical and magnetic properties for this new class of QDs. Another interesting effect observed for the studied samples is pronounced strengthening of the weak ferromagnetism of in Cr III - doped samples, associated with slight decrease of the ferromagnetic ordering temperature from 8. Int J Hydrog Energy 41:2447—2456 Cite this article Gonçalves, J.

Differences in the Nature of Active Sites for Methane Dry Reforming and Methane Steam Reforming over Nickel Aluminate Catalysts

Since the reduction of greenhouse gases is the top priority of the Energy Transition, primary electricity should be converted to material energy

carriers. The latter reduces Cu II to Cu I , and coupling of the resulting radicals gives the conjugated product.

Steam Reforming of Methane Over Catalyst Derived from Ordered Double Perovskite: Effect of Crystalline Phase Transformation

Ion exchange is the obvious way to anchor the catalytic Fe ions. Bradford MC, Vannice MA 1996 Catalytic reforming of methane with carbon dioxide over nickel catalysts I.

Steam Reforming of Glycerol Over Nano Size Ni

Anais do XXII CONGRESSO BRASILEIRO DE ENGENHARIA QUÍMICA. Controlling the Reduction Extent for Metal Catalysts. At high Co contents, part of the Co is no longer located at lattice positions, but instead occupies cation-exchange positions in the Co-AlPO-5 lattice.

Effect of Doping Niobia over Ni/Al 2 O 3 Catalysts for Methane Steam Reforming

Thus, it is interesting to study the structure sensitivity of both reactions as concepts to steer the activity, selectivity, and even stability of these reactions.

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