عنوان مقاله:

A review of the reaction kinetics of methane reforming

محل انتشار:

نویسندگان:

Ali Fazeli - *Caspian Faculty of Engineering, College of Engineering, University of Tehran*

Hale Baghernavshci - *Caspian Faculty of Engineering, College of Engineering, University of Tehran*

Reza Zakeri - *Caspian Faculty of Engineering, College of Engineering, University of Tehran*

خلاصه مقاله:

Producing clean gas like hydrogen is common on an industrial scale. One of the best methods to produce hydrogen is reforming. Molding of reforming is so recommended because of economic aspects. Knowledge about the kinetics of this reaction makes the best modeling. Langmuir Hinshelwood is the common kinetic between all kinetics. In this research, we tried to summarize all of the kinetics rate equations in one table and compare them.

کلمات کلیدی:

Steam methane reforming, Kinetic model, Rate equations, Langmuir Hinshelwood

لینک ثابت مقاله در پایگاه سیویلیکا: