

## عنوان مقاله:

Immobilization and characterization of Pd catalyst on ionic liquid based periodic mesoporous organosilica: As an efficient and reusable catalyst for Sonogashira coupling reaction

## محل انتشار:

پنجمین کنفرانس ملی پژوهش های نوین در شیمی و مهندسی شیمی (سال: 1397)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

In this paper, an ordered mesoporous organosilica with ionic liquid framework supported palladium (Pd@PMO-IL) was synthesized and characterized by using Fourier transform infrared spectroscopy (FTIR) and scanning electron microscopy (SEM) techniques. The catalytic application of the Pd@PMO-IL was investigated in Sonogashira coupling reaction that products with good yields were obtained. The recoverability and reusability of the catalyst were also investigated under applied conditions

## کلمات کلیدی:

Mesoporous Organosilica, palladium, ionic liquid, Sonogashira coupling reaction

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/909889>

