

Accepted Manuscript

Ni modified Pd nanoparticles immobilized on hollow nitrogen doped carbon spheres for the simhydrogenation of phenylacetylene

Wei Wu, Wei Zhang, Yu Long, Jiaheng Qin, He Wen, Jiantai Ma

PII: S0021-9797(18)30825-7
DOI: <https://doi.org/10.1016/j.jcis.2018.07.069>
Reference: YJCIS 23860

To appear in: *Journal of Colloid and Interface Science*

Received Date: 28 April 2018
Revised Date: 14 July 2018
Accepted Date: 17 July 2018

Please cite this article as: W. Wu, W. Zhang, Y. Long, J. Qin, H. Wen, J. Ma, Ni modified Pd nanoparticles immobilized on hollow nitrogen doped carbon spheres for the simhydrogenation of phenylacetylene, *Journal of Colloid and Interface Science* (2018), doi: <https://doi.org/10.1016/j.jcis.2018.07.069>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Ni modified Pd nanoparticles immobilized on hollow nitrogen doped carbon spheres for the simehydrogenation of phenylacetylene

Wei Wu, Wei Zhang, Yu Long, Jiaheng Qin, He Wen, Jiantai Ma *

State Key Laboratory of Applied Organic Chemistry (SKLAOC), Gansu Provincial Engineering Laboratory for Chemical Catalysis, College of Chemistry and Chemical Engineering, Lanzhou University, Lanzhou, 730000, PR China

E-mail address: majiantai@lzu.edu.cn (J. Ma)

Abstract

In this work, Ni modified Pd nanoparticles immobilized on hollow nitrogen doped carbon spheres were successfully prepared, denoted as Pd/Ni-N/C. The Pd/Ni-N/C showed a moderate catalytic activity for the catalytic reduction of 4-nitrophenol as a model reaction. When applied

Download English Version:

<https://daneshyari.com/en/article/6989360>

Download Persian Version:

<https://daneshyari.com/article/6989360>

[Daneshyari.com](https://daneshyari.com)