Accepted Manuscript

Title: Graphite encapsulated molybdenum carbide core/shell nanocomposite for highly selective conversion of guaiacol to phenolic compounds in methanol



Author: Rui Li Abolghasem Shahbazi Lijun Wang Bo Zhang Albert M. Hung David C. Dayton

PII:	S0926-860X(16)30480-X
DOI:	http://dx.doi.org/doi:10.1016/j.apcata.2016.09.016
Reference:	APCATA 16012
To appear in:	Applied Catalysis A: General
Received date:	19-7-2016
Revised date:	23-9-2016
Accepted date:	26-9-2016

Please cite this article as: Rui Li, Abolghasem Shahbazi, Lijun Wang, Bo Zhang, Albert M.Hung, David C.Dayton, Graphite encapsulated molybdenum carbide core/shell nanocomposite for highly selective conversion of guaiacol to phenolic compounds in methanol, Applied Catalysis A, General http://dx.doi.org/10.1016/j.apcata.2016.09.016

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.

ACCEPTED MANUSCRIPT

1	Graphite encapsulated molybdenum carbide core/shell
2	nanocomposite for highly selective conversion of guaiacol
3	to phenolic compounds in methanol
4	
5	
6 7	Rui Li ^a , Abolghasem Shahbazi ^b *, Lijun Wang ^b , Bo Zhang ^b , Albert M. Hung ^a , David C.
8	Dayton ^c
9	
10	^a Joint School of Nanoscience and Nanoengineering, North Carolina A & T State
11	University, Greensboro, NC 27411, USA
12	^b Biological Engineering Program, Department of Natural Resources and Environmental
13	Design, North Carolina A & T State University, 1601 East Market Street, Greensboro,
14	NC 27411
15	^c Energy Technology Division, RTI International, 3040 East Cornwallis Road, Research
16	Triangle Park, Durham, NC 27709

17 Graphical abstract

Download English Version:

https://daneshyari.com/en/article/4755896

Download Persian Version:

https://daneshyari.com/article/4755896

Daneshyari.com