Accepted Manuscript

Title: Cu-containing MFI zeolites as catalysts for wet peroxide oxidation of formic acid as model organic contaminant

Author: Oxana P. Taran Svetlana A. Yashnik Artemiy B. Ayusheev Anna S. Piskun Roman V. Prihod'ko Zinfer R. Ismagilov Vladislav V. Goncharuk Valentin N. Parmon

PII: S0926-3373(13)00267-1

DOI: http://dx.doi.org/doi:10.1016/j.apcatb.2013.04.050

Reference: APCATB 12630

To appear in: Applied Catalysis B: Environmental

Received date: 21-12-2012 Revised date: 16-4-2013 Accepted date: 23-4-2013

Please cite this article as: O.P. Taran, S.A. Yashnik, A.B. Ayusheev, A.S. Piskun, R.V. Prihod'ko, Z.R. Ismagilov, V.V. Goncharuk, V.N. Parmon, Cucontaining MFI zeolites as catalysts for wet peroxide oxidation of formic acid as model organic contaminant, *Applied Catalysis B, Environmental* (2013), http://dx.doi.org/10.1016/j.apcatb.2013.04.050

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

Cu-containing MFI zeolites as catalysts for wet peroxide oxidation of formic acid as

1

2	model organic contaminant
3	Oxana P. Taran ^{a,b,1} , Svetlana A. Yashnik ^a , Artemiy B. Ayusheev ^a , Anna S. Piskun ^a ,
4	Roman V. Prihod'ko ^c , Zinfer R. Ismagilov ^a , Vladislav V. Goncharuk ^c , Valentin N. Parmon ^{a,d}
5	
6	^a Boreskov Institute of Catalysis, Siberian Branch of the Russian Academy of Sciences, 5 prosp. Lavrentieva,
7	630090, Novosibirsk, Russia
8	
9	^b Novosibirsk State Technical University, 20 prosp. K. Marx, 20, Novosibirsk, 630092, Russia
10	
11	^c Dumansky Institute of Colloid and Water Chemistry, National Academy of Sciences of Ukraine,
12	42 blv. Vernadskogo, Kiev-142, 03680, Ukraine
13	
14	^d Novosibirsk State University, 2 st. Pirogova, Novosibirsk, 630090, Russia
15	

Fax: +7 (383) 3343056 - E-mail address: oxanap@catalysis.ru (O. Taran)

1

¹ Corresponding author: Boreskov Institute of Catalysis, Siberian Branch of the Russian Academy of Sciences, 5 pr. Lavrentieva, 630090 Novosibirsk, Russia.

Download English Version:

https://daneshyari.com/en/article/6502131

Download Persian Version:

https://daneshyari.com/article/6502131

<u>Daneshyari.com</u>