Accepted Manuscript

Article

Synthesis of rod-like metal-organic framework (MOF-5) nanomaterial for efficient removal of U(VI): batch experiments and spectroscopy study

Yihan Wu, Hongwei Pang, Wen Yao, Xiangxue Wang, Shujun Yu, Zhimin Yu, Xiangke Wang

PII: S2095-9273(18)30243-3

DOI: https://doi.org/10.1016/j.scib.2018.05.021

Reference: SCIB 413

To appear in: Science Bulletin

Received Date: 16 March 2018 Revised Date: 19 April 2018 Accepted Date: 14 May 2018



Please cite this article as: Y. Wu, H. Pang, W. Yao, X. Wang, S. Yu, Z. Yu, X. Wang, Synthesis of rod-like metalorganic framework (MOF-5) nanomaterial for efficient removal of U(VI): batch experiments and spectroscopy study, *Science Bulletin* (2018), doi: https://doi.org/10.1016/j.scib.2018.05.021

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

Article

Received 16-March-2018; Revised 19-April-2018; Accepted 14-May-2018

Synthesis of rod-like metal-organic framework (MOF-5) nanomaterial for efficient removal of U(VI): batch experiments and spectroscopy study

Yihan Wu,^a Hongwei Pang,^a Wen Yao,^a Xiangxue Wang,^{a,b} Shujun Yu,^{a*} Zhimin Yu,^c

Xiangke Wang^{a,c,d*}

^a College of Environmental Science and Engineering, North China Electric Power University, Beijing 102206, China

^b Department of Environmental Science and Engineering, North China Electric Power University, Baoding 071003, China

^c Department of Biology and Environmental Engineering, Hefei University, Hefei 230000, China

^d Collaborative Innovation Center of Radiation Medicine of Jiangsu Higher Education Institutions and School for Radiological and Interdisciplinary Sciences, Soochow University, Suzhou 215123, China

Corresponding author. Email: xkwang@ncepu.edu.cn (X.K. Wang), yushujun0801@163.com (S.J. Yu).

Download English Version:

https://daneshyari.com/en/article/8917212

Download Persian Version:

https://daneshyari.com/article/8917212

<u>Daneshyari.com</u>