Accepted Manuscript

Regular Article

To appear in:

Melem-based derivatives as metal-free photocatalysts for simultaneous reduction of Cr(VI) and degradation of 5-Sulfosalicylic acid

Huachun Lan, Lili Li, Huijuan Liu, Xiaoqiang An, Fei Liu, Cuibai Chen, Jiuhui Qu

 PII:
 S0021-9797(17)30865-2

 DOI:
 http://dx.doi.org/10.1016/j.jcis.2017.07.099

 Reference:
 YJCIS 22628

Journal of Colloid and Interface Science

Received Date:5 June 2017Revised Date:24 July 2017Accepted Date:27 July 2017



Please cite this article as: H. Lan, L. Li, H. Liu, X. An, F. Liu, C. Chen, J. Qu, Melem-based derivatives as metalfree photocatalysts for simultaneous reduction of Cr(VI) and degradation of 5-Sulfosalicylic acid, *Journal of Colloid and Interface Science* (2017), doi: http://dx.doi.org/10.1016/j.jcis.2017.07.099

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

Melem-based derivatives as metal-free photocatalysts for simultaneous reduction of Cr(VI) and degradation of 5-Sulfosalicylic acid

Huachun Lan^a, Lili Li^{a, c}, Huijuan Liu^{b,d}, Xiaoqiang An^{a,*}, Fei Liu^c, Cuibai Chen^c, Jiuhui Qu^{a,d}

^a Key Laboratory of Drinking Water Science and Technology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085, China.

E-mail: xqan@ressc.ac.cn

^b State Key Laboratory of Environmental Aquatic Chemistry, Research Center for Eco-Environmental

MANU

Sciences, Chinese Academy of Sciences, Beijing 100085, China

^c China University of Geosciences, 100083, Beijing, PR China.

^d University of Chinese Academy of Sciences, Beijing 100049, China

E-mail address of each author

Huachun Lan: lhclan@126.com Lili Li: lily100428@163.com Huijuan Liu: hjliu@rcees.ac.cn Xiaoqiang An: xqan@rcees.ac.cn Fei Liu: feiliu@cugb.edu.cn Cuibai Chen: chencuibai@cugb.edu.cn Jiuhui Qu: jhqu@rcees.ac.cn

Graphical abstract:



Melem-based derivatives : Effcient synergetic photocatalysts

Download English Version:

https://daneshyari.com/en/article/4984363

Download Persian Version:

https://daneshyari.com/article/4984363

Daneshyari.com