

Accepted Manuscript

Rapid and efficient removal of organic micropollutants from environmental water using a magnetic nanoparticles-attached fluorographene-based sorbent

Wenjing Wang, Zhenlan Xu, Xiaoxia Zhang, Andreas Wimmer, En Shi, Yang Qin, Xueping Zhao, Baocheng Zhou, Lingxiangyu Li

PII: S1385-8947(18)30314-0
DOI: <https://doi.org/10.1016/j.cej.2018.02.101>
Reference: CEJ 18580

To appear in: *Chemical Engineering Journal*

Received Date: 26 January 2018
Revised Date: 22 February 2018
Accepted Date: 23 February 2018

Please cite this article as: W. Wang, Z. Xu, X. Zhang, A. Wimmer, E. Shi, Y. Qin, X. Zhao, B. Zhou, L. Li, Rapid and efficient removal of organic micropollutants from environmental water using a magnetic nanoparticles-attached fluorographene-based sorbent, *Chemical Engineering Journal* (2018), doi: <https://doi.org/10.1016/j.cej.2018.02.101>

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.



Rapid and efficient removal of organic micropollutants from environmental water using a magnetic nanoparticles-attached fluorographene-based sorbent

Wenjing Wang^{a,#}, Zhenlan Xu^{b,#}, Xiaoxia Zhang^a, Andreas Wimmer^c, En Shi^a, Yang Qin^a, Xueping Zhao^b,
Baocheng Zhou^a, Lingxiangyu Li^{a,*}

^a Department of Chemistry, School of Sciences, Zhejiang Sci-Tech University, Hangzhou 310018, China

^b Agricultural Ministry Key Laboratory for Pesticide Residue Detection, Institute of Quality and Standard of Agro-Products, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021, China

^c Department of Chemistry, Technical University of Munich, Garching 85748, Germany

[#] These authors contributed equally to this work

Corresponding Author:

* Dr. Lingxiangyu Li

E-mail: lingxiangyu.li@zstu.edu.cn

Tel: +86 571 86843228

Fax: +86 571 86843600

Download English Version:

<https://daneshyari.com/en/article/6579610>

Download Persian Version:

<https://daneshyari.com/article/6579610>

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