

## Accepted Manuscript

Title: Fabrication of terminal amino hyperbranched polymer modified graphene oxide and its prominent adsorption performance towards Cr(VI)

Authors: Qiaoping Kong, Jingyue Wei, Yun Hu, Chaohai Wei



PII: S0304-3894(18)30878-1  
DOI: <https://doi.org/10.1016/j.jhazmat.2018.09.084>  
Reference: HAZMAT 19808

To appear in: *Journal of Hazardous Materials*

Received date: 11-7-2018  
Revised date: 20-9-2018  
Accepted date: 29-9-2018

Please cite this article as: Kong Q, Wei J, Hu Y, Wei C, Fabrication of terminal amino hyperbranched polymer modified graphene oxide and its prominent adsorption performance towards Cr(VI), *Journal of Hazardous Materials* (2018), <https://doi.org/10.1016/j.jhazmat.2018.09.084>

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.

**Fabrication of terminal amino hyperbranched polymer modified graphene oxide  
and its prominent adsorption performance towards Cr(VI)**

Qiaoping Kong<sup>a</sup>, Jingyue Wei<sup>a</sup>, Yun Hu<sup>a,b</sup>, Chaohai Wei<sup>a,b,\*1</sup>

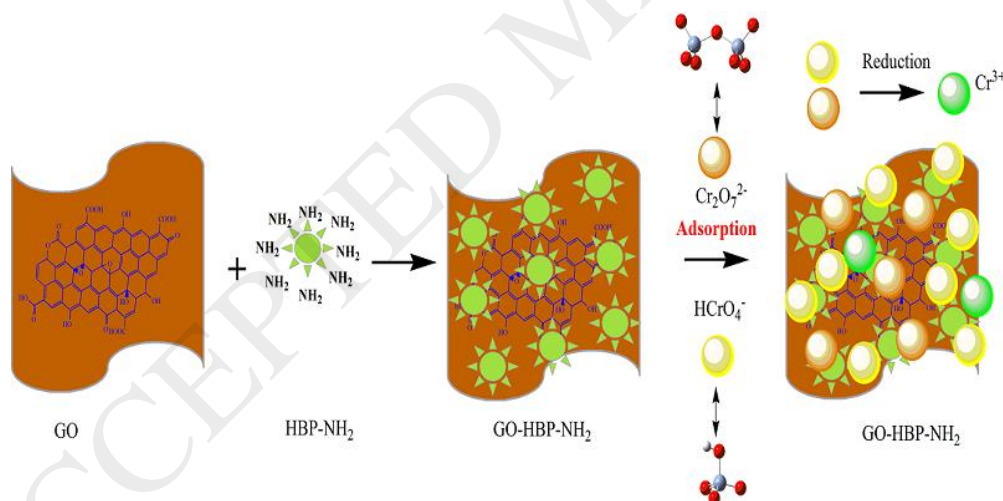
<sup>a</sup> School of Environment and Energy, South China University of Technology, Guangzhou 510006, PR China

<sup>b</sup> The Key Lab of Pollution Control and Ecosystem Restoration in Industry Clusters, Ministry of Education, South China University of Technology, Guangzhou 510006, PR China

\*Corresponding author: School of Environment and Energy, South China University of Technology, Guangzhou 510006, PR China. Tel: 86+20+39380588.

E-mail address: cechwei@scut.edu.cn (C.H. Wei)

**Graphical abstract**



**Highlights:**

- Three terminal amino hyperbranched polymer modified graphene oxide adsorbents were prepared to remove Cr(VI).

Download English Version:

<https://daneshyari.com/en/article/11009898>

Download Persian Version:

<https://daneshyari.com/article/11009898>

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