

## Accepted Manuscript

Magnetic molecularly imprinted polymers for spectrophotometric quantification of curcumin in food

Xiuying Liu, Lijie Zhu, Xue Gao, Yuxin Wang, Haixia Lu, Yiwei Tang, Jianrong Li

PII: S0308-8146(16)30161-3

DOI: <http://dx.doi.org/10.1016/j.foodchem.2016.02.015>

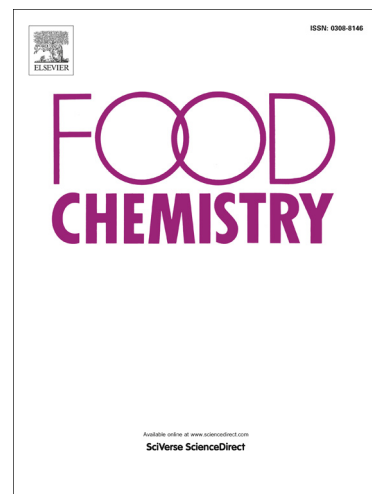
Reference: FOCH 18735

To appear in: *Food Chemistry*

Received Date: 25 July 2015

Revised Date: 5 December 2015

Accepted Date: 1 February 2016



Please cite this article as: Liu, X., Zhu, L., Gao, X., Wang, Y., Lu, H., Tang, Y., Li, J., Magnetic molecularly imprinted polymers for spectrophotometric quantification of curcumin in food, *Food Chemistry* (2016), doi: <http://dx.doi.org/10.1016/j.foodchem.2016.02.015>

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.

**Magnetic molecularly imprinted polymers for spectrophotometric  
quantification of curcumin in food**

**Running title: Magnetic molecularly imprinted polymers for curcumin  
quantification**

Xiuying Liu<sup>a,1</sup>, Lijie Zhu<sup>a,1</sup>, Xue Gao<sup>a</sup>, Yuxin Wang<sup>a</sup>, Haixia Lu<sup>b</sup>, Yiwei Tang<sup>a,\*</sup> and Jianrong Li<sup>a,\*</sup>

<sup>a</sup> *College of Food Science and Technology, Bohai University, Food Safety Key Lab of Liaoning*

*Province, National & Local Joint Engineering Research Center of Storage,*

*Processing and Safety Control Technology for Fresh Agricultural and Aquatic Products; Jinzhou,*

*Liaoning, 121013, China;*

<sup>b</sup> *College of Food Science and Biotechnology, Zhejiang Gongshang University, Hangzhou 310035*

\* Corresponding author: Jianrong Li, Email: lijr6491@163.com Tel/Fax: +86-416-3400008; Yiwei

Tang, tangyiwei81@163.com Tel/Fax: +86-416-3719190.

<sup>1</sup> X. Liu and L. Zhu contribute equally to this article.

Download English Version:

<https://daneshyari.com/en/article/7589261>

Download Persian Version:

<https://daneshyari.com/article/7589261>

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