

Accepted Manuscript

Fabrication of a novel magnetic mesoporous molecularly imprinted polymer based on *pericarpium granati*-derived carrier for selective absorption of bromelain

Xinya Xu, Ruilin Liu, Pengqi Guo, Zhimin Luo, Xiang Cai, Hua Shu, Yanhui Ge, Chun Chang, Qiang Fu

PII: S0308-8146(18)30355-8
DOI: <https://doi.org/10.1016/j.foodchem.2018.02.118>
Reference: FOCH 22502

To appear in: *Food Chemistry*

Received Date: 26 July 2017
Revised Date: 26 January 2018
Accepted Date: 21 February 2018

Please cite this article as: Xu, X., Liu, R., Guo, P., Luo, Z., Cai, X., Shu, H., Ge, Y., Chang, C., Fu, Q., Fabrication of a novel magnetic mesoporous molecularly imprinted polymer based on *pericarpium granati*-derived carrier for selective absorption of bromelain, *Food Chemistry* (2018), doi: <https://doi.org/10.1016/j.foodchem.2018.02.118>

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 a novel magnetic mesoporous molecularly imprinted polymer
based on *pericarpium granati*-derived carrier for selective absorption of
bromelain**

Xinya Xu, Ruilin Liu, Pengqi Guo, Zhimin Luo, Xiang Cai, Hua Shu, Yanhui Ge,

Chun Chang, Qiang Fu*

School of Pharmacy, Xi'an Jiaotong University, Xi'an 710061, PR China

*Corresponding authors: Qiang Fu

E-mail: fuqiang@mail.xjtu.edu.cn

Tel: +862982655382

Running title:

Fabrication of bromelain magnetic mesoporous imprinted polymers

Abstract

Bromelain, a cysteine endopeptidase enzyme of great commercial value, has been widely used in food, pharmaceutical, and cosmetic industries. Conventional methods

Download English Version:

<https://daneshyari.com/en/article/7585204>

Download Persian Version:

<https://daneshyari.com/article/7585204>

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