

Accepted Manuscript

Highly effective extraction of hydroxycinnamic acids by hydrogen-bonding-functionalized ionic liquids

Yunchang Fan, Xiaojing Li, Ping Shen, Hongxin Cai, Feifei Li, Yongxiang Wang

PII: S1383-5866(16)32056-1

DOI: <http://dx.doi.org/10.1016/j.seppur.2017.01.057>

Reference: SEPPUR 13520

To appear in: *Separation and Purification Technology*

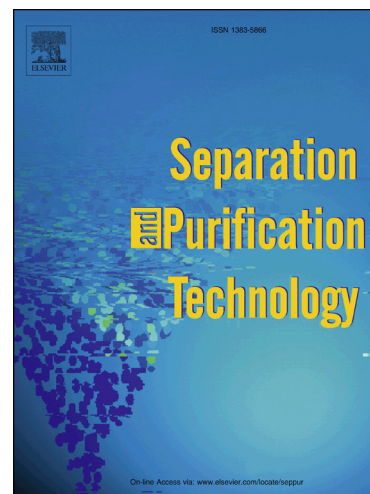
Received Date: 20 October 2016

Revised Date: 6 January 2017

Accepted Date: 22 January 2017

Please cite this article as: Y. Fan, X. Li, P. Shen, H. Cai, F. Li, Y. Wang, Highly effective extraction of hydroxycinnamic acids by hydrogen-bonding-functionalized ionic liquids, *Separation and Purification Technology* (2017), doi: <http://dx.doi.org/10.1016/j.seppur.2017.01.057>

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.



Highly effective extraction of hydroxycinnamic acids by hydrogen-bonding-functionalized ionic liquids

Yunchang Fan^a, Xiaojing Li^a, Ping Shen^b, Hongxin Cai^{c,*}, Feifei Li^a, Yongxiang Wang^{d,*}

^a*College of Chemistry and Chemical Engineering, Henan Polytechnic University, Jiaozuo 454003, China*

^b*School of Materials Science and Engineering, Henan Polytechnic University, Jiaozuo 454003, China*

^c*School of Physics and Electronic Information, Henan Polytechnic University, Jiaozuo 454003, China*

^d*Henan Key Laboratory of Biomolecular Recognition and Sensing, College of Chemistry and Chemical Engineering, Shangqiu Normal University, Shangqiu, 476000, China*

*To whom all the correspondence should be addressed.

E-mail address: hongxincai2013@163.com; wangyx2006@pku.edu.cn

Tel.: +863913986813, Fax: +863913987815.

Download English Version:

<https://daneshyari.com/en/article/4990066>

Download Persian Version:

<https://daneshyari.com/article/4990066>

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