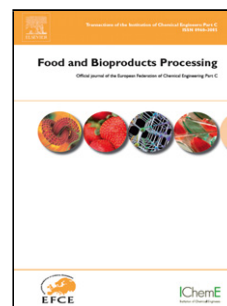


Accepted Manuscript

Title: Far-infrared radiation heating assisted pulsed vacuum drying (FIR-PVD) of Wolfberry (*Lycium barbarum* L.): effects on drying kinetics and quality attributes

Authors: Long Xie, Arun S Mujumdar, Xiao-Ming Fang, Jun Wang, Jian-Wu Dai, Zhi-Long Du, Hong-Wei Xiao, Yanhong Liu, Zhen-Jiang Gao



PII: S0960-3085(17)30012-3
DOI: <http://dx.doi.org/doi:10.1016/j.fbp.2017.01.012>
Reference: FBP 835

To appear in: *Food and Bioprocess Technology*

Received date: 10-11-2016
Revised date: 30-12-2016
Accepted date: 28-1-2017

Please cite this article as: Xie, Long, Mujumdar, Arun S, Fang, Xiao-Ming, Wang, Jun, Dai, Jian-Wu, Du, Zhi-Long, Xiao, Hong-Wei, Liu, Yanhong, Gao, Zhen-Jiang, Far-infrared radiation heating assisted pulsed vacuum drying (FIR-PVD) of Wolfberry (*Lycium barbarum* L.): effects on drying kinetics and quality attributes. *Food and Bioprocess Technology* <http://dx.doi.org/10.1016/j.fbp.2017.01.012>

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.

**Far-infrared radiation heating assisted pulsed vacuum drying (FIR-PVD) of
Wolfberry (*Lycium barbarum* L.): effects on drying kinetics and quality attributes**

Running Title: FIR-PVD enhances drying kinetics and quality of wolfberry

Long Xie^a, Arun S Mujumdar^b, Xiao-Ming Fang^c, Jun Wang^a,

Jian-Wu Dai^d, Zhi-Long Du^e, Hong-Wei Xiao^{a*}, Yanhong Liu^a, Zhen-Jiang Gao^{a*}

^a*College of Engineering, China Agricultural University, 17 Qinghua Donglu, Beijing 100083, China,*

^b*Department of Bioresource Engineering, McGill University, Ste. Anne de Bellevue, Quebec, Canada,*

^c*Institute of Bee Research, Chinese Academy of Agricultural Sciences, Xiangshan Beigou, Beijing*

100093, China,

^d*College of Mechanical and Electronic, Sichuan Agricultural University, Ya'an, Sichuan 625014, China,*

^e*Chinese Academy of Agricultural Mechanization Sciences, Beijing 100083, China*

* *Corresponding authors. Tel/Fax.: +86 10 62736900; Fax: +86 10 62736978.*

E-mail address: xhwcaugxy@163.com (H.W. Xiao) zjgao@cau.edu.cn (Z.J. Gao)

https://www.researchgate.net/profile/Hong_Wei_Xiao5

Download English Version:

<https://daneshyari.com/en/article/4752977>

Download Persian Version:

<https://daneshyari.com/article/4752977>

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