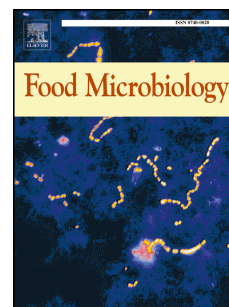


# Accepted Manuscript

Thermal inactivation of *Aspergillus flavus* in peanut kernels as influenced by temperature, water activity and heating rate

Shuang Zhang, Lihui Zhang, Ruange Lan, Xu Zhou, Xiaoxi Kou, Shaojin Wang



PII: S0740-0020(18)30015-7

DOI: [10.1016/j.fm.2018.05.015](https://doi.org/10.1016/j.fm.2018.05.015)

Reference: YFMIC 3020

To appear in: *Food Microbiology*

Received Date: 7 January 2018

Revised Date: 27 May 2018

Accepted Date: 29 May 2018

Please cite this article as: Zhang, S., Zhang, L., Lan, R., Zhou, X., Kou, X., Wang, S., Thermal inactivation of *Aspergillus flavus* in peanut kernels as influenced by temperature, water activity and heating rate, *Food Microbiology* (2018), doi: 10.1016/j.fm.2018.05.015.

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.

**Thermal inactivation of *Aspergillus flavus* in peanut kernels as influenced by  
temperature, water activity and heating rate**

Shuang Zhang<sup>1</sup>, Lihui Zhang<sup>1</sup>, Ruange Lan<sup>1</sup>, Xu Zhou<sup>1</sup>, Xiaoxi Kou<sup>1</sup>, Shaojin Wang<sup>1,2\*</sup>

<sup>1</sup>*Northwest A&F University, College of Mechanical and Electronic Engineering, Yangling,  
Shaanxi 712100, China*

<sup>2</sup>*Department of Biological Systems Engineering, Washington State University, 213 L.J. Smith  
Hall, Pullman, WA 99164-6120, USA*

\*Corresponding author: Shaojin Wang, Ph.D, Professor. Tel.: +86-29 87092319; fax: +86- 29  
87091737; Email address: [shaojinwang@nwsuaf.edu.cn](mailto:shaojinwang@nwsuaf.edu.cn)

Download English Version:

<https://daneshyari.com/en/article/8843437>

Download Persian Version:

<https://daneshyari.com/article/8843437>

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