

## Accepted Manuscript

Functional and conformational changes to soy proteins accompanying anthocyanins: focus on covalent and non-covalent interactions

Xiaonan Sui, Hongbo Sun, Baokun Qi, Min Zhang, Yang Li, Lianzhou Jiang

PII: S0308-8146(17)31908-8  
DOI: <https://doi.org/10.1016/j.foodchem.2017.11.090>  
Reference: FOCH 22067

To appear in: *Food Chemistry*

Received Date: 17 September 2017  
Revised Date: 21 November 2017  
Accepted Date: 22 November 2017



Please cite this article as: Sui, X., Sun, H., Qi, B., Zhang, M., Li, Y., Jiang, L., Functional and conformational changes to soy proteins accompanying anthocyanins: focus on covalent and non-covalent interactions, *Food Chemistry* (2017), doi: <https://doi.org/10.1016/j.foodchem.2017.11.090>

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.

# Functional and conformational changes to soy proteins accompanying anthocyanins: focus on covalent and non-covalent interactions

Xiaonan Sui<sup>2,3</sup>, Hongbo Sun<sup>2</sup>, Baokun Qi<sup>2,3</sup>, Min Zhang<sup>1\*</sup>, Yang Li<sup>2,3\*</sup>, Lianzhou

Jiang<sup>2,3</sup>

<sup>1</sup>Beijing Advanced Innovation Center for Food Nutrition and Human Health,  
Beijing Technology & Business University (BTBU), Beijing 100000, China

<sup>2</sup>College of Food Science, Northeast Agricultural University, Harbin, 150030,  
China

<sup>3</sup>National Research Center of Soybean Engineering and Technology, Harbin,  
150030, China

The first, second and third author contributed equally to this work.

\*To whom correspondence should be addressed.

Tel.: +86 451 55190716

Fax: +86 451 55190716

Email: [zmin@th.btbu.edu.cn](mailto:zmin@th.btbu.edu.cn) (Dr. Min Zhang)

[liyanghuangyu@163.com](mailto:liyanghuangyu@163.com) (Dr. Yang Li)

Download English Version:

<https://daneshyari.com/en/article/7586545>

Download Persian Version:

<https://daneshyari.com/article/7586545>

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