

## Accepted Manuscript

Influence of ultrasound-assisted immersion freezing on the freezing rate and quality of porcine longissimus muscles

Mingcheng Zhang, Niu Haili, Qian Chen, Xiufang Xia, Baohua Kong



PII: S0309-1740(17)30967-1  
DOI: doi:[10.1016/j.meatsci.2017.10.005](https://doi.org/10.1016/j.meatsci.2017.10.005)  
Reference: MESC 7381  
To appear in: *Meat Science*  
Received date: 1 July 2017  
Revised date: 28 September 2017  
Accepted date: 9 October 2017

Please cite this article as: Mingcheng Zhang, Niu Haili, Qian Chen, Xiufang Xia, Baohua Kong , Influence of ultrasound-assisted immersion freezing on the freezing rate and quality of porcine longissimus muscles. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Mesc(2017), doi:[10.1016/j.meatsci.2017.10.005](https://doi.org/10.1016/j.meatsci.2017.10.005)

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.

**Influence of ultrasound-assisted immersion freezing on the freezing rate and quality of  
porcine longissimus muscles**

Mingcheng Zhang <sup>a,b</sup>, Haili Niu <sup>a</sup>, Qian Chen <sup>a</sup>, Xiufang Xia <sup>a, \*</sup>, Baohua Kong <sup>a,\*</sup>

<sup>a</sup> *College of Food Science, Northeast Agricultural University, Harbin, Heilongjiang 150030,  
China*

<sup>b</sup> *College of Food and Pharmaceutical Engineering, Suihua University, Suihua,  
Heilongjiang 152061, China*

Corresponding author: Tel: +86-451-55191794; fax: +86-451-55190577.

E-mail address: [kongbh63@hotmail.com](mailto:kongbh63@hotmail.com) (B. -H. Kong).

Corresponding author. Tel: +86-451-55191289; fax: +86-451-55190577.

E-mail address: [xxfang524@163.com](mailto:xxfang524@163.com) (X. -F. Xia)

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات