

# Accepted Manuscript

Chitosan and gold nanoparticles-based thermal history indicators and frozen indicators for perishable and temperature-sensitive products

Yi-Cheng Wang, C.O. Mohan, Jiehao Guan, C.N. Ravishankar, Sundaram Gunasekaran



PII: S0956-7135(17)30465-6

DOI: [10.1016/j.foodcont.2017.09.031](https://doi.org/10.1016/j.foodcont.2017.09.031)

Reference: JFCO 5803

To appear in: *Food Control*

Received Date: 12 June 2017

Revised Date: 15 September 2017

Accepted Date: 26 September 2017

Please cite this article as: Wang Y.-C., Mohan C.O., Guan J., Ravishankar C.N. & Gunasekaran S., Chitosan and gold nanoparticles-based thermal history indicators and frozen indicators for perishable and temperature-sensitive products, *Food Control* (2017), doi: 10.1016/j.foodcont.2017.09.031.

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.

1 **Chitosan and Gold Nanoparticles-Based Thermal History Indicators and Frozen Indicators**  
2 **for Perishable and Temperature-Sensitive Products**

3  
4 Yi-Cheng Wang<sup>1</sup>, C.O. Mohan<sup>2</sup>, Jiehao Guan<sup>1</sup>, C. N. Ravishankar<sup>2</sup>, Sundaram Gunasekaran<sup>1,\*</sup>

5  
6 <sup>1</sup>Department of Biological Systems Engineering  
7 University of Wisconsin-Madison, Madison, Wisconsin, USA

8  
9 <sup>2</sup>ICAR-Central Institute of Fisheries Technology  
10 Willingdon Island Cochin, Kerala, India

11  
12 \*Corresponding author: [guna@wisc.edu](mailto:guna@wisc.edu)  
13

Download English Version:

<https://daneshyari.com/en/article/8888209>

Download Persian Version:

<https://daneshyari.com/article/8888209>

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