## Accepted Manuscript

Effects of processing method and age of leaves on phytochemical profiles and bioactivity of coffee leaves

Xiu-Min Chen, Zhili Ma, David D Kitts

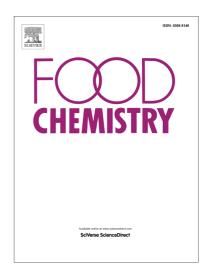
PII: S0308-8146(17)32044-7

DOI: https://doi.org/10.1016/j.foodchem.2017.12.073

Reference: FOCH 22170

To appear in: Food Chemistry

Received Date: 14 September 2017 Revised Date: 1 December 2017 Accepted Date: 20 December 2017



Please cite this article as: Chen, X-M., Ma, Z., Kitts, D.D., Effects of processing method and age of leaves on phytochemical profiles and bioactivity of coffee leaves, *Food Chemistry* (2017), doi: https://doi.org/10.1016/j.foodchem.2017.12.073

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.

## **ACCEPTED MANUSCRIPT**

Effects of processing method and age of leaves on phytochemical profiles and bioactivity of coffee leaves

Xiu-Min Chen<sup>ab</sup>, Zhili Ma<sup>a</sup>, and David D Kitts<sup>a\*</sup>

<sup>a</sup>Food, Nutrition, and Health, University of British Columbia, 2205 East Mall, Vancouver, BC,

Canada, V6T 1Z4

<sup>b</sup>School of Food and Biological Engineering, Jiangsu University, Zhenjiang, Jiangsu 212013, P.R.

China

Xiu-Min Chen: Email: xmchen@ujs.edu.cn

Zhili Ma: Email: mazhilitoo@hotmail.com

Running title: Phytochemicals and bioactivities of coffee leaves mimic tea-processing

### \*Corresponding Author

David D Kitts,

Food, Nutrition, and Health University of British Columbia,

2205 East Mall, Vancouver, BC, Canada, V6T 1Z4

Tel: 1-604-822-5560; Fax: 1-604-822-5143; Email: david.kitts@ubc.ca

Keywords: coffee leaf, phenolics, Raw 264.7 cell, nitric oxide, cytokines, antioxidant, anti-

inflammation

1

#### Download English Version:

# https://daneshyari.com/en/article/7585922

Download Persian Version:

https://daneshyari.com/article/7585922

<u>Daneshyari.com</u>