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Investigation of radio frequency heating as a dry-blanching method for carrot cubes

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For submission to Journal of Food Engineering 1 Investigation of radio frequency heating as a dry-blanching method for carrot cubes 2 3 Chuting Gong a, Yanyun Zhao b, a, Hangjin Zhang a, Jin Yue a, Yubin Miao c, Shunshan Jiao a* 4 5 ^a SJTU-OSU Innovation Center for Environmental Sustainability and Food Control, Key 6 Laboratory of Urban Agriculture, Ministry of Agriculture, School of Agriculture and Biology, 7 Shanghai Jiao Tong University, 800 Dongchuan Rd., Shanghai 200240, China 8 ^b Department of Food Science and Technology, 100 Wiegand Hall, Oregon State University, 9 OR, USA 10 ^c School of Mechanical Engineering, Shanghai Jiao Tong University, 800 Dongchuan Rd., 11 12 Shanghai 200240, China 13 Running title: Radio frequency dry-blanching of carrot cubes 14 15 * Corresponding author: 16 Dr. Shunshan Jiao 17 Dept. of Food Science and Technology 18 Shanghai Jiao Tong University 19 Tel./Fax: +86-21-34208541 20 21 E-mail: sjiao@sjtu.edu.cn

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