Assoc. Prof. Waraporn Boonsupthip

Food Science and Technology Department, Faculty of Agro-Industry, Kasetsart University

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Education

Ph.D.(Food Science), Rutgers, The State University of New Jersey

M.S.(Food Science), Rutgers, The State University of New Jersey

วท.บ.(วิทยาศาสตร์และเทคโนโลยีการอาหาร) มหาวิทยาลัยเกษตรศาสตร์

Expertise

Engineering of food freezing Food shelf-life prediction Food process modeling and simulation Microbial growth prediction

Selected Works

1. Choachamnan, J., Moraru, C., Lee, S., Kurosaka, A., Boonsupthip, W. 2020. Multiple-factor mathematical modeling of glycine-glucose browning. Journal of Food Engineering. 273: Article number 109829. 1- 8 Page

2. Choachamnan, J., Boonsupthip, W. 2019. Glucose-fructose-glycine time–temperature integrator and its potential application in heating process control of food softness. Journal of Food Process Engineering. 42(8): e13287. 9 Pages

3. Uddin, Z., Boonsupthip, W. 2019. Development and characterization of a new nonenzymatic colored time–temperature indicator. Journal of Food Process Engineering. 42(4): e13027. 9 Pages