

## Associate Prof. Lerpong Jarupan

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### Education

Ph.D. (Mechanical Engineering), Northeastern University, USA

M.S. (Mechanical Engineering), Syracuse University, USA

วท.บ. (เทคโนโลยีการบรรจุ), มหาวิทยาลัยเกษตรศาสตร์, ประเทศไทย

### Expertise

Simulation Modeling for Packaging Process, Distribution Packaging, Environmentally  
Conscious Packaging

### Selected Works

1. Jariyasakoolroj, P., Rojanaton, N., Jarupan, L. 2020. Crystallization behavior of plasticized poly(lactide) film by poly(l-lactic acid)-poly(ethylene glycol)-poly(l-lactic acid) triblock copolymer. *Polymer Bulletin*77(5), pp. 2309-2323
2. Sukudom, N., Jariyasakoolroj, P., Jarupan, L., Tansin, K. 2019. Mechanical, thermal, and biodegradation behaviors of poly(vinyl alcohol) biocomposite with reinforcement of oil palm frond fiber. *Journal of Material Cycles and Waste Management* 21(1), pp. 125-133
3. Paico, M.J.P., Jittanit, W., Jarupan, L., Chonhenchob, V. 2019. Effect of ozone on prolonging the shelf life of mango and broccoli during cold storage and distribution. 21st IAPRI World Conference on Packaging 2018 - Packaging: Driving a Sustainable Future pp. 443-451
4. Nilmanee, S., Jinkarn, T., Jarupan, L., Pisuchpen, S., Yoxall, A. 2018. Seal strength evaluation of flexible plastic films by machine testing and human peeling. *Journal of Testing and Evaluation*46(4), pp. 1508-1517