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Education

วท.ด. (วิทยาศาสตร์พอลิเมอร์), จุฬาลงกรณ์มหาวิทยาลัย (วิทยาลัยปิโตรฯ), ประเทศไทย

วท.ม.(วิทยาศาสตร์พอลิเมอร์), จุฬาลงกรณ์มหาวิทยาลัย (วิทยาลัยปิโตรฯ), ประเทศไทย

วท.บ.(วิทยาศาสตร์เคมี), มหาวิทยาลัยเทคโนโลยีพระจอมเกล้าธนบุรี, ประเทศไทย

Expertise

Biopolymers and Bio-Based Materials, Bioplastics and Composites, Nanoparticles and Nanocapsules

Selected Works

1. Noivoil, N., Yoksan, R. 2021. Compatibility improvement of poly(lactic acid)/thermoplastic starch blown films using acetylated starch. *Journal of Applied Polymer Science* 138(2),49675
2. Noivoil, N., Yoksan, R. 2020.
3. Oligo(lactic acid)-grafted starch: A compatibilizer for poly(lactic acid)/thermoplastic starch blend. *International Journal of Biological Macromolecules* 160, pp. 506-517
4. Dang, K.M., Yoksan, R., Pollet, E., Avérous, L. 2020. Morphology and properties of thermoplastic starch blended with biodegradable polyester and filled with halloysite nanoclay. *Carbohydrate Polymers*242,116392
5. Jullanun, P., Yoksan, R. 2020. Morphological characteristics and properties of TPS/PLA/cassava pulp biocomposites. *Polymer Testing*88,106522
6. Chotiprayon, P., Chaisawad, B., Yoksan, R. 2020. Thermoplastic cassava starch/poly(lactic acid) blend reinforced with coir fibres. *International Journal of Biological Macromolecules*156, pp. 960-968
7. Huntrakul, K., Yoksan, R., Sane, A., Harnkarnsujarit, N. 2020. Effects of pea protein on properties of cassava starch edible films produced by blown-film extrusion for oil packaging. *Food Packaging and Shelf Life*24,100480

8. Lomthong, T., Yoksan, R., Lumyong, S., Kitpreechavanich, V. 2020. Poly(l-lactide)-Degrading Enzyme Production by *Laceyella sacchari* LP175 Under Solid State Fermentation Using Low Cost Agricultural Crops and Its Hydrolysis of Poly(l-lactide) Film. *Waste and Biomass Valorization* 11(5), pp. 1961-1970
9. 11(5), pp. 1961-1970
10. Yoksan, R. 2020. Injection-molded polyethylene/natural rubber blends. *IOP Conference Series: Materials Science and Engineering* 773(1), 012064
11. Kong, L., Yucel, U., Yoksan, R., Elias, R.J., Ziegler, G.R. 2018. Characterization of amylose inclusion complexes using electron paramagnetic resonance spectroscopy. *Food Hydrocolloids* 82, pp. 82-88
12. 82, pp. 82-88
13. Vanit, S., Sane, A., Yoksan, R., Jinkarn, T. 2018. Effect of heat treatment temperature on properties of electrospayed paperboard. *Packaging Technology and Science* 31(2), pp. 61-69
14. 31(2), pp. 61-69