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### Education

Ph.D. (Environmental Biotechnology), University of Strathclyde

M.S. (Environmental Science), University of Strathclyde

วท.บ.(เทคโนโลยีชีวภาพ) มหาวิทยาลัยเกษตรศาสตร์

### Expertise

Biological waste and wastewater treatment

### Selected Works

1. Phaeon N, Chapanya P, Mueangmontri R, Pattamasuwan A, Lipan L,
2. Carbonell-Barrachina ÁA, Sriroth K, Nitayapat N. Acrylamide in
3. non-centrifugal sugars and syrups. *J Sci Food Agric*. 2021 Jan 18. doi:
4. 10.1002/jsfa.11098. Epub ahead of print. PMID: 33460464.
5. Suwanawat, N., P. Parakulsuksatid, N.
6. Nitayapat and W. Sanpamongkolchai. 2019. Biodegradation of terephthalic acid by
7. *Rhodococcus biphenylivorans* isolated from soil. *International Journal*
8. *of Environmental Science and Development* 10: 30-33.
9. Vítězová, M., N. Nitayapat and T.
10. Vítěz. 2018. Temperature and de-icing salt, effect on the activated sludge respiration.
11. *Clean Soil Air Water* 46: 1800050
12. Vítězová, M., T. Vítěz and N. Nitayapat. 2016. Effects of de-icing salts on
13. the respiration of the microorganisms of activated sludge. *Water, Air, &*
14. *Soil Pollution* 227: 416. doi:10.1007/s11270-016-3119-1.
15. Boonyarit, J., A. Promboon and N. Nitayapat. 2015. Decolorisation of aqueous solutions of
16. synthetic dyes by *Lentinus polychrous* Lev. cultivated on cassava
17. rhizome. *Journal of Microbiology, Biotechnology and Food Sciences* 4

18. (special issue 2): 132-137.
19. Nitayapat, N., N. Prakarnsombat, S.J. Lee and W.
20. Boonsupthip. 2015. Bioconversion of tangerine residues by solid-state
21. fermentation with *Lentinus polychrous* and drying the final products.
22. *LWT-Food Science and Technology* 63: 773-779.
23. Sawasdikul, J., M. Rodprapakorn, N. Nitayapat and P. Panichnumsin. 2015. Effect of influent
24. concentration and hydraulic retention time on the performance of an anaerobic
25. hybrid reactor treating wastewater from washing sugarcane bagasse. Kasetsart
26. Journal (Natural Science) 49: 433-440.
27. Vítěz, T., T. Koutný, M.
28. Gersl, J. Kudelka, N. Nitayapat, P. Ryant, S. Hejduk, M. Vtezova, T. Losak and
29. J. Marecek. 2015. Biogas
30. and methane yield from rye grass. *Acta Universitatis Agriculturae et*
31. *Silviculturae Mendelianae Brunensis*. 63: 143-146.
32. Nitayapat, N. and P. Chitprasert. 2014.
33. Characterisation of FOGs in grease trap waste from the processing of chickens
34. in Thailand. *Waste Management* 34: 1012-1017.