

REFERENCES

- Aoi, K., Takasu, A., and Okada, M. New chitin-based polymer hybrids, I Miscibility of poly(vinyl alcohol) with chitin derivatives. Macromol. Rapid Commun. 16 (1995): 757-761.
- Blackwell, J. Physicla Methods for the Determination of Chitin Structure and Conformation. Methods in Enzymology 161 (1988):435-442.
- Grant, S., Blair, H.S., and McKay, G. Water-soluble derivatives of chitosan. Polymer Communications 29 (1988): 342-344.
- Hirano, S., Ohe, Y., and Ono, H. Selective *N*-acylation of chitosan. Carbohydrate Research 47 (1976): 315-320. Kurita, K. Preparation of Tosylchitins as Precursors for Facile Chemical Modifications of Chitin. Macromolecules 25 (1992): 3786-3790.
- Horton, D., et al. Preparation from chitin of (1-4)-2-amino-2-deoxy- β -D-glucopyranuronan and its 2-sulfoamino analog having blood-anticoagulant properties. Carbohydrate Research 29 (1973): 173-179.
- Huang, J.C., Shetty, A.S., and Wang, M.S. Biodegradable Plastics: A Review. Advances in Polymer Technology 10(1) (1990): 23-30.
- Kaifu, K., Nishi, N., and Komai, T. Preparation of Hexanoyl, Decanoyl, and Dodecanoylchitin. J. Polym. Sci. Chem. Ed. 19 (1981): 2361-2363.
- Kurita, K., Inoue, S., Yamamura, K., Yoshino, H., Ishii, S., and Nishimura, S.I. Cationic and Radical Graft Copolymerization of Styrene onto Iodochitin. Macromolecules 25 (1992): 3791-3794.
- Kurita, K., Yoshida, A., and Koyama, Y. Studies on Chitin. 13 New Polysaccharide/Polypeptide Hybrid Materials Based on Chitin and Poly (γ -methyl L-glutamate). Macromolecules 21 (1988): 1579-1583.

- Kurita, K., and Inoue, S. Chitin and Chitosan Sources, Chemistry, Biochemistry, Physical Properties and Application. London and New York: Elsevier Science Publishers Ltd., 1989.
- Laham, I.M., and Lee, T.C. Biodegradability of Chitin- and Chitosan-Containing Films in Soil Environment. Journal of Environmental Polymer Degradation 3(1) (1995): 31-36.
- Somarin, O., Nishi, N., Tokura, S., and Noguchi, J. Studies on Chitin. II. Preparation of Benzyl and Benzoylchitins. Polymer Journal 11(5) (1979):391-396.
- Mathur, N.K., and Narang, C.K. Chitin and Chitosan, Versatile Polysaccharides from Marine Animals. J. Chem. Ed. 67(11) (1990): 938-942.
- Terbojevich, M., Cosani, A., Carraro, C., and Torri, G. Chitin and Chitosan Sources, Chemistry, Biochemistry, Physical Properties and Application. London and New York: Elsevier Science Publishers Ltd., 1989.
- Yalpani, M., Marchessault, R.H., Morin, F.G., and Monasterios, C.J. Advances in Chitin and Chitosan. London and New York: Elsevier Science Publishers Ltd., 1992.

CURRICULUM VITAE

Name : Wanpen Tachaboonyakiat

Birth Date : October 30, 1974

Nationality : Thai

University Education :

1992-1995 Bachelor's degree of Science in Material Science
Chulalongkorn University