

## BIBLIOGRAPHY

- Agrihortico. 2019. *Jackfruit: Growing Practices and Nutritional Information*. New Delhi: Agrihortico.
- Aji, N. R., Wibowo, E. A. P., and Mayasari, T. 2016. Meat Analog Based Necklace Crickets and Fruit (Jackfruit and Pumpkin) as an Alternative Source of Animal Protein Ingredients Food in Gunung Kidul. *Journal of Scientific and Innovative Research* 5 (5): 179-181.
- Anila, H. L. and Divakar, Dr. S. 2018. Functional Properties of Raw Jackfruit Based Textured Vegetable Protein (TVP). *International Journal of Food Science and Nutrition* 3 (3): 52-54.
- Association of Official Analytical Chemists (AOAC). 2005. *Official Methods of Analysis of the Association Analytical Chemists*. AOAC International, Washington DC.
- Bohrer, B. M. 2019. An Investigation of the Formulation and Nutritional Composition of Modern Meat Analogue Products. *Food Science and Human Wellness* 8 (4): 320-329.
- Choi, Y. S., Kim, T. K., Choi, H. D., Park, J. D., Sung, J. M., Jeon, K. H., Paik, H. D., and Kim, Y. B. 2017. Optimization of Replacing Pork Meat with Yellow Worm (*Tenebrio molitor* L.) for Frankfurters. *Korean Journal for Food Science of Animal Resources* 37 (5): 617-625.
- Clayton, E. M. R., Specht, E. A., Welch, D. R., and Berke, A. P. 2018. *Addressing Global Protein Demand Through Diversification and Innovation: An Introduction to Plant-Based and Clean Meat*. Amsterdam: Elsevier.
- Diamante, L. M. 2008. Vacuum Fried Jackfruit: Effect of Maturity, Pre-treatment and Processing on the Physicochemical and Sensory Qualities. *Proceedings of the Nutrition Society of New Zealand* 33.
- Elhassan, M., Wendin, K., Olsson, V., and Langton, M. 2019. Quality Aspects of Insects as Food – Nutritional, Sensory, and Related Concepts. *Foods* 8 (95).
- Galanakis, C. M. 2018. *Sustainable Meat Production and Processing*. London: Academic Press.
- Hamid, M. A., Tsia, F. L. C., Okit, A. A. B., Xin, C. W., Cien, H. H., Harn, L. S., Patrick, P. N., Samirin, S., Azizi, W. A. A. W., Irfanian, A., and Yee, C. F. 2020. The Application of Jackfruit By-product on the Development of

Healthy Meat Analogue. *IOP Conf. Series: Earth and Environmental Science* 575.

- Hui, Y. H. 2012. *Handbook of Meat and Meat Processing, Second Edition*. Boca Raton: CRC Press.
- Jaffar, N. S., Osman, M. S., and Koyube, M. N. K. 2019. New Bacterial Fruit Rot Disease of Jackfruit Caused by *Dickeya Fangzhongdai* in Malaysia. *Malaysian Journal of Microbiology* 15 (4): 214-219.
- Janick, J. and Paull, R. E. 2008. *The Encyclopedia of Fruit and Nuts*. Cambridge: CAB International.
- Julian, S. 2020. Pemanfaatan Serbuk Larva dan Kumbang *Tenebrio molitor* L. Sebagai Sumber Protein dalam Pembuatan Corn Flakes. Universitas Pelita Harapan.
- Kim, H., Do, H. W., and Chung, H. 2017. A Comparison of the Essential Amino Acid Content and the Retention Rate by Chicken Part according to Different Cooking Methods. *Korean Journal for Food Science of Animal Resources* 37 (5): 626-634.
- Lawless, H. T. and Heymann, H. 2013. *Sensory Evaluation of Food: Principles and Practices*. New York: Springer Science and Business Media.
- Liu, C., Masri, J., Perez, V., Maya, C., and Zhao, J. 2020. Growth Performance and Nutrient Composition of Mealworms (*Tenebrio molitor*) Fed on Fresh Plant Materials-Supplemented Diets. *Foods* 9 (151).
- Magdic, D., Lukinac, J., Jokic, S., Cacic-Kenjeric, F., Bilic, M., and Velic, D. 2009. Impact Analysis of Different Chemical Pre-treatments on Colour of Apple Discs during Drying Process. *Croatian Journal of Food Science Technology* 1 (1): 31-35.
- Mariod, A. A. 2020. *African Edible Insects As Alternative Source of Food, Oil, Protein and Bioactive Components*. Cham: Springer Nature.
- Maryati and Widodo, E. 2012. Pelatihan Pembuatan Tepung Belalang sebagai Bahan Baku Makanan dalam Upaya Optimalisasi Produk Pangan Berprotein Tinggi di Kabupaten Gunung Kidul. Universitas Negeri Yogyakarta.
- Nyangena, D. N., Mutungi, C., Imathiu, S., Kinyuru, J., Affognon, H., Ekesi, S., Nakimbugwe, D., and Fiaboe, K. M. 2020. Effect of Traditional Processing Techniques on the Nutritional and Microbiological Quality of Four Edible Insect Species Used for Food and Feed in East Africa. *Foods* 9: 574.

- Omotayo, A. R., El-Ishaq, A., Tijjani, L. M., and Segun, D. I. 2016. Comparative Analysis of Protein Content in Selected Meat Samples (Cow, Rabbit, and Chicken) Obtained within Damataru Metropolis. *American Journal of Food Science and Health* 2 (6): 151-155.
- Park, J. W. 2005. *Surimi and Surimi Seafood*. Boca Raton: CRC Press.
- Pearson, A. M. and Gillett, T. A. 2012. *Processed Meats*. Berlin: Springer Science & Business Media.
- Pereira, L. 2016. *Carrageenans: Sources and Extraction Methods, Molecular Structure, Bioactive Properties and Health Effects*. New York: Nova Science Publishers.
- Phillips, G. O. and Williams, P. A. 2009. *Handbook of Hydrocolloids*. Boca Raton: CRC Press.
- Rachmawati, A. 2006. Penampilan Reproduksi Kumbang Ulat Tepung (*Tenebrio molitor* L.) dengan Pemberian Berbagai Rasio Daun Ginseng (*Talinum paniculatum* G.) dan Daun Singkong (*Manihot esculenta* C.). Institut Pertanian Bogor.
- Rahman, S. 2018. *Teknologi Pengolahan Tepung dan Pati Biji-Bijian Berbasis Tanaman Kayu*. Yogyakarta: Deepublish.
- Ranasinghe, R. A. S. N. and Marapana, R. A. U. J. 2019. Effect of Maturity Stage on Physicochemical Properties of Jackfruit (*Artocarpus heterophyllus* Lam.) Flesh. *World Journal of Dairy & Food Sciences* 14 (1): 17-25.
- Ranasinghe, R. A. S. N., Maduwanthi, S. D. T., and Marapana, R. A. U. J. 2019. Nutritional and Health Benefits of Jackfruit (*Artocarpus heterophyllus* Lam.): A Review. *Internasional Journal of Food Science*.
- Razvanaadii, N., Kim, S. H., Choi, W. H., and Hong, S. J. 2012. Nutritional Value of Mealworm, *Tenebrio molitor* as Food Source. *International Journal of Industrial Entomology* 25 (1): 93-98.
- Rustad, M. E. H. 2009. *Mealworms*. Minnesota: Capstone.
- Sahin, S. and Sumnu, S. G. 2006. *Physical Properties of Foods*. Berlin: Springer Science & Business Media.
- Schaffer, D. 2003. *Mealworms*. Minnesota: Capstone.
- Secakusuma, A. 2020. Utilization of Cowpea (*Vigna Unguiculata* L.), Oyster Mushroom (*Pleurotus Ostreatus*), and Carrageenan in Preparation of Vegetarian Patty Added with Artificial Chicken Flavour. Universitas Pelita Harapan.

- Shevell, S. K. 2003. *The Science of Color* Second Edition. Oxford: Elsevier.
- Simmonds, M. S. J. and Preedy, V. R. 2016. *Nutritional Composition of Fruit Cultivars*. Cambridge: Academic Press.
- Slater, R. B. A. and Kritchevsky, D. 2012. *Nutrition and the Adult: Macronutrients Volume 3A*. Berlin: Springer Science & Business Media.
- Son, Y. J., Lee, J. C., Hwang, I. K., Nho, C. W., and Kim, S. H. 2019. Physicochemical Properties of Mealworm (*Tenebrio molitor*) Powders Manufactured by Different Industrial Processes. *LWT – Food Science and Technology* 116.
- Stone, A. K., Tanaka, T., and Nickerson, M. T. 2019. Protein Quality and Physicochemical Properties of Commercial Cricket and Mealworm Powders. *Journal of Food Science and Technology*.
- Stone, H. and Sidel, J. L. 2004. *Sensory Evaluation Practices: Third Edition*. New York: Elsevier.
- Terrien, C. 2017. *Meat Analogs: Challenges and Perspectives*. London: Elsevier.
- United States Department of Agriculture. 2011. *Water in Meat and Poultry*.
- Verkerk, M. C., Tramper, J., Trijp, H. C. M. V., and Martens, D. E. 2007. Insect Cells for Human Food. *Biotechnology Advances* 25 (2): 198-202.
- Verma, A. K., Singh, V. P., and Pathak, V. 2015. Effect of Jackfruit Supplement and Ageing on the Physico-chemical, Texture, and Sensory Characteristics of Chevron Patties. *Journal of Applied Animal Research* 43 (3): 247-255.
- Wang, Y., Ngadi, M. O., Adedeji, A. A. 2010. Shrinkage of Chicken Nuggets During Deep-Fat Frying. *International Journal of Food Properties* 13: 404-410.
- Yada, R. Y. 2017. *Proteins in Food Processing*. Cambridge: Woodhead Publishing.
- Yuliarti, O., Kovis, T. J. K., and Yi, N. J. 2020. Structuring the Meat Analogue by Using Plant-based Derived Composites. *Journal of Food Engineering* 288.