DAFTAR PUSTAKA

Ahmad, M., Wu, S., Guo, X., Perrimon, N., & He, L., 2024. Sensing of dietary amino acids and regulation of calcium dynamics in adipose tissues through Adipokinetic hormone in Drosophila, bioRxiv.

AOAC. 2005. Official Methods of Analysis of the Association of Official Analytical Chemists. Association of Official Analytical Chemist.

Barragan-Fonseca, K.B., Dicke, M., & van Loon, J.J., 2017. Nutritional value of the black soldier fly (Hermetia illucens L.) and its suitability as animal feed– a review. J Insects Food Feed, 3, 105–120.

Barragán-Fonseca, K.Y., Van Loon, J.J., Dicke, M., & Lucas-Barbosa, D., 2020. Use of visual and olfactory cues of flowers of two brassicaceous species by insect pollinators. Ecol Entomol, 45, 45–55.

Behmer, S.T., 2009. Insect herbivore nutrient regulation. Annu Rev Entomol, 54, 165–187.

Boccazzi, I., Ottoboni, M., Martin, E., Comandatore, F., Vallone, L., Spranghers, T., Eeckhout, M., Mereghetti, V., Pinotti, L., & Epis, S., 2017. A survey of the mycobiota associated with larvae of the black soldier fly (Hermetia illucens) reared for feed production. PLoS One, 12, e0182533.

Cadete, R.M., Lopes, M.R., & Rosa, C.A., 2017. Yeasts Associated with Decomposing Plant Material and Rotting Wood, in: Yeasts in Natural Ecosystems: Diversity. Springer, Cham, pp. 265–292.

Chen, L., & Fadamiro, H.Y., 2006. Comparing the effects of five naturally occurring monosaccharide and oligosaccharide sugars on longevity and carbohydrate nutrient levels of a parasitic phorid fly, Pseudacteon tricuspis. Physiol Entomol, 31, 46–56.

Dewi, S., Adrizal, & Andasuryani, 2021. Estimation of dry material and crude fiber content of rice bran using artificial neural network (ANN) Based on NIRS (near infrared reflectance spectroscopy) absorbance data. Journal of Research in Agriculture and Animal Science, 8, 17–25.

Diener, S., Zurbrugg, C., & Tockner, K., 2009. Conversion of organic material by black soldier fly larvae: Establishing optimal feeding rates. Waste Management and Research, 27, 603–610.

DiGirolamo, M., & Owens, J.L., 1976. Water content of rat adipose tissue and isolated adipocytes in relation to cell size. American Journal of PhysiologyLegacy Content, 231(5), 1568-1572.

Fabian, C., & Ju, Y. H. 2011. A review on rice bran protein: its properties and extraction methods. Critical Reviews in Food Science and Nutrition, 51(9), 816-827.

Fahmi, M.R., 2015. Optimalisasi proses biokonversi dengan menggunakan minilarva Hermetia illucens untuk memenuhi kebutuhan pakan ikan, in: Prosiding Seminar Nasional Masyarakat Indonesia. pp. 139–144.

Finke, M.D., 2013. Complete nutrient content of four species of feeder insects. Zoo Biol, 32, 27–36.

Hernandez, N., Rodriguez-Alegría, M.E., Gonzalez, F., & Lopez-Munguia, A., 2000. Enzymatic treatment of rice bran to improve processing. J Am Oil Chem Soc, 77, 177–180.

Kraus, S., Gomez-Moracho, T., & Lihoreau, M., 2020. Nutrition in social insects, in: Encyclopedia of Social Insects. Springer, Cham.

Lalander, C., Diener, S., Zurbrügg, C., & Vinnerås, B., 2019. Effects of feedstock on larval development and process efficiency in waste treatment with black soldier fly (Hermetia illucens). J Clean Prod, 208, 211–219.

Liland, N.S., Biancarosa, I., Araujo, P., Biemans, D., Bruckner, C.G., Waagbø, R., Torstensen, B.E., & Lock, E., 2017. Modulation of nutrient composition of black soldier fly (Hermetia illucens) larvae by feeding seaweed enriched media. PLoS One, 12, e0183188.

Liu, Y., Liu, H., Liu, S., Wang, S., Jiang, R.J., & Li, S., 2009. Hormonal and nutritional regulation of insect fat body development and function, in: Archives of Insect Biochemistry and Physiology, 71(1), 16–30

Nguyen, T.T., Tomberlin, J.K., Vanlaerhoven, S., 2015. Ability of black soldier fly (Diptera: Stratiomyidae) larvae to recycle food waste. Environ Entomol 44, 406–410.

Oonincx, D.G.A.B., Van Broekhoven, S., Van Huis, A., & Van Loon, J.J.A., 2015. Feed conversion, survival and development, and composition of four insect species on diets composed of food byproducts. PLoS One, 10, e0144601.

Patterson, R., Rogiewicz, A., Kiarie, E.G., & Slominski, B.A., 2023. Yeast derivatives as a source of bioactive components in animal nutrition: a brief review. Front Vet Sci 9, 1067383.

Pimentel, A.C., Montali, A., Bruno, D., & Tettamanti, G., 2017. Metabolic adjustment of the larval fat body in Hermetia illucens to dietary conditions. J Asia Pac Entomol, 20, 1307–1313.

Sheppard, D.C., Newton, G.L., & Burtle, G., 2008. Black soldier fly prepupae: a compelling alternative to fish meal and fish oil.

Stefanini, I., 2018. Yeast–insect associations: It takes guts. Yeast, 35, 315–330.

Tomberlin, J.K., Miranda, C., Flint, C., Harris, E., & Wu, G., 2023. Nutrients limit production of insects for food and feed: an emphasis on nutritionally essential amino acids. Animal Frontiers, 13, 64–71.

Ziegler, R., Willingham, L.A., Sanders, S.J., Tamen-Smith, L., & Tsuchida, K., 1995. Apolipophorin-III and adipokinetic hormone in lipid metabolism of larval Manduca sexta. Insect Biochem Mol Biol, 25, 101–108.

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