

## DAFTAR PUSTAKA

- Banks, H.J. & Fields, P.G. (2017) *Heat Treatments for Postharvest Pest Control: Theory and Practice*. Cambridge: Cambridge University Press.
- Bendixen, R. & Richards, A.G. (2018) 'Mechanical damping properties of organic dry materials for biological packaging', *Journal of Biological Materials Engineering*, 12(3), pp. 145–153.
- Bruno, D., Manas, F., Bonelli, M., Gold, M., Marzari, M., Roma, D., ... & Tettamanti, G. (2025). Life cycle, reproduction, and morphofunctional characterisation of the gut, fat body, and haemocytes in the black soldier fly. *Journal of Insects as Food and Feed*, 1(aop), 1-28.
- Chapman, R.F. (2013) *The Insects: Structure and Function*. 5th ed. Cambridge: Cambridge University Press.
- Deruytter, D., Coudron, C. L., & Claeys, J. (2023). Transporting *Tenebrio molitor* eggs: the effect of temperature, humidity and time on the hatch rate. *Sustainability*, 15(7), 6231.
- Diener, S., Studt Solano, N. M., Roa Gutiérrez, F., Zurbrügg, C., & Tockner, K. (2011). Biological treatment of municipal organic waste using black soldier fly larvae. *Waste and biomass valorization*, 2(4), 357-363.
- Fani, F., Audia, A., Rani, Y., A'yunin, Q., & Evi, T. (2018). Penggunaan Tanah Liat Untuk Keberhasilan Pemijahan Ikan Patin Siam (*Pangasianodon hypophthalmus*)[The Use of Clay for Successful Spawning Patin Siam (*Pangasianodon hypophthalmus*)]. *Jurnal Ilmiah Perikanan dan Kelautan*, 10(2), 91-94.
- Holmes, L., VanLaerhoven, S. & Tomberlin, J.K. (2012) 'Relative humidity effects on egg hatch and larval development of the black soldier fly, *Hermetia illucens*', *Journal of Insect Science*, 12(32), pp. 1–6.
- Kroeckel, S., Harjes, A. G., Roth, I., Katz, H., Wuertz, S., Susenbeth, A., & Schulz, C. (2012). When a turbot catches a fly: Evaluation of a pre-pupae meal of the Black Soldier Fly (*Hermetia illucens*) as fish meal substitute—Growth performance and chitin degradation in juvenile turbot (*Psetta maxima*). *Aquaculture*, 364, 345-352.
- Li, X – F., F. Wang, Y. Qian, G – Z. Jiang, D. D Zhang and W – B Liu. 2016. Dietary Vitamin B12 Requirement of Fingerling Blunt Snout Bream *Megalobrama amblycephala* Determined by Growth Performance, Digestive and Absorptive Capability and Status of the GH – IGF – I Axis. *Aquaculture* 464. 647 – 653.
- Liu X, Chen X, Wang H, Yang Q, ur Rehman K, Li W, et al. (2017) Dynamic changes of nutrient composition throughout the entire life cycle of black soldier fly. *PLoS ONE* 12(9): 1-24
- ; R. (2016) 'Structural vulnerability of insect eggs under uniform' *Entomological Studies Review*, 9(2), pp. 77–85.
- T. & Kawabata, Y. (2020) 'Soft-vacuum packaging for fragileerials: mechanical effects and safety thresholds', *Biosystems* 98, pp. 24–31.



- Nation, J.L. (2015) *Insect Physiology and Biochemistry*. 3rd ed. Boca Raton: CRC Press.
- Nicolson, S.W. (2009) 'Water relations of insects: physiological mechanisms and ecological implications', *Advances in Insect Physiology*, 36, pp. 1–69.
- Obiero, K., Meulenbroek, P., Drexler, S., Dagne, A., Akoll, P., Odong, R., Kaunda-Arara, B., & Waidbacher, H. (2019). The contribution of fish to food and nutrition security in Eastern Africa: Emerging trends and future outlooks. *Sustainability*, 11, 1636.
- Pauly, D., & Zeller, D. (2017). Comments on FAOs state of world fisheries and aquaculture (SOFIA 2016). *Marine Policy*, 77, 176-181.
- Schmidt, O. & Dorn, S. (2004) 'Survival and development of insect embryos under mechanical stress', *Physiological Entomology*, 29(2), pp. 156–161.
- Septiani, W., Sari, E., Ningsih, R., & Wijaya, R. (2023). *Green-Techno Sosiopreneur Ternak Maggot*. Nas Media Pustaka.
- Singh, S.P. & Sahai, R. (2010) *Principles of Biological Packaging*. New Delhi: BioGreen Publishing.
- Wangko, S. 2014. *Hermetia Illucens* Aspek Forensik, Kesehatan dan Ekonomi. *Jurnal Biomedik*. 6(1): 23- 29.
- Zhang, L., Chen, Y. & Wu, X. (2019) 'Effects of vibration and repeated mechanical shock on the microstructure of insect eggs', *Journal of Applied Entomology*, 143(5), pp. 512–520.

