

DAFTAR PUSTAKA

- Akuru, U.B., Akaninwor, J.O. & Amadi, B.A., 2015. Phytochemical Composition and Antidiabetic Properties of Aqueous Stem Extract of *Pennisetum purpureum* on Alloxan Induced Diabetic Wistar Albino Rats. *Open Science Journal of Pharmacy and Pharmacology*, 3(6), pp.72–79.
- Azalia, D., Rachmawati, I., Zahira, S., Andriyani, F., Sanini, T.M., Supriyatin & Aulya, N.R., 2023. Uji Kualitatif Senyawa Aktif Flavonoid dan Terpenoid pada Beberapa Jenis Tumbuhan Fabaceae dan Apocynaceae di Kawasan TNGPP Bodogol. *BIOMA: Jurnal Biologi Makassar*, 8(1), pp.32–43.
- Bertinetti, C., Samayoa, A.C. & Hwang, S.-Y., 2019. Effects of Feeding Adults of *Hermetia illucens* (Diptera: Stratiomyidae) on Longevity, Oviposition, and Egg Hatchability: Insights Into Optimizing Egg Production. *Journal of Insect Science*, 19(1), pp.1.
- Bili, Ri., Ballo, A. & Blegur, W.A., 2021. Uji Efektivitas Ekstrak Alkohol Daun Cengkeh (*Syzygium aromaticum*) Sebagai Repellent Semprot Terhadap Lalat Rumah (*Musca domestica*). *Sciscitatio*, 2(1), pp.29–34.
- Bruno, D., Bonacci, T., Reguzzoni, M., Casartelli, M., Grimaldi, A., Tettamanti, G. & Brandmayr, P., 2020. An In-Depth Description of Head Morphology and Mouthparts In Larvae of The Black Soldier Fly *Hermetia illucens*. *Arthropod Structure & Development*, 58(1), pp.1.
- Ebihara, K. & Niwa, R., 2023. Compounds Inhibiting Noppera-bo, a Glutathione S-transferase Involved in Insect Ecdysteroid Biosynthesis: Novel Insect Growth Regulators. *Biomolecules*, 13(3), pp.461.
- Egunjobi, F.B. & Okoye, I.C., 2020. Ovicidal and Larvicidal Activities of Ethanolic Leaf Extracts of Three Botanicals Against the Malaria Vector - *Anopheles gambiae*. *International Annals of Science*, 9(1), pp.111–121.
- Fatmanintyas, I., Ambarningrum, T.B., Atang, A., Haryanto, T. & Setiyono, E., 2022. IPerforma Larva Lalat Tentara Hitam (*Hermetia illucens*) sebagai Biokonversi Limbah Industri Pengolahan Carica Dieng (*Vasconcellea pubescens*) di Wonosobo. *Metamorfosa: Journal of Biological Sciences*, 9(1), pp.130.
- Giannetti, D., Schifani, E., Reggiani, R., Mazzoni, E., Reguzzi, M.C., Castracani, C., Spotti, F.A., Giardina, B., Mori, A. & Grasso, D.A., 2022. Do It by Yourself: Larval Locomotion in the Black Soldier Fly *Hermetia illucens*, with a Novel “Self-Harvesting” Method to Separate Prepupae. *Insects*, 13(2), pp.127.
- Giffari, F.R., Susanto, A., Putra, R.E. & Permana, A.D., 2021. Periode Hidup dan Potensi Reproduksi Lalat Tentara Hitam (*Hermetia illucens*) Linnaeus (Diptera: Stratiomyidae) pada Substrat Kulit Pisang. *Agrikultura*, 32(2), pp.158.
- Gold, M., Tomberlin, J.K., Diener, S., Zurbrügg, C. & Mathys, A., 2018. Decomposition of Biowaste Macronutrients, Microbes, and Chemicals In Black Soldier Fly Larval Treatment: A review. *Waste Management*, 82(1), pp.302–318.

- Jayanthi, S., Khairani, R., Herika, Muhammad, A. & Rafiqah, 2017. Teknik Budidaya Black Soldier Fly (*Hermetia illucens*). *Jurnal Jeumpah*, 4(1), pp.58–66.
- Jiang, Y., Ownley, B. & Chen, F., 2018. Terpenoids from Weedy Ricefield Flatsedge (*Cyperus iria* L.) Are Developmentally Regulated and Stress-Induced, and have Antifungal Properties. *Molecules*, 23(12), pp.3149.
- Jones, B.M. & Tomberlin, J.K., 2021. Effects of Adult Body Size On Mating Success of The Black Soldier Fly, *Hermetia illucens* (L.) (Diptera: Stratiomyidae). *Journal of Insects as Food and Feed*, 7(1), pp.5–20.
- Julianto, T.S., 2019. *Fitokimia Tinjauan Metabolit Sekunder dan Skrining Fitokimia*. Yogyakarta: Universitas Islam Indonesia.
- Julita, U., Kinasih, I. & Andini, D.A., 2023. Potensi Reproduksi Dan Morfometri Lalat Tentara Hitam, *Hermetia illucens* (Linnaeus) (Diptera: Stratiomyidae) yang Dipelihara Pada Kotoran Ayam Dan Kotoran Domba. *Jurnal Entomologi Indonesia*, 20(2), pp.161–172.
- Kementerian Lingkungan Hidup dan Kehutanan Indonesia, 2024. *Sistem Informasi Pengelolaan Sampah Nasional (SIPSN)*. [Website] Kementerian Lingkungan Hidup dan Kehutanan Indonesia. Tersedia di: <<https://sipsn.menlhk.go.id/sipsn/>> [Diakses pada 6 Juni 2024].
- Lukman, A., 2013. Peran Hormon Dalam Metamorfosis Serangga. *Biospecies*, 2(1), pp.42–45.
- Macartney, E.L., Crean, A.J. & Bonduriansky, R., 2022. Parental Dietary Protein Effects On Offspring Viability In Insects and Other Oviparous Invertebrates: A Meta-Analysis. *Current Research in Insect Science*, 2(1), pp.100045.
- Muhayyat, M.S., Yuliansyah, A.T. & Prasetya, A., 2016. Pengaruh Jenis Limbah dan Rasio Umpan pada Biokonversi Limbah Domestik Menggunakan Larva *Black Soldier Fly* (*Hermetia illucens*). *Jurnal Rekayasa Proses*, 10(1), pp.23–29.
- Myers, H.M., Tomberlin, J.K., Lambert, B.D. & Kattes, D., 2008. Development of Black Soldier Fly (Diptera: Stratiomyidae) Larvae Fed Dairy Manure. *Environmental Entomology*, 37(1), pp.11–15.
- Nguyen, T.T.X., Tomberlin, J.K. & Vanlaerhoven, S., 2013. Influence of Resources on *Hermetia illucens* (Diptera: Stratiomyidae) Larval Development. *Journal of Medical Entomology*, 50(4), pp.898–906.
- Nurannisah, A., Ambarningrum, T.B., Atang, Haryanto, T., & Eko Setiyono, 2022. Frekuensi Pemberian Pakan Limbah Carica (*Vasconcellea pubescens* A.DC) terhadap Perkembangan Larva Black Soldier Fly (*Hermetia illucens* L.). *BioEksakta: Jurnal Ilmiah Biologi Unsoed*, 4(2), pp.83–90.
- Ojo, O.A., Ojo, A.B., Barnabas, M., Iyobhebhe, M., Elebiyo, T.C., Evbuomwan, I.O., Michael, T., Ajiboye, B.O., Oyinloye, B.E. & Oloyede, O.I., 2022. Phytochemical Properties and Pharmacological Activities of The Genus *Pennisetum*: A Review. *Scientific African*, 16(1), pp.01132.

- Okaraonye, C.C. & Ikewuchi, J.C., 2008. Nutritional and Antinutritional Components of *Pennisetum purpureum* (Schumach). *Pakistan Journal of Nutrition*, 8(1), pp.32–34.
- Purnamasari, L., Muhlison, W. & Sucipto, I., 2021. Biokonversi Limbah Ampas Tahu dan Limbah Sayur Dengan Menggunakan Agen Larva Black Soldier Fly (*Hermetia illucens*). [Daring] *The 2nd National Conference of Applied Animal Science (CAAS) 2021*. pp.105–111.
- Putra, Y. & Ariesmayana, A., 2020. Efektifitas Penguraian Sampah Organik Menggunakan Maggot (BSF) Di Pasar Rau Trade Center. *Jurnal Lingkungan dan Sumberdaya Alam*, 3(1), pp.11–24.
- Richard, D.S., Jones, J.M., Barbarito, M.R., Stacy Cerula, Detweiler, J.P., Fisher, S.J., Brannigan, D.M. & Scheswohl, D.M., 2001. Vitellogenesis in Diapausing and Mutant *Drosophila melanogaster*: Further Evidence for The Relative Roles Of Ecdysteroids and Juvenile Hormones. *Journal of Insect Physiology*, 47(8), pp.905–913.
- Riddiford, L.M., 2008. Juvenile Hormone Action: A 2007 Perspective. *Journal of Insect Physiology*, 54(6), pp.895–901.
- Riskitavani, D.V. & Purwani, K.I., 2013. Studi Potensi Bioherbisida Ekstrak Daun Ketapang (*Terminalia cattapa*) terhadap Gulma Rumput Teki (*Cyperus rotundus*). *Jurnal Sains & Seni ITS*, 2(2), pp.59–63.
- Salman, N., Nofiyanti, E. & Nurfadhilah, T., 2019. Pengaruh dan Efektivitas Maggot Sebagai Proses Alternatif Penguraian Sampah Organik Kota di Indonesia. *Jurnal Serambi Engineering*, 5(1), pp.1.
- Santos, C.G., Humann, F.C. & Hartfelder, K., 2019. Juvenile Hormone Signaling In Insect Oogenesis. *Current Opinion in Insect Science*, 31(1), pp.43–48.
- Saputra, E.N., Latif, H. & Daud, M., 2022. Pengaruh Substitusi Tepung Maggot (*Hermetia illucens*) dan *Sprouted Folder for Chicken (SF2C)* Dalam Pakan Fermentasi Terhadap Fertilitas, Daya Tetas, dan Bobot Tetas Ayam ALOBRA. *Jurnal Ilmiah Mahasiswa Pertanian*, 7(1), pp.277–285.
- Sciuzzo, C., Franco, A., Salvia, R., Triunfo, M., Addeo, N.F., Vozzo, S., Piccolo, G., Bovera, F., Ritieni, A., Francia, A.D., Laginestra, A., Schmitt, E. & Falabella, P., 2023. Enhancement of Fruit Byproducts Through Bioconversion by *Hermetia illucens* (Diptera: Stratiomyidae). *Insect Science*, 1(1), pp.1744-7917.
- Sujarwo, S., Praptiwi, I.I. & Muchlis, D., 2019. Pengaruh Pupuk Organik Pada Tanah Liat Terhadap Produksi Rumput Raja (*Pennisetumpurpureoides*) Sebagai Pakan Ternak Ruminansia. *Musamus Journal of Livestock Science*, 1(1), pp.39–44.
- Syaiful, F.L., Dinata, U.G.S. & Ferido, 2018. Pemberdayaan Masyarakat Nagari Sontang Kabupaten Pasaman Melalui Inovasi Budidaya Sapi Potong dan Inovasi Pakan Alternatif yang Ramah Lingkungan. *Buletin Ilmiah Nagari Membangun*, 1(3), pp.21–31.

- Tahuk, P.K., Baliarti, E., Budhi, S.P.S. & Panjono, P., 2018. The Effect of Season on the Feed Quantity and Quality and Growth Performance of Male Bali Cattle Fattened in Smallholder Farms. *Buletin Peternakan*, 42(3), pp.1.
- Wu, Z., Yang, L., He, Q. & Zhou, S., 2021. Regulatory Mechanisms of Vitellogenesis in Insects. *Frontiers in Cell and Developmental Biology*, 8(1), pp.593613.
- Yamamoto, R., Bai, H., Dolezal, A.G., Amdam, G. & Tatar, M., 2013. Juvenile Hormone Regulation of *Drosophila* Aging. *BMC Biology*, 11(1), pp.85.

