

DAFTAR PUSTAKA

- Acedevo, S.A., Carillo, A.J.D., Lopez, E.F. & Tovar, C.D.G. 2021. Recovery of banana waste-loss from production and processing: a contribution to a circular economy. *Molecules*, 26(17): 5282.
- Affandi. 2008. Koleksi dan identifikasi tungau predator (Ascidae: Asca) serta kelimpahannya pada ekosistem jeruk mandarin. *Jurnal Holtikultura*, 18: 331-342.
- Ahmad, P.M.K., Biyantoro, D. & Margono. 2017. Pengaruh penambahan EM-4 dan molasses terhadap proses composting campuran daun angkana (*Pterocarpus indicum*) dan akasia (*Acacia auriculiformis*). *Jurnal Rekayasa Proses*, 11(1): 19-23.
- Alkoik, F.N. 2019. Integrating aeration and rotation processes to accelerate composting of agricultural residues. *Plos One*, 14(7): 23-26.
- Amorim, J.B.M., Gansemans, Y., Gomes, S.I.L., Nieuwerburgh, F.V. & Scott-Fordsmand, J.J.S. 2021. Annelid genomes: *Enchytraeus crypticus*, a soil model for the innate (and primed) immune system. *Lab Animal*, 50(10):285-294.
- Ananda, R., Sabrina, T. & Sarifuddin. 2017. Dinamika populasi mesofauna tanah akibat pemberian beberapa jenis dan cara aplikasi bahan organik pada piringan kelapa sawit. *Jurnal Agroekoteknologi FP USU*, 5(1): 178-184.
- Andrianto, E., Susilo, F.X. & Solikhin. 2015. Populasi symphyliid pada beberapa ekosistem tanaman di kawasan terbanggi besar lampung tengah. *Jurnal HPT*, 3(3): 126-133.
- Anggriawan, R., Mulyawan, R. & Santari, P.T. 2020. Mesofauna tanah: diversitas dan kelimpahannya pada beberapa tipe penggunaan lahan berbeda di bogor, jawa barat. *Agritop*, 18(1):107-115.
- Arif, M.A.S., Niswati, A., Yusnaini, S. & Ardiyani, N.P. 2017. Population and diversity of soil and leaf litter mesofauna in arable soils at the agriculture experimental field of university of lampung. *Journal Tropical Soils*, 22(1): 55-66.
- Ariyanti, M., Samudro, G. & Handayani, D.S. 2019. Penentuan rasio bahan sampah organik optimum terhadap kinerja compost solid phase microbial fuel cells (CSMFCs). *Jurnal Presipitasi: Media Komunikasi dan Pengembangan Teknik Lingkungan*, 16(1): 18-20.
- Asha, A.A., Haque, M.M., Hossain, K., Hasan, M., Bashar, A., Hasan, Z., Shohan, M.H., Farin, N.N., Schneider, P. & Bablee, A.L. 2024. Effects of commercial probiotics on the growth performance, intestinal microbiota and intestinal histomorphology of Nile tilapia (*Oreochromis niloticus*) reared in biofloc technology (BFT). *Biology*, 13(299): 4-6.
- Azis, F.A., Choo, M., Suhaimi, H. & Abas, P.E. 2023. The effect of initial carbon to nitrogen ratio on kitchen waste composting maturity. *Sustainability*, 15: 1-18.
- Bachtiar, R.A., Rifki, M., Nurhayat, Y.R., Wulandari, S., Kutsiadi, R.A., Hanifa, A. & Cahyadi, M. 2018. Komposisi unsur hara kompos yang dibuat dengan bantuan agen dekomposer limbah bioetanol pada level yang berbeda. *Sains Peternakan*, 16(2): 63-68.
- Badan Pusat Statistik. 2022. *Terus Dorong Peningkatan Konsumsi Buah Nusantara*. Kementerian Koordinator Bidang Perekonomian: Bekasi. Bar

- Bahtiar, S.A., Muayyad, A., Ulfaningtias, L., Anggara, J., Priscilla, C., & Miswar. 2016. Pemanfaatan kompos bonggol pisang (*Musa acuminata*) untuk meningkatkan pertumbuhan dan kandungan gula tanaman jagung manis (*Zea mays* L. Saccharata). *Agritop Jurnal Ilmu-Ilmu Pertanian*, 1(4): 18-22.
- Behan-Pelletier, V.M. 2002. Acari and collembola biodiversity in canadian agricultural soils. *Canadian Journal of Soil Science*: 279-285.
- Bajerlein, D., Blozyk, J., Halliday, B. & Konwerski, S. 2024. Hitchhiking through life: a review of phoresy in Uropodina mites (Parasitiformes: Mesostigmata). *The European Zoological Journal*, 2024: 32-33.
- Bloszyk, J., Klimcak, J. & Lesniewska, M. 2006. Phoretic relationships between Uropodina (Acari: Mesostigmata) and centipedes (Chilopoda) as an example of evolutionary adaptation of mites to temporary microhabitats. *European Journal of Entomology*, 103(3): 669-680.
- Borror, D.J. 1996. *Pengenalan Pelajaran Serangga*. Edisi 6. Yogyakarta, Universitas Gadjah Mada, 217.
- Carapelli, A., Bu, Y., Chen, W., Nardi, F., Leo, C., Frati, F. & Luan, Y. 2019. Going deeper into high and low phylogenetic relationships of protura. *Genes*, 10(292): 1-25.
- Crotty, F.V. & Adl, S.M. 2019. Competition and predation in soil fungivorous microarthropods using stable isotope ratio mass spectrometry. *Frontiers in Microbiology*, 2019(10): 1274.
- Chen, J., Yao, M., Guo, J., Yi, T. & Jin, D. 2023. The unique cauda-liked structure represents a new subfamily of cunaxidae: description of new taxa and discussion on functional morphology. *Animals*, 13(8): 1363.
- Chen, Z., Zhang, S., Wen, Q. & Zheng, J. 2015. Effect of aeration rate on composting of penicillin mycelial dreg. *Journal of Environmental Sciences*, 37: 172-178.
- Coddington, J.A. & Colwell, R.K. 2001. Arachnids. *Encyclopedia of Biodiversity*, 1: 199-218.
- Coleman, D.C., David, C. & Crossley, D.A. 2004. *Fundamental of Soil Ecology*. Elsevier Academic Press: USA.
- Coleman, D.C. & Wall, D. H. 2015. *Soil Fauna: Soil Microbiology, Ecology, and Biochemistry*: 111-149.
- Culliney, T.W. 2013. Role of arthropods in maintaining soil fertility. *Agriculture*, 2013(3): 629-644.
- D'haese, C.A. 2003. Homology and morphology in poduromorpha (hexapoda, collembola). *European Journal of Entomology*, 101: 385-400.
- Darmasetiawan, M. 2004. *Daur Ulang Sampah dan Pembuatan Kompos*. Ekamitra Engineering: Jakarta.
- Dewi, F.M. & Kusnopranto, H. 2022. Analisis kualitas kompos dengan penambahan bioaktivator EM4 dan molase dengan metode takakura. *Jurnal Ilmu Kesehatan*, 16(1): 69-70.
- Dewi, R.D.C. 2022. Edukasi terkait pengolahan dan pemasaran limbah pertanian pada kelompok tani karisma di banjarsengon kecamatan patrang, jember, jawa timur. *Jurnal Pengabdian Ilm Kesehatan*, 2(3): 81-93.
- Djuarnani, N., Kristian, Setiawan, B.S. 2005. *Cara Cepat Membuat Kompos*. Agromedia Pustaka. Jakarta.

- Eaton, R.J., Barbercheck, M., Buford, M. & Smith, W. 2004. Effect of organic matter removal, soil compaction, and vegetation control on Collembolan populations. *Pedobiologia*, 48(2004): 121-128.
- ElNour, M.E.M., Alfadil, A.G., Manal, F.A. & Saeed, B.A.E. 2015. Effects of banana compost on growth, development, and productivity of *Sorghum bicolor* cultivar (Tabat) council for innovative research. *Journal of Advances in Biology*, 8(2).
- Evan, G.O. & Till, W.M. 1966. Studies on the british dermanyssidae (Acari : Mesostigmata). Part II. Classification. Bulletin of the British Museum (Natural History), *Zoology*, 14 : 109-370
- Ewing, H.E. 1942. The trombiculid mites (chigger mites) and their relation to disease. *Journal of Parasitology*, 30: 339-365.
- Fahmi, M.M. 2016. Community structure of soil fauna based on different vegetation type in taman safari Indonesia II prigen east java (Unpublished thesis). Institut Teknologi Sepuluh November. Surabaya.
- Fenda, P. & Cicekova, J. 2005. Soil mites (Acari, Mesostigmata) of oak forest in the male karpaty mts (w Slovakia). *Ekologia (Bratislava)*, 24(2): 102-112.
- Filser, J. 2002. The role of Collembola in carbon and nitrogen cycling in soil. *Pedobiologia*, 46: 234-245.
- Firmaniar, E. 2017. Pengaruh pemberian campuran EM4, tetes tebu, dan limbah cair tahu sebagai pupuk organik cair terhadap pertumbuhan tanaman bayam merah (*Alternanthera amoena* Voss) (Skripsi). Universitas Sanata Dharma. Yogyakarta.
- Gallego, J.R., Gamez, M. & Cabello, T. 2019. Potential of the *Blattisocius mali* mite (Acari: Blattisociidae) as biological control agent of potato tuber moth (Lepidoptera: Gelechiidae) in stored potatoes. *Potato Research*, 63:241-245.
- Gee, K.M., Porter, T.M., Wright, M/ & Hajibabaei, M. 2020. Drivers of tropical soil invertebrate community composition and richness across tropical secondary forests using DNA metasytematics. *Scientific Reports*, 10(18429): 1-16.
- Greenslade, P. & Luan, Y.X. 2018. A new australian record of a parajapygidae (diplura): a potential pest of wheat. *Soil Research*, 56: 657-663.
- Gultom, E.S., Sitompul, A.F. & Rezeqi, S. 2021. Pemanfaatan limbah batang pohon pisang untuk pembuatan pupuk organik cair di desa kulasar kecamatan silinda kabupaten serdang bedagai. *Seminar Nasional Pengabdian Kepada Masyarakat Universitas Negeri Medan*: 462-467.
- Halliday, R.B., Walter, D. E. & Lindquist, E.E. 1998. Revision of the australian ascidae (acarina: mesostigmata). *Invertebrate Taxonomy*, 12: 1-54.
- Heikal, H.M. 2020. *Parasitus fimetorum* and *Macrocheles muscaedomesticae* (Acarina:Parasitidae, Macrochelidae) as natural predators of the root knot nematode, *Meloidogyne javanica* treub. *Egyptian Journal of Biological Pest Control*, 30(2020): 33.
- Heslop-Harrison, J.S. 2011. Genomics, banana breeding and superdomestication. *Acta Horticulturae*, 100(5): 73-84.
- Hyatt, K.H. 1980. Mites of the subfamily parasitinae (mesostigmata: parasitidae) in the british isles. bulletin of the british museum (natural history). *Zoology*, 38: 237-240.

- Ibrahim, H., Hudha, A.M. & Rahardjanto, A. 2014. Keanekaragaman mesofauna tanah daerah pertanian apel desa tulungrejo kecamatan bumiaji kota batu sebagai bioindikator kesuburan tanah. *Seminar Nasional XI Pendidikan Biologi FKIP UNS*.
- Indrati & Murdijati, G. 2013. *Pendidikan Konsumsi Pangan*. Kencana. Jakarta.
- Irianto, I.K. 2015. Hasil proses teknologi pengolahan limbah cair secara bioteknologi terhadap kualitas dan produksi bahan baku pupuk. *Jurnal Lingkungan dan Pembangunan*, 24(2): 1-14.
- Iriawati, A., Widyastuti, R., Sutandi, A. & Idris, K. 2016. Biodiversitas dan sifat kimia tanah pada ekosistem lada dan ubi kayu di lampung timur. *Jurnal Tanah dan Iklim*, 40(1): 51-59.
- Islam, M.S., Kasim, S., Alam, K.M., Amin, A.M., Hun, T.G. & Haque, M.A. 2021. Changes in chemical properties of banana pseudostem, mushroom media waste, and chicken manure through the co-composting process. *Sustainability*, 13(15): 8458.
- ITIS. 2024. *Acarus Linnaeus, 1758*. Accessed at: <https://www.gbif.org/species/1489076> on 21-05-2024
- ITIS. 2024. *Androlaelaps A. Berlese, 1903*. Accessed at: <https://www.gbif.org/species/2188265> on 21-05-2024
- ITIS. 2024. *Asca von Heyden, 1826*. Accessed at: <https://www.gbif.org/species/2185555> on 21-05-2024
- ITIS. 2024. *Bdella Latreille, 1795*. Accessed at: <https://www.gbif.org/species/3252840> on 21-05-2024
- ITIS. 2024. *Centrouropoda Berlese, 1917*. Accessed at: <https://www.gbif.org/species/4664356> on 21-05-2024
- ITIS. 2024. *Cheiroseius Berlese, 1916*. Accessed at: <https://www.gbif.org/species/4548528> on 21-05-2024
- ITIS. 2024. *Cunaxa von Heyden, 1826*. Accessed at: <https://www.gbif.org/species/7894089> on 21-05-2024
- ITIS. 2024. *Dermanyssus Duges, 1834*. Accessed at: <https://www.gbif.org/species/8419060> on 21-05-2024
- ITIS. 2024. *Gaeolaelaps G.O. Evans & Till, 1966*. Accessed at: <https://www.gbif.org/species/8500874> on 21-05-2024
- ITIS. 2024. *Gamasselodes Athias-Henriot, 1961*. Accessed at: <https://www.gbif.org/species/4664496> on 21-05-2024
- ITIS. 2024. *Isotomurus Börner, 1903*. Accessed at: <https://www.gbif.org/species/2119898> on 21-05-2024
- ITIS. 2024. *Lepidocyrtus C. Bourlet, 1839*. Accessed at: <https://www.gbif.org/species/2120880> on 21-05-2024
- ITIS. 2024. *Macrocheles Latreille, 1829*. Accessed at: <https://www.gbif.org/species/3252867> on 21-05-2024
- ITIS. 2024. *Ornithonyssus Sambon, 1928*. Accessed at: <https://www.gbif.org/species/7659879> on 21-05-2024
- ITIS. 2024. *Parasitus Latreille, 1795*. Accessed at: <https://www.gbif.org/species/2185003> on 21-05-2024
- ITIS. 2024. *Pogonognathellus Paclt, 1944*. Accessed at: <https://www.gbif.org/species/8359469> on 21-05-2024

- ITIS. 2024. *Uroobovella Berlese, 1905*. Accessed at: <https://www.gbif.org/species/4406409> on 21-05-2024
- ITIS. 2024. *Uropoda Latreille, 1805*. Accessed at: <https://www.gbif.org/species/2188216> on 21-05-2024
- ITIS. 2024. *Vulgarogamasus S.I. Tikhomirov, 1969*. Accessed at: <https://www.gbif.org/species/9728195> on 21-05-2024
- ITIS. 2024. *Zerconopsis Hull, 1918*. Accessed at: <https://www.gbif.org/species/4404492> on 21-05-2024
- Jamaluddin, M.A., Widodo, W.D. & Suketi, K. 2019. Pengelolaan perkebunan pisang cavendish komersial di lampung tengah, lampung. *Buletin Agrohorti*, 7(1): 16-24.
- Jatiningsih, H., Atmanto, T. & Darma, S.I. 2018. Keanekaragaman collembola (ekorpegas) gua groda, ponjong, gunungkidul, daerah istimewa yogyakarta. *Jurnal Prodi Pendidikan Biologi*, 7(6): 407-419.
- Kitryte, N., Krizanauskiene, A. & Baltrunaite, L. 2022. Ecological indices and factors influencing communities of ectoparasitic laelapid mites (Acari, Mesostigmata, Laelapidae) of small mammals in luthuania. *Journal of Vector Ecology*, 47(1): 99-102.
- Knee, W., Beaulieu, F., Skevington, J.H., Kelso, S. & Forbes, M.R. 2012. Cryptic species of mites (Uropodoidea: Uroobovella spp.) associated with burying beetles (Silphidae: Nicrophorus): the collapse of a host generalist revealed by molecular and morphological analyses. *Molecular Phylogenetics and Evolution*, 65(1): 76-86.
- Kontschan, J. 2006. Some zerconid mites (Acari: Mesostigmata: Zerconidae) from Kosova (Serbia-Montenegro) with description of *Zercon kosovina* sp.n. *Zootaxa*, 1276: 47-53.
- Krantz, G.W. 1978. *A Manual of Acarology*. 2nd edition. Oregon State University Book Stores, Inc. Corvallis: 76
- Kusumastuti, A., Indrawati, W., Supriyanto, Kurniawan, A. 2022. Keanekaragaman mesofauna tanah dan aktivitas mikroorganisme tanah pada vegetasi nilam di berbagai dosis biochar dan pupuk majemuk NPK. *Journal of Applied Agricultural Sciences*, 6(2): 145-162.
- Li, W., Liu, Y., Qiangchuan, H., Weiqiang, H., Zheng, H., Gao, X., Yu, J., Zhang, L.H. & Sun, Z. 2019. *Lactobacillus plantarum* improves the efficiency of sheep manure composting and the quality of the final product. *Bioresource Technology* : 122456.
- Mansyur, A., Swardana, A. & Nafi'ah, H.H. 2022. Keberadaan dan peran mesofauna tanah di perkebunan jeruk siam (*Citrus nobilis*) di kecamatan bayongbong, garut. *Journal of Agrotechnology and Science*, 6(2): 86-91.
- Mantasiah. 2015. Pengaruh penggunaan pupuk kompos terhadap peningkatan pendapatan petani jagung manis (*Zea mays saccharata* Linn) di desa katangka kecamatan botonampo kabupaten gowa (Skripsi). Universitas Muhammadiyah Makassar. Makassar.
- Maribie, C.W., Nyamasyo, G.H.N., Ndegwa, P.N., Mung'atu, J.K., Lagerlof, J. & Gikungu, M. 2011. Abundance and diversity of soil mites (acari) along a gradient of land use types in taita taveta, kenya. *Tropical and Subtropica; Agroecosystems*, 13(1): 11-26.

- Marimuthu, C., Manickam, J., Thangavelu, R., Veeramalai, K. & Shanmugam, V. 2010. Recycling organic waste and composting at direct plantain field for the cost effective production of biofertilizer and application studies at Tiruchirapalli District of South India. *International Journal Applied Agricultural Research*, 5(3): 337-342.
- McDaniel, B. 1994. *How to Know the Mites and Ticks*. Wm. C. Brown Company, USA: 76.
- Mehranian, M. 2014. A new species of the genus *Cheiroseius* Berlese (Acari: Mesostigmata: Ascidae) from iran. *Biologia*, 69(3): 350-353.
- Murbandono, L. 2007. *Membuat Kompos*. Penebar Niaga Swadaya. Jakarta.
- Mustafa, A.M., Shalaby, F.F., Yassin, E.M.A., Khalil, A.M., Eissa, Y.A.E., Faten & Shahata, E. 2016. Biological studies of laelapid predacious mites, *Androlaelaps casalis*, Berlese and *Laelaps astronomicus* Koch on two food types under three temperature degrees. *Menoufia Journal of Plant Production*, 2016: 111-119.
- Napierala, A. & Bloszyk, J. 2021. The maturity index for Uropodina (Acari: Mesostigmata) communities as a indicator of human-caused disturbance in selected forest complexes of Poland. *Experimental and Applied Acarology*, 83: 475-480.
- Negm, M.W. & Gotoh, T. 2018. Mites of the family Parasitidae Oudemans, 1901 (Acari: Mesostigmata) from japan: a new species of *Vulagarogaasus* Tichomirov, 1969, and a key to Japanese species. *Zootaxa*, 4429(2): 379-389.
- Neher, D.A. & Barbercheck, M.E. 2019. Soil microarthropods and soil health: intersection of decomposition and pest suppression in agroecosystem. *Insects*, 10(12): 414.
- Nendha, S.L.P. & Damanhuri. 2017. Observasi dan karakteristik morfologi tanaman pisang (*Musa* sp.) di kecamatan ngancar kabupaten kediri. *Jurnal Produksi Tanaman*, 5(5): 821-827.
- Nielsen, U.N. 2019. *Soil and It's Fauna: Soil Fauna Assemblages Global to Local Scales*. Cambridge University Press, Cambridge: 1-41.
- Nikkel & Deborah. 1993. *Small-scale, Static-aerated Pile, Controlled Composting System*. Resource Management Branch BCMAFF. Abbotsford.
- Nirigi, E., Sucahyo, S. & La Oktulseja, J. 2019. Efek penambahan probiotik terhadap pertumbuhan cacing dan kualitas kompos yang dihasilkan. *BIOEDUSAINS: Jurnal Pendidikan Biologi dan Sains*, 2(2): 180.
- Nisa, C. & Rodinah. 2015. Kultur jaringan beberapa kultivar buah pisang (*Musa paradisiaca* L.) dengan pemberian campuran NAA dan kinetin. *Jurnal Bioscientiae*, 2(2): 23-36.
- Niswati, A., Pangaribuan, Y.A.L.D.J., Lumbanraja, J. & Arif, M.A.S. 2019. Abundance and diversity of soil mesofauna under tillage system in maize plantation at ultisols soil. *International Seminar and Congress of Indonesian Soil Science Society*: 393.
- Niwangtika, W. & Ibrohim. 2017. Kajian komunitas ekor pegas (collembola) pada perkebunan apel (*Malus sylvestris* Mill.) di desa tulungrejo bumiaji kota batu. *Bioeksperimen*, 3(2): 76-82.
- Ojeda, M. & Gasca-Pineda, J. 2019. *Abundance and Diversity of the Soil Microarthropod Fauna from the Cuatro Ciénegas Basin*. An Endangered Hyperdiverse Oasis, 29-51.

- Ozbek, H.H., Bal, D.A. & Dogan, S. 2015. The genus *Macrocheles* latreille (Acari: Mesostigmata: Macrochelidae) from kelkit valley (turkey) with three newly recorded mite species. *Turkish Journal of Zoology*, 39: 768-780.
- Paktinat-Saeij, S., Bagheri, M. & Hernandez, F.A. 2016. A new species and a record of bdellidae (acari: trombidiformes: bdelloidea) from iran. *Systematic & Applied Acarology*, 21(10): 1346.
- Pass, G. & Szucsich, N.U. 2011. 100 years of research on the protura: many secret still retained. *Soil Organism*, 83(3): 309-334.
- Perez-Rodriguez, J., Calvo, F.J., Urbaneja, A. & Tena, A. 2018. The soil mite *Gaeolaelaps* (Hypoaspis) aculifer (Canestrini) (Acari: Laelapidae) as a predator of the invasive citrus mealybug *Delottococcus aberiae* (De Lotto) (Hemiptera: Pseudococcidae) implications for biological control. *Biological Control*, 127.
- Phae, C.G., Sasaki, M., Shoda, M. & Kubota, H. 2012. Characteristics of *Bacillus subtilis* isolated from compost suppressing phytopathogenic microorganisms. *Soil Science and Plant Nutrition*, 36(4): 575-578.
- Pinandita, A., Biyantoro, D. & Margono. 2017. Pengaruh penambahan EM-4 dan molasses terhadap proses composting campuran daun angkana (*Pterocarpus indicum*) dan akasia (*acasia auriculaformis*). *Jurnal Rekayasa Proses*, 11(1):19-23.
- Poerwanto, S.H., Handiani, A. & Windyaraini, D.H. 2020. Keanekaragaman acarina di pusat inovasi agro teknologi mangunan. *Jurnal Penelitian Saintek*, 25(1): 62-71.
- Porcelli, F., Ragusa, E., D'onghia, A.M., Mizzi, S. & Misfud, D. 2009. Occurrence of *Centrouropoda almerodai* and *Uroobovella marginate* (Acari:Uropodina) phoretic on the red palm weevil in malta. *Buletin of the Entomological Society of Malta*, 2: 61-66.
- Priyambada, I.B. & Wardana, I.W. 2018. Fast decomposition of food waste to produce mature and stable compost. *Journal of Environment and Sustainability*, 2(3): 156-167.
- Resman, Ginting, S., Tufaila, M., Rembon, F.S. & Halim. 2021. Effectiveness of various types of bio-activators to quality of compost fertilizer. *Pakistan Journal of Biological Sciences*, 24(10): 1103-1109.
- Robinson, W.H. 2005. *Handbook of Urban Insects and Arachnids*. Cambridge University Press. Cambridge, UK: 389-401.
- Rueda-Ramirez, D., Carta, L., Mowery, J., Bauchan, G., Ochoa, R., Young, M., Santos, J.C. & Palevsky, E. 2022. In memory of gary bauchan: integrated taxonomy of soil mites in farming system. *Systematic & Applied Acarology*, 27(2): 181-200.
- Rukmana, R. 1999. *Tani Usaha Pisang*, Kanisius: Yogyakarta.
- Rynk, R. 1998. *On-Farm Composting: The Process and Methods*. Cooperative Extension University of Massachusetts. Amherst MA.
- Santi, R., Pratama, D., Kusmiadi, R. & Robiansyah. 2019. Diversity relation between soil mesofauna and C-organic content in pepper plantation area, petaling, bangka belitung islands. *International Conference on Maritime and Archipelago*, 167: 220-226.
- Santheswari, M.R. & Singh, J. 2013. The preliminary identification character of some collembola from varanasi region of uttarh pradesh, india. *Journal of Life*

Sciences, 8(1): 275.

- Santos, L.S.S., Mascarenhas, C.S., Santos, P.R. & Farias, N.A.R. 2020. Mites macronyssidae parasites of *Passer domesticus* (Linnaeus, 1758) (Passeriformes: Passeridae) in the southern of brazil. *Zoociencias*, 21(1): 1-12.
- Saridewi, T.N. 2019. Aplikasi probiotik *pediococcus pentosaceus* dan kotoran kambing untuk pembuatan kompos dari limbah padat kulit kopi. *Seminar Nasional Sains & Teknologi Informasi*: 651-659.
- Schmidt, G.D. & Roberts, L.S. 2009. *Foundations of Parasitology*. 8th Ed. McGraw-Hill Companies, New York: 562, 639-640.
- Shah, G.M., Tufail, N., Bakhat, H.F., Ahmad, I., Shahid, M., Hammad, H., Nasin, W., Waqar, A., Rizwan, M. & Dong, R. 2019. Composting of municipal waste by different methods improved the growth of vegetables and reduced health risks of cadmium and lead. *Environment Science and Pollution Research*, 26: 5463-5474.
- Sharma, B., Vaish, B., Monika, Singh, U.K., Singh, P. & Singh, R.P. 2019. Recycling of organic wastes in agriculture: an environmental perspective. *International Journal of Environmental Research*, 13(2): 409-429.
- Sharma, S., Pradham, K., Satya, S. & Vasudevan, P. 2005. Potentiality of earthworm, for waste management and in other use-a review. *Journal American Science*, 1: 4-16.
- Sidabalok, I., Kasirang, A. & Suriani. 2014. Pemanfaatan limbah organik menjadi kompos. *Majalah Aplikasi Ipteks Ngayah*, 5(2): 85-94.
- Skvarla, M.J., Fisher, J.R. & Dowling, A.P.G. 2014. A Review of Cunaxidae (Acariformes, Trombidiformes) : Histories and Diagnoses of Subfamilies and Genera, keys to World Species, and Some New Locality Records. *Zookeys*, 418: 1-103.
- Steel, H. & Bert, W. 2011. Biodiversity of compost mesofauna and its potential as an indicator of the composting process status. *Dynamic Soil, Dynamic Plant*, 5(2): 45-50.
- Sudrajat, R. 2007. *Seri Agritekno: Mengelola Sampah Kota*. Penebar Niaga Swadaya, Jakarta.
- Suhardjono, Y.R., Deharveng, L., & Bedos, A. 2012. *Collembola (Ekorpegas)*. Vegamedia: Bogor, 97.
- Suharno, Wardoyo, S. & Anwar, T. Perbedaan penggunaan komposter an-aerob dan aerob terhadap laju proses pengomposan sampah organik. *Poltekita: Jurnal Ilmu Kesehatan*, 15(3): 251-255.
- Suhsy, S. & Adriani. 2014. Pengaruh probiotik dan trichoderma terhadap hara pupuk kandang yang berasal dari feses sapi dan kambing. *Jurnal Ilmiah Ilmu-Ilmu Peternakan*, 17(2): 45-53.
- Syarifudin & Zaman, B. 2007. Pengomposan limbah teh hitam dengan penambahan kotoran kambing pada variasi yang berbeda dengan menggunakan starter EM4 (effective microorganism-4). *TEKNIK*, 28(2):125-131.
- Taylor, M.A., Coop, R.L. & Wall, R.L. 2007. *Veterinary Parasitology*. 3rd Ed. Blackwell Publishing, UK: 30-31.
- Rajper, A.M., Udawatta, R.P., Kremer, R.J., Lin, C.H., & Jose, S. 2016. Effects of probiotics on soil microbial activity, biomass and enzymatic activity under cover crops in field and greenhouse studies. *Agroforestry Systems*, 90(1): 812.

- Tavali, I.E. 2022. Monitoring the short-term effect of banana waste compost on the enzymatic activities of soil associated with nitrogen and phosphorus. *International Journal of Agriculture and Wildlife Science*, 8(2)L 328-339.
- Tchobanoglous, George, Theisen, H. & Vigil, S. 1993. *Integrated Solid Waste Management*. McGraw-Hill, Inc. New York.
- Tran-Khac, V., Quetin, P., Espinat, L., Crepin, L., Cousin, C., Perney, P., Hustache, J., Chiapusio, G., Domaizon, I. & Rasconi. 2023. Physico-chemical and high frequency monitoring dataset from mesocosm experiments simulating extreme climate events in lakes. *Data in Brief*, 49 (2023): 2-3.
- Urbanowski, C.K., Horodecki, P., Kamczyc, J., Skorupski, M. & Jagodzinski, A.M. 2021. Predatory mite instars (acari, mesostigmata) and decomposing tree leaves in mixed and monoculture stands growing on a spoil heap and surrounding forests. *Experimental and Applied Acarology*, 2021(84): 722.
- Wardika, A. S., Suminto, S. & Sudaryano, S. 2014. Pengaruh bakteri probiotik pada pakan dengan dosis berbeda terhadap efisiensi pemanfaatan pakan, pertumbuhan dan kelulushidupan lele dumbo (*Clarias Gariepinus*). *Journal of Aquaculture Management and Technology*, (3)4: 9-17.
- Warino, J., Widyastuti, R., Suharjono, Y.R. & Nugroho, B. 2017. Keanekaragaman dan kelimpahan collembola pada perkebunan kelapa sawit di kecamatan bajubang, jambi. *Jurnal Entomologi Indonesia*, 14(2): 51-57.
- Wibowo, C., & Slamet, S. A. 2017. Keanekaragaman makrofauna tanah pada berbagai tipe tegakan di areal bekas tambang silika di Holcim Educational Forest, Sukabumi, Jawa Barat. *Jurnal Silvikultur Tropika*, 08(1), 26–34.
- Widyastuti, R. 2002. *Soil fauna in rainfed paddy field ecosystems: their role in organic matter decompositions and nitrogen mineralization* (Disertation). University of Bonn. Germany.
- Widyawati, I.T. 2008. *Komunitas Collembola Permukaan Tanah pada Lima Tipe Habitat di Kawasan Telaga Warna Kabupaten Bogor dan Cianjur* (Thesis). Institut Pertanian Bogor. Bogor.
- Wong, J.W.C., Wang, X. & Selvam, A. 2017. Improving compost quality by controlling nitrogen loss during composting. *Current Developments in Biotechnology and Bioengineering*, 58-82.
- Xiaoyun, C., Mangiang, L., Feng, H., Xiaofang, M. & Huixin, Li. 2007. Contribution of soil micro-fauna (Protozoa and Nematodes) to rhizosphere ecological functions. *Acta Ecologica Sinica*, 27(8): 3132 - 3143.
- Yule, C.M. & Sen, Y.H. 2004. *Freshwater Invertebrates of the Malaysian Region*. Chapter 33: Collembola. Malaysia, Academy of Science Malaysia, 385; 391-392.
- Zakarya, I.A., Khalib, S.N.B. & Ramzi, N.M. 2018. Effect of pH, temperature and moisture content during composting of rice straw burning at different temperature with food waste and effective microorganisms. *CENVIRON*, 34: 2-8.