

DAFTAR PUSTAKA

- Abou-Elftouh, M.A., Eman, O.H., Bekhit, M.M.M., Hasan, A.M. 2016. Morphological and Molecular Characterization of Milky Mushroom *Calocybe indica* Mutants. *Middle East Journal of Agriculture*. 5(4):739-751.
- Akpaja, E.O., Nwogu, N.A., Odibo, E.A. 2012. Effect of Heavy Metals on The Growth and Development of *Pleurotus tuber-regium*. *Journal Mycosphere*. 3(1):57-60.
- Amin, R., Khair, A., Alam, N., Lee, T.S. 2010. Effect of Different Substrates and Casing Materials on The Growth and Yield of *Calocybe indica*. *Journal Microbiology*. 38(2):97-101.
- Baars, J.J.P., Scholmeier, K., Sonnenberg, A.S.M., Peer, A.V. 2020. Critical Factors Involved in Primordia Building in *Agaricus bisporus*: A Review. *Molecules*. 25(13):1-20.
- Bachtiar, B., Ahmad, A.H. 2019. Analisis Kandungan Hara Kompos Johar *Cassia siamea* Penambahan Aktivator Promi. *BIOMA: Jurnal Biologi Makassar*. 4(1):68-76.
- Bellettini, M.B., Fiorda, F.A., Maieves, H.A., Teixeira, G.L., Avila, S., Hornung, P.S., Junior, A.M., Ribani, R.H. 2019. Factors Affecting Mushroom *Pleurotus* spp. *Saudi Journal of Biological Sciences*. 26(4):633-646.
- Berutu, M.A., Wibowo, R.H., Fadhila, A.A., Darwis, W., Sipriyadi., Berutu, A.S. 2010. Difference of Giving Calcite and Dolomite to The Myselium Growth White Oyster Mushroom (*Pleurotus ostreatus* (Jacq. Ex. Fr.) Kummer). *Jurnal Pembelajaran dan Biologi Nukleus*. 6(2):153-159.
- Blaize, J.F., Suter, E., Corbo, C.P. 2016. *Serial Dilutions and Plating: Microbial Enumeration (Science Education: Microbiology)*. Cambridge, MA: MyJove Corp.
- Braat, N., Koster, M.C., Wosten, H. 2022. Beneficial Interactions Between Bacteria and Edible Mushroom. *Fungal Biology Reviews*. 39:60-72.
- Cai, W., Yao, H., Feng, W., Jin, Q., Liu, Y., Li, N., Zheng, Z. 2009. Microbial Community Structure of Casing Soil During Mushroom Growth. 19(4):446-452.

- Citterio, B., Cardoni, P., Potenza, L., Amicucci, A., Stocchi, V., Gola, G., Nuti, M. 1995. Isolation of Bacteria from Sporocarps of *Tuber Magnatum* Pico, *Tuber Borchii* Vitt. and *Tuber Maculatum* Vitt. *Biotechnology of Ectomycorrhizae*. 241-248.
- Chauhan, M. 2015. Estimation of Accumulation of Zinc Content in Mushroom and Soil by Atomic Absorption Spectroscopy. *International Journal of Innovative Science, Engineering & Technology*. 2(10):424-428.
- Chakraborty, B., Chakraborty, U., Barman, S., Roy, S. 2016. Effect of Different Substrates and Casing Materials on Growth and Yield of *Calocybe indica* (P&C) in North Bengal, India. *Journal of Applied and Natural Science*. 8(2):683-690.
- Fitriani, L., Krisnawati, Y., Anorda, M.O.R., Lanjarini, K. 2018. Jenis-Jenis dan Potensi Jamur Makroskopis yang Terdapat di PT Perkebunan Hasil Musi Lestari dan PT Djuanda Sawit Kabupaten Musi Rawas. *Jurnal Biosilampari: Jurnal Biologi*. 1(1):21-28.
- Febriansyah, E., Saskiawan, I., Riffiani, R., Elfirta, R.R., Setyawan, R.H., Kasirah. 2024. Effect of *Bacillus aryabhatai* Extract Addition on Growth and Productivity of *Pleurotus ostreatus* ((Jacq ex Fr.) P. Kumm). *Journal Food Research*. 8(2):46-49.
- Gadd, G.M., Ramsay, L., Crawford, J.W., Ritz, K. 2001. Nutritional Influence on Fungal Colony Growth and Biomass Distribution in Response to Toxic Metals. *FEMS Microbiology Letters*. 204(2):311-316.
- Handayani, N., Sabdaningsih, A., Jati, O.E., Ayuningrumi, D. 2023. Isolasi dan Karakterisasi Bakteri Endofit dari Akar *Avicennia marina* di Kawasan Mangrove Pantai Tirang, Semarang. *Jurnal Pasir Laut*. 7(2):68-73.
- Hanifa, S.M., Afdhala, R.R., Sari, S. 2022. Keanekaragaman Jamur Makroskopis di Kawasan Ekowisata Sarah Kabupaten Aceh Besar. *Seminar Nasional Biotik*. 10(2):152-175.
- Isnayati., Riyadi, S., Khairunnas, M.I. 2019. Budidaya Jamur Tiram Tanpa menggunakan Plastik Baglog. *Indonesian Journal of Laboratory*. 2(1):14-21.
- Istiqomah, N., Fatimah, S. 2014. Pertumbuhan dan Hasil Jamur Tiram pada Berbagai Komposisi Media Tanam. *Jurnal Ziraah*. 39(3):95-99.

- Jialing, Z., Jifan, W., Lijun, G., Zhan, G., Xiuwei, H., Bin, L. Effects of Different Casing Materials on Yield and Physiological Activity of *Calocybe indica*. 2019. *Journal of South China Agricultural University*. 40(3):53-60.
- Jiwatami, A.M.A. 2022. Aplikasi Termokopel untuk Pengukuran Suhu Autoklaf. *Jurnal Lontar Physics Today*. 1(1):28-44.
- Josephine, R.M., Sahana, B. 2014. Cultivation of Milky Mushroom using Paddy Straw Waste. *International Journal of Current Microbiology and Applied Sciences*. 3(12):404-408.
- Khalkho, S., Koreti, D., Kosre, A., Jadhav, S.K., Chandawanshi, N.K. 2021. Review on Production Technique and Nutritional Status of *Calocybe indica*. *A Journal of Alumni Association of Biotechnology*. 3(1):1-7.
- Khan, N.A., Abbas, M., Rehman, A., Haq, I., Hannan, A. 2011. Impact of Various Sterilization Methods using Different Substrates for Yield Improvement of *Pleurotus spp.* *Journal Agricultural and Food Sciences*. 23(1):20-23.
- Krisna, R., Gellu, A., Seshikala, D. 2019. Cultivation of Milky White Mushroom (*Calocybe indica*) from Agricultural Waste Paddy Straw. *Journal of Pharmacognosy and Phytochemistry*. 8(3):1111-1114.
- Krishnamoorthy, A.S., Balan, V. 2015. A Comprehensive Review of Tropical Milky White Mushroom (*Calocybe indica* P&C). *Microbiology*. 43(3):184-194.
- Krishnamoorthy, A.S., Muthuswamy, M. 1997. Yield Performance of *Calocybe indica* (P&C) on Different Substrated. *Mushroom Research*. 6(1):29-31.
- Laili, N.H., Abida, I.W., Junaidi, A. 2022. Nilai *Total Plate Count* (TPC) dan Jumlah Jenis Bakteri Air Limbah Cucian Garam (Bittern) dari Tambak Garam. *Jurnal Juvenil*. 3(1):36-41.
- Langgeng, R.H., Tini, E.W., Prakoso, B. 2019. Pertumbuhan Bibit Cabai pada media Serbuk Gergaji Kayu Sengon dengan Perendaman Air. *Agrotechnology Research Journal*. 3(2):97-102.
- Liu, Y., Sun, Q., Li, J., Lian, B. 2018. Bacterial Diversity Among The Fruit Bodies of Ectomycorrhizal and Saprophytic Fungi and Their Corresponding Hyphosphere soils. *Scientific Reports*. 8(11672):1-10.

- Lundy, S.D., Payne, R.J., Giles, K.R., Garrill, A. 2001. Heavy Metal have Different Effects on Mycelial Morphology of *Achlya bisexualis* as Determined by Fractal Geometry. *FEMS Microbiology Letters*. 201(1):259-263.
- Ma, X., Yang, T., Xiao, J., Zhang, P. 2023. The Effect of Zinc Sulfate on Mycelial Enzyme Activity and Metabolites of *Pholiota adiposa*. *Journal Plos One*. 18(12):1-20.
- Ma, Y.J., Zheng, L.P., Wang, W. 2019. Bacteria Associated with *Shiraia* Fruiting Bodies Influence Fungal Production of Hypocrellin A. *Frontiers in Microbiology*. 10:1-17.
- Madaan, K., Sharma, S., Kalia, A. 2024. Effect of Selenium and Zinc Biofortification on The Biochemical Parameters of *Pleurotus spp.* Under Submerged and Solid-state Fermentation. *Journal of Trace Elements in Medicine and Biology*. 82:1-11.
- Maheswari, S., Chethan, K., Chithiraichelvan, R. 2018. Cultivation of Milky Mushroom (*Calocybe indica*) on Wood Shavings. *Indian Journal of Applied Research*. 8(4): 50-51.
- Matute, R.G., Serra, A., Figlas, D., Curvetto, N. 2011. Copper and Zinc Bioaccumulation and Bioavailability of *Ganoderma lucidum*. *Journal of Medical Food*. 1-7.
- Maulidina, R., Murdiono, W.E., Nawawi, M. 2015. Pengaruh Umur Bibit dan Komposisi Media Tanam terhadap Pertumbuhan dan Hasil Jamur Tiram Putih (*Pleurotus ostreatus*). *Jurnal Produksi Tanam*. 3(8):649-657.
- Mustachfidoh. 2010. Pengaruh CaCO₃ terhadap Pertumbuhan Jamur Tiram Putih (*Pleurotus ostreatus*). *Jurnal Ilmiah Progressif*. 7(19):53-61.
- Mirunalini, I.S., Dhamodharan, G., Deepalakshmi. 2012. Antioxidant Potential an Current Cultivation Aspect of an Edible Milky Mushroom-*Calocybe indica*. *International Journal of Pharmacy and Pharmaceutical Sciences*. 4(1):137-143.
- Mohamadhasani, F., Rahimi, M. Growth Response and Mycroremediation of Heavy Metals by Fungus *Pleurotus sp.* *Journal Scientific Reports*. 12:1-6.
- Nurlina, S., Nugrahini, T., Hamidah. 2019. Pengaruh Komposisi Dedak dan Ukuran Baglog terhadap Produksi Jamur Tiram Putih (*Pleurotus ostreatus*). *Jurnal Agrifarm*. 8(1):38-44.

- Norfajrina., Istiqamah., Indriyani, A. 2021. Jenis-Jenis Jamur (*Fungi*) Makroskopis di Desa Bandar Raya Kecamatan Tamban Catur. *Al Kawnu: Science and Local Wisdom Journal*. 1(1):17-33.
- Pani, B. 2011. Effect of Age and Quantity of Spawn on Milky Mushroom Production. *Journal Agricultural and Food Sciences*. 2:769-717.
- Patel, P., Trivedi, R. 2016. Yield Performance of *Calocybe indica* on Different Agricultural Substrate. *International Research Journal of Engineering, IT, & Scientifi Research*. 2(3):66-71.
- Qin, W., Zhao, J., Liu, Y., Gao, Q., Song, S., Wang, S., Zhang, B. 2022. Bacterial Community Shifts in Casing Soil Before and After The Cultivation of *Oudemansiella raphanipes*. *Journal of Soil Science and Plant Nutrition*. 22(4).
- Phutela, U., Phutela, R.P. 2012. Effect of Physical and Chemical Factors on Growth of *Calocybe indica* (P&C). *International Journal of Advanved Life Science (IJALS)*. 1:1-9.
- Radulescu, C., Stihi, C,m Busuioc, G., Popescu, I.V., Gheboianu, A.I., Cimpoa, V.G.H. 2010. Evaluation of Essential Elements and Heavy Metal Levels in Fruiting Bodies of Wild Mushroom and Their Substrate by EDXRF Spectrometry and FAA Spectrometry. *Romanian Biotechnological Letters*. 15(4):5444-5456.
- Rozsa, M., Maniutiu, D., Egyed, E. 2021. Influence of Magnesium (Mg) Source on The *Cordyceps militaris* (L.) Mushroom Mycelium Growth. *Current Trends in Natural Sciences*. 10(19):333-340.
- Sari, K.P., Azizah, N. 2020. Pengaruh Komposisi Jenis Media Serbuk Gergaji, Limbah Kapuk dan Tongkol Jagung pada Pertumbuhan dan Hasil Jamur Tiram Putih (*Pleurotus ostreatus*). *Jurnal Produksi Tanaman*. 8(5):495-502.
- Saskiawan, I. Penambahan Inokulan Mikroba Selulolitik pada Pengomposan Jerami Padi untuk Media Tanam Jamur Tiram Putih (*Pleurotus ostreatus*). 2015. *Jurnal Biologi Indonesia*. 11(2):187-193.
- Sasmitaloka, K.S. 2017. Produksi Asam Sitrat oleh *Aspergillus niger* pada Kultivasi Media Cair. *Jurnal Integrasi Proses*. 6(3):116-112.

- Sassine, Y.N., Ghora, Y., Kharrat, M., Bohme, M., dan Abdel-Mawgoud, A.M.R. 2005. Waste Paper as an Alternative for Casing Soil in Mushroom (*Agaricus bisporus*) Production. *Journal of Applied Sciences Research*. 1(3):277-284.
- Sharma, A.K., Sharma, S.S., Gurjar, A.K., 2021. Effect of Different Casing Material on Growth and Yield of *Calocybe indica*. *The Pharma Innovation Journal*. 10(9):604-607.
- Shashikant, M., Bains, A., Chawla, P., Fogarasi, M., Fogarasi, S. 2022. The Current Status, Bioactivity, Food, and Pharmaceutical Approaches of *Calocybe indica*: A Review. *Journal Antioxidants*. 11(6):1-16.
- Singh, V., Kumar, P., Kumar, S., Kumar, K. 2017. Yield Performance of Collected Wild Milky Mushroom (*Calocybe sp.*). *Journal Plant Archives*. 17(1):181-186.
- Sornprasert, R., Kasipar, K., Katekunlaphan, T., Tongchure, S., Sukkapan, P. 2022. The Cultivation of Milky Mushroom (*Calocybe indica* P&C) in the Plastic Bag in Thailand. *International Journal of Agricultural Technology*. 18(4):1809-1824.
- Subbiah, K.A., Balan, V. 2015. A Comprehensive Review of Tropical Milky White Mushroom (*Calocybe Indica* P&C). *Journal Mycobiology*. 43(3):184-194.
- Sugito., Marliyan, S.D., Apriana, H.D. 2022. Uji Kinerja Instrumen Spektrofotometer Serapan Atom (AAS) Shimadzu 6650 F terhadap Logam Fe, Zn pada Kegiatan Kimia Anorganik di UPT Laboratorium Terpadu UNS. *Indonesian Journal of Laboratory*. 5(2):83-89.
- Susilawati, I.O., Imaningsih, W., Mulyanto, A. 2017. Formulasi Media Produksi Bibit F2 Jamur Tiram Putih. *Jurnal Bio-Site*. 3(1):12-18.
- Suwannarach, N., Kumla, J., Zhao, Y., Kakumyan, P. 2022. Impact of Cultivation Substrate and Microbial Community on Improving Mushroom Productivity: A Review. 11(4):1-27.
- Tuzen, M. 2003. Determination of Heavy Metals in Soil, Mushroom and Plant Samples by Atomic Absorption Spectrometry. *Microchemical Journal*. 74:289-297.

- Ubaidillah. 2020. Pelatihan Budidaya Jamur Tiram Putih menggunakan Bibit F1 Desa Bawuran Pleret Bantu 2018. *Journal of Community Empowerment*. 2(1):10-23.
- Wahyuningsih, E., Sulistiyawati, I., Rahayu, N.L. 2022. Pemanfaatan Serbuk Gergaji Kayu untuk Budidaya Jamur Tiram Putih (*Pleurotus ostreatus*) di Kelompok Masyarakat Desa Pasir Kidul. *Jurnal Pengabdian kepada Masyarakat*. 4(2):148-155.
- Wanti, N.R., Shovitri, M., Kuswytasari, N.D. 2022. Konversi Limbah Baglog menjadi Media Tanam dengan Menggunakan Mikroorganisme Lokal (MOL). *Jurnal Sains dan Seni ITS*. 11(5):2337-3520.
- Weil, D.A., Beelman, R.B., Beyer, D.M. 2006. Manganese and Other Micronutrient Additions to Improve Yield of *Agaricus bisporus*. *Bioresources Technology*. 97(8):1012-1017.
- Yuliarini, S., Inayati, T., Suharnanik. 2021. Potensi Komersialisasi Jamur Susu (*Calocybe indica*) pada Petani Jamur (Pengabdian Masyarakat Desa Pondok Jeruk-Tanggul Kab. Jember). *Jurnal Buletin Abdi Masyarakat*. 2(1):40-52.
- Zhang, B., Zhou, J., Li, Q., Gang, B., Peng, W., Zhang, X., Tan, W., Jiang, L., Li, X. 2019. Manganese Affects The Growth and Metabolism of *Ganoderma lucidum* Based on LC-MS Analysis. *PeerJ*. 7:1-19.
- Zieba, P., Sekara, A., Bernas, E., Krakowska, A., Sulkowska, K., Kunicki, E., Suchanek, M., Muszynska, B. Supplementation with Magnesium Salts – A Strategy to Increase Nutraceutical Value of *Pleurotus djamor* Fruiting Bodies.
- Zied, D.C., Minhoni, M.T.A., Pardo-Gonzalez, J.E., Pardo-Gimenez, A. 2010. A Study of Compost Added to a Casing Technique in *Agaricus bisporus* Cultivation from Phase III Bulk Compost. *Hort Science*. 45(11):1649-1653.
- Zied, D.C., Pardo-Gonzalez, J.E., Minhoni, M.T.A., Pardo-Gimenez, A. 2011. A Reliable Quality Index for Mushroom Cultivation. *Journal of Agricultural Science*. 3(4):50-61.

- Zubaidah, S., Saputera., Sartika, Y. 2014. Peningkatan Pertumbuhan dan Hasil Jamur Tiram (*Pleurotus ostreatus*) melalui Variasi Komposisi Media Tanam. *Jurnal AGRIFEAT*. 14(2):95-12.
- Zoysa, L.D.M., Perera, P.C.D., Peramunagama, S.S.M., Kumara, K.L.W. 2020. Effect of Selected Heavy Metals on The Growth Performance and Yield of Comercially Cultivated American Oyster Mushroom (*Pleurotus ostreatus*). *Journal Tropical Agricultural Research & Extension*. 23(3-4):52-59.