

DAFTAR PUSTAKA

- Afzaal, M., Saeed, F., Asghar, A., Shah, Y.A., Ikram, A., Ateeq, H., Hussain, M., Ofoedu, C.E., Chacha, J.S. 2022. Nutritional and Therapeutic Potential of Soursop. *Journal of Food Quality*. 2022.
- Agu, K., Okolie, N., Eze, I., Anionye, J., Falodun, A. 2017. Phytochemical analysis, toxicity profile, and hemomodulatory properties of *Annona muricata* (Soursop). *The Egyptian Journal of Haematology*. 42:36.
- Alemu, D., Tafesse, M., Mondal, A.K. 2022. Mycelium-Based Composite: The Future Sustainable Biomaterial. *International Journal of Biomaterials*. 2022:12.
- Amakiri, A.C., Egbuche, C., Fabian Osuagwu, I., Chiedozi Amakiri, P., Nonye Nwankwo, E., Chukwuemeka Amakiri, A., Micheal Egbuche, C., Somadina Okwelogu, I., Onyinyechi Offor, V., Acha, C.T. 2019. Phytochemical Analysis And Toxicity Of *Annona muricata* Stem Bark And Leaf Extracts On *Anopheles gambiae* larvae. *Journal Of Parasitic Diseases*. 4:1.
- Ambarawati, D., Hidayati, E., Sukenti, K. 2023. Jenis-Jenis Makrofungi Filum Basidiomycota di Lingkungan Kampus Universitas Mataram. *Samota Journal of Biological Sciences*. 2:24–38.
- Angriawan, T. 2006. Budidaya Jamur kuping (*Auricularia auricula judae*). *Universitas Sebelas Maret*. Universitas Sebelas Maret.
- Ardhi, S., Gunawan, T.P., Tjandra, S. 2023. Pengendalian Suhu dan Kelembaban Budidaya Jamur Kuping dengan Kendali PID Penalaan Ziegler-Nichols. *Journal Of Intelligent System and Computation*. 05:2023.
- Aslam, M. 2022. Rice Bran; A Potential Commodity. *Pakistan Biomedical Journal*. 5:37–40.
- Asworo, R.Y., Widayanti, E., Agatha, A.A. 2022. Identifikasi Kandungan Kimia Kulit Sirsak (*Annona Muricata* Linn). *Jurnal Kimia Mulawarman*. 19:81–85.
- Bafadal, M., Dahlia, A.A., Najib, A. 2020. Isolation and Identification of Free Radical Scavenging Compound from Stem Bark Soursoup (*Annona muricata* L.) Extract. *Jurnal Fitofarmaka Indonesia*. 7:26–29.
- Baker, R.L., Brown, R.L., Chen, Z.Y., Cleveland, T.E., Fakhoury, A.M. 2009. A Maize Lectin-Like Protein With Antifungal Activity Against *Aspergillus flavus*. *Journal of Food Protection*. 72:120–127.
- Bellettini, M.B., Fiorda, F.A., Maieves, H.A., Teixeira, G.L., Ávila, S., Hornung, P.S.,

- Júnior, A.M., Ribani, R.H. 2019. Factors Affecting Mushroom *Pleurotus* spp. *Saudi Journal of Biological Sciences*. 26:633–646.
- Bolan, S., Hou, D., Wang, L., Hale, L., Egamberdieva, D., Tammeorg, P., Li, R., Wang, B., Xu, J., Wang, T., Sun, H., Padhye, L.P., Wang, H., Siddique, K.H.M., Rinklebe, J., Kirkham, M.B., Bolan, N. 2023. The Potential Of Biochar As a Microbial Carrier For Agricultural And Environmental Applications. *Science of the Total Environment*. 886:163968.
- Boonthatui, Y., Chongsuwat, R., Kittisakulnam, S. 2021. Production of Antioxidant Bioactive Compounds during Mycelium Growth of *Schizophyllum commune* on Different Cereal Media. *Chiang Mai University Journal of Natural Sciences*. 20:1–10.
- Borisovna, D.A., Igorevna, S.A., Vladimirovna, D.D. 2020. Method of producing growth stimulators from aqueous extract of bark-containing mass. *Federal Service For Intellectual Property*. 239:93–97.
- Cappuccino JG, S.N. 2009. *Microbiology: A Laboratory Manual*, 8th ed. EGC, Jakarta.
- Chang, S.T., Miles, P.G. 2004. *Mushrooms: Cultivation, Nutritional Value, Medicinal Effect, And Environmental Impact: Second edition, Mushrooms: Cultivation, Nutritional Value, Medicinal Effect, and Environmental Impact*. CRC Press LLC.
- Cho, K.Y., Nair, N.G., Bruniges, P.A., New, P.B. 1981. The Use Of Cotton Seed Hulls For The Cultivation Of *Pleurotus sajor caju* In Australia. *The International Society for Mushroom Science*. 11:679–690.
- Djarajah 2001. *Budidaya Jamur Tiram*. Kanisius, Yogyakarta.
- Djuariah, D. 2016. Seleksi dan Adaptasi Tiga Spesies Unggul Jamur Kuping (*Auricularia* spp.) untuk Dataran Medium. *Jurnal Hortikultura*. 26:153.
- Dossa, G.G.O., Yang, Y.Q., Hu, W., Paudel, E., Schaefer, D., Yang, Y.P., Cao, K.F., Xu, J.C., Bushley, K.E., Harrison, R.D. 2021. Fungal Succession In Decomposing Woody Debris Across a Tropical Forest Disturbance Gradient. *Soil Biology and Biochemistry*. 155:108142.
- Edi, D.O. 2020. Potensi Jamur Kuping Hitam (*Auricularia polytricha*) Sebagai Terapi Alternatif Diabetes Melitus. *Journal of Health Science and Physiotherapy*. 2:9–14.
- Elawati, N.E., Dewi, S.P. 2021. Pengaruh Pemberian Air Cucian Beras Terhadap Produktivitas Jamur Merang (*Volvariella volvaceae*) Pada Media Bonggol Jagung. *Journal of Biomedical Science and Health*. 1:1–10.
- Elfandari, H., Yusanto, Y., Septiana, S. 2021. Pertumbuhan Dan Produktivitas Jamur

- Tiram Putih (*Pleurotus ostreatus*) Pada Komposisi Media Tanam Sengon Dan Jerami. *Jurnal Agrotek Tropika*. 9:301.
- Fadhila, A.A., Darwis, W., Berutu, A.S. 2020. Pertumbuhan Miselium Pada Bibit F2 dan F3 Jamur Tiram Putih (*Pleurotus ostreatus* (Jacq.ex.Fr) Kummer) Dengan Penambahan Gula (Sukrosa) Di Usaha Bersama Budidaya Jamur Tiram Kota Medan. *Konservasi Hayati*. 16:22–29.
- Gadd, G.M. 2021. Fungal Biomineralization. *Current Biology*. 31:R1557–R1563.
- Ghany, T.M.A., El-Sheikh, H.H. 2018. Mycology. OMICS Group eBooks, Foster.
- Hadiyanti, N., Lisanty, N., Aji, S.B. 2020. Kajian Produksi Jamur Kuping (*Auricularia auriculajudae*) Pada Berbagai Komposisi Media Tanam. *Jurnal Agrinika : Jurnal Agroteknologi dan Agribisnis*. 4:1–14.
- Hariadi, N., Setyobudi, L., Nihayati, E. 2013. Studi Pertumbuhan Dan Hasil Produksi jamur Tiram Putih (*Pleurotus ostreatus*) Pada Media Tumbuh Jerami Padi Dan Serbuk Gergaji. *Jurnal Produksi Tanaman*. 7:17–24.
- Hasanati, J.N., Yulianto, S.F., Ramadhani, A.N., Dwi, L., Safitri, N.A., Rijal, M.S., Radiastuti, N., Fifendy, M. 2021. Inventarisasi dan Identifikasi Jamur Konsumsi yang diperdagangkan di Beberapa Pasar Swalayan di Kota Tangerang dan Bekasi. *Prosiding Seminar Nasional Biologi*. 1:1312–1323.
- Irvania, W., Nihayati, E. 2021. Perbandingan Pemberian Larutan Nutrisi Gula Pasir, Air Cucian Beras dan Air Kelapa Tua pada Pertumbuhan dan Hasil Jamur Tiram Putih (*Pleurotus ostreatus*) Comparison of Addition Solution of Sugar, Rice Washing Water, and Old Coconut Water on Growth and Yie. *Jurnal Produksi Tanaman*. 9:464–469.
- Juwita, D.A., Muchtar, H., Martha, D. 2015. Efek Ekstrak Etanol Kulit Batang Sirsak Terhadap Penurunan Kadar Gula Darah dan Kolesterol. *Jurnal Sains Farmasi & Klinis*. 2:36.
- Khusnul, K. 2019. Optimization Of Growth Of Oyster Mushroom Mycelium (*Pleurotus* sp.) From Tasikmalaya On Several Kinds Of Cereal Medium. *Journal of Microbial Systematics and Biotechnology*. 1:13–17.
- Khusnul, K., Syarif Muchamad, R., Amanda Putri, A. 2021. The Effect Of Different Types Of *Ganoderma lucidum* Isolates On The Growth Of Mycelium On The Growing Medium (Baglog). *Jurnal Agronomi Tanaman Tropika (Juatika)*. 3:68–78.
- Kirk, P.M. 2024. Species Fungorum Plus [WWW Document]. *Royal Botanic Gardens*. URL <https://www.checklistbank.org/dataset/2073/about> (accessed 8.7.24).
- Kusmardiyani, S., Novita, G., Fidrianny, I. 2016. Antioxidant Activities From Various

Extracts Of Different Parts Of Kelakai (*Stenochlaena palustris*) Grown In Central Kalimantan - Indonesia. *Asian Journal of Pharmaceutical and Clinical Research*. 9:215–219.

- Lestari, A., Saputro, N.W., Adiansyah, R. 2019. Uji Laju Pertumbuhan Miselia Jamur Merang (*Volvarella volvaceae*) Lokasi Purwasari Terhadap Jenis Media Biakan Murni Dan Umur Panen Yang Berbeda. *Jurnal Agrotek Indonesia*. 4:44–49.
- Liwanag, E.J., Dulay, R.M., Kalaw, S. 2020. Mycelial Growth Of Philippine Mushroom *Lentinus tigrinus* In Selected Cucurbit-Based Media And Its Antioxidant Activity. *Asian Journal of Agriculture and Biology*. 8:323–329.
- Lubis, S.S. 2016. Pengaruh Serat Limbah Tandan Sawit (*Elaeis guineensis*) Sebagai Media Pertumbuhan Jamur Kuping (*Auricularia polythrica*). *Jurnal Aricis I*. 1:535–542.
- Madusanka, C., Udayanga, D., Nilmini, R., Rajapaksha, S., Hewawasam, C., Manamgoda, D., Vasco-Correa, J. 2024. A Review Of Recent Advances In Fungal Mycelium Based Composites. *Discover Materials*. 4:13.
- Maradona, R. 2013. Upaya Perbaikan Mutu Bibit Jamur Shiitake (*Lentinus edodes*) Melalui Penggunaan Beberapa Media Biji-Bijian Dan Ekspresi Dalam Produksi Enzim Amilase Dan Selulase. Universitas Andalas.
- Martínez-Cruz, M., Zenteno, E., Córdoba, F. 2001. Purification And Characterization Of A Galactose-Specific Lectin From Corn (*Zea mays*) Coleoptyle. *Biochimica et Biophysica Acta - General Subjects*. 1568:37–44.
- Maulidiana, 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 Tanaman*. 3:649–657.
- Memon, A.A., Mangrio, G.S., Kaleri, A.A., Kumar, B., Khan, M., Kaleri, R.R., Kaleri, H.A., Kaleri, S.H., Wahocho, N.A. 2017. Effect of Dextrose Sugar on the Growth and Production of Oyster Mushroom (*Pleurotus ostreatus*) through Tissue Culture. *Journal of Basic & Applied Sciences*. 13:139–142.
- Meyer, V., Basenko, E.Y., Benz, J.P., Braus, G.H., Caddick, M.X., Csukai, M., De Vries, R.P., Endy, D., Frisvad, J.C., Gunde-Cimerman, N., Haarmann, T., Hadar, Y., Hansen, K., Johnson, R.I., Keller, N.P., Kraševc, N., Mortensen, U.H., Perez, R., Ram, A.F.J., Record, E., Ross, P., Shapaval, V., Steiniger, C., Van Den Brink, H., Van Munster, J., Yarden, O., Wösten, H.A.B. 2020. Growing A Circular Economy With Fungal Biotechnology: A White Paper. *Fungal Biology and Biotechnology*. 7:1–23.
- Moghadamtousi, S.Z., Fadaeinasab, M., Nikzad, S., Mohan, G., Ali, H.M., Kadir, H.A. 2015. *Annona muricata* (Annonaceae): A Review Of Its Traditional Uses,

- Isolated Acetogenins And Biological Activities. *International Journal of Molecular Sciences*. 16:15625–15658.
- Mutakin, M., Fauziati, R., Fadhilah, F.N., Zuhrotun, A., Amalia, R., Hadisaputri, Y.E. 2022. Pharmacological Activities of Soursop (*Annona muricata* Lin.). *Molecules*. 27:1–17.
- Norfajrina, N., Istiqamah, I., Indriyani, S. 2021. Jenis-Jenis Jamur (Fungi) Makroskopis Di Desa Bandar Raya Kecamatan Tamban Catur. *Al Kawnu : Science and Local Wisdom Journal*. 1:17–33.
- Novaes, E., Kirst, M., Chiang, V., Winter-Sederoff, H., Sederoff, R. 2010. Lignin And Biomass: A Negative Correlation For Wood Formation And Lignin Content In Trees. *Plant Physiology*. 154:555–561.
- Nurilla, N., Setyobudi, L., Nihayati, E. 2013. Studi Pertumbuhan Dan Produksi Jamur Kuping (*Auricularia auricula*) pada Substrat Serbuk Gergaji Kayu dan Serbuk Sabut Kelapa. *Jurnal Produksi Tanaman*. 1:40–47.
- Packialakshmi, B., Sudha, G., Charumathy, M. 2015. Total Phenol, Flavonoid And Antioxidant Properties Of *Auricularia auricula-judae*. *International Journal of Pharmacy and Pharmaceutical Sciences*. 7:233–237.
- Peng, S.H.T., Yap, C.K., Ren, P.F., Chai, E.W. 2019. Effects of Environment And Nutritional Conditions On Mycelial Growth Of *Ganoderma boninense*. *International Journal of Oil Palm*. 2:95–107.
- Pozdnyakova, V.F., Senchenko, M.A., Sorokin, A.N. 2022. Influence Of Sapropele On Mineral Content In Crops. *Vestnik APK Verhnevolzh`ia*. 44:68–73.
- Pramita, I., Nurmiati, Periadnadi 2015. The Effect of Calcite and Dolomite to The Mycelium Growth and Production of Black Ear Mushroom (*Auricularia polytricha* (Month.) Sacc.). *Online Journal of Natural Science*. 4:329–337.
- Pratomo, R.H.S., Nur, S.M., Herlina 2023. Keragaman Jamur Di Kawasan Hutan Wangkung Kecamatan Ndosso Kabupaten Manggarai Barat. *Jurnal Biogenerasi*. 8:548–550.
- Priya, R.U., Geetha, D., Darshan, S. 2016. Biology and Cultivation of Black Ear Mushroom-*Auricularia* spp. *Advances in Life Sciences*. 5:10252–10254.
- Puliga, F., Leonardi, P., Minutella, F., Zambonelli, A., Francioso, O. 2022. Valorization of Hazelnut Shells as Growing Substrate for Edible and Medicinal Mushrooms. *Horticulturae*. 8:214.
- Rawiningtyas, S., Purnomo, A.S., Fatmawati, S. 2023. Evaluation of Nutrient Content and Antioxidant Activity of Wood Ear Mushroom (*Auricularia auricula-Judae*) in the Addition of Reeds (*Imperata cylindrica* (L.) Beauv) as a Cultivation

Medium. *Journal of Biosciences*. 30:224–231.

Rianasari, D., Triana, M.N., Dewi, M.R., Astutik, Y., Wirawan, R. 2022. The Classification of Mushroom Types Using Naive Bayes and Principal Component Analysis. *Jurnal Informatika dan Sains*. 05:124–130.

Rochman, A. 2015. Perbedaan Proporsi Dedak Dalam Media Tanam Terhadap Pertumbuhan Jamur Tiram Putih (*Pleurotus florida*). *Jurnal Agribisnis Fakultas Pertanian*. 11:241–399.

Rosmiah, R., Aminah, I.S., Hawalid, H., Dasir, D. 2020. Budidaya Jamur Tiram Putih (*Pleurotus ostreatus*) Sebagai Upaya Perbaikan Gizi Dan Meningkatkan Pendapatan Keluarga. *Altifani: International Journal of Community Engagement*. 1:31–35.

Rózsa, M., Măniuțiu, D.-N., Egyed, E. 2021. Influence Of Magnesium (Mg) Source On The *Cordyceps militaris* (L.) Mushroom Mycelium Growth. *Current Trends in Natural Sciences*. 10:333–340.

Rukmi, R.B., Dewi Nur Aisyah, M., Mutoharoh, T. 2022. Efektivitas Air Leri Dan Air Kelapa Terhadap Pertumbuhan Dan Hasil Jamur Tiram (*Pleurotus Ostreatus*). *Corolla: Jurnal Sains Pertanian*. 3:1–12.

Salempa, P. 2016. Uji Bioaktivitas Senyawa Metabolit Sekunder Ekstrak Kloroform Kulit Batang Sirsak (*Annona muricata* Linn.). *Jurnal Bionature*. 17:37–40.

Saputri, R., Periadnadi, Nurmiati 2016. Pengaruh Kapur dan Dolomit Terhadap Pertumbuhan Miselium dan Produksi Jamur Tiram Merah Muda (*Pleurotus flabellatus* Saccardo). *Online Jurnal of Natural Science*. 5:1–10.

Satriyanto, F. 2011. *Rekayasa Pembibitan Jamur Tiram*. Karya Jamur Persada, Malang.

Schoder, K.A., Krümpel, J., Müller, J., Lemmer, A. 2024. Effects of Environmental and Nutritional Conditions on Mycelium Growth of Three Basidiomycota. *Mycobiology*. 52:124–134.

Seswati, R., Nurmiati, Periadnadi 2013. Pengaruh Pengaturan Keasaman Media Serbuk Gergaji Terhadap Pertumbuhan dan Produksi Jamur Tiram Cokelat (*Pleurotus cystidiosus* O . K . Miller .). *Biologi Universitas Andalas*. 2:31–36.

Sitompul, F.T., Zuhry, E., Armaini 2017. Pengaruh Berbagai Media Tumbuh dan Penambahan Gula (Sukrosa) Terhadap Pertumbuhan Jamur Tiram Putih (*Pleurotus Ostreatus*). *Jom Faperta*. 4:1–15.

Sugiyanto, A.R.P.P.N. 2016. *Pertumbuhan Misellium Bibit F1 Jamur Tiram Dan Jamur Merang Pada Media Kardus Dan Media Biji Jagung*. Universitas Muhammadiyah Surakarta.

- Sulistiyowati, R., Hartanti, A., Bahaudin, A. 2022. Response to Growth And Production Of Oyster Mushrooms (*Pleurotus ostreatus*) With The Addition Of Bran and Some Molasses Concentrations In Baglogs. *Jurnal Nabatia*. 10:91–98.
- Sun, S., Zhang, X., Chen, W., Zhang, L., Zhu, H. 2016. Production Of Natural Edible Melanin By *Auricularia auricula* And Its Physicochemical Properties. *Food Chemistry*. 196:486–492.
- Utama, P., Suhendar, D., Romalia, L.H. 2013. Penggunaan Berbagai Macam Media Tumbuh Dalam Pembuatan Bibit Induk Jamur Tiram Putih. *Jurnal Agroteknologi*. 5:45–53.
- Yin, C., Schlatter, D.C., Kroese, D.R., Paulitz, T.C., Hagerty, C.H. 2021. Responses of Soil Fungal Communities to Lime Application in Wheat Fields in the Pacific Northwest. *Frontiers in Microbiology*. 12.
- Yumna, H. 2014. Studi Komparatif Beberapa Media Bibit Induk dan Media Bibit Produksi Terhadap Pertumbuhan Miselium dan Produksi Jamur Merang (*Volvariella volvacea* (Bull.) Singer). Universitas Andalas.
- Zakaria, M.K., Matanjun, P., George, R., Pindi, W., Mamat, H., Surugau, N., Seelan, J.S.S. 2022. Nutrient Composition, Antioxidant Activities and Glycaemic Response of Instant Noodles with Wood Ear Mushroom (*Auricularia cornea*) Powder. *Applied Sciences (Switzerland)*. 12.
- Zarmiyeeni, Z. 2016. Pertumbuhan Bibit F2 Jamur Tiram pada Berbagai Komposisi Media. *Rawa Sains: Jurnal Sains Stiper Amuntai*. 6:447–452.
- Zhou, S., Ma, F., Zhang, X., Zhang, J. 2016. Carbohydrate Changes During Growth And Fruiting In *Pleurotus ostreatus*. *The British Mycological Society*. 120:852–861.
- Zhou, Y., Chen, L., Fan, X., Bian, Y. 2014. De Novo Assembly Of *Auricularia polytricha* Transcriptome Using Illumina Sequencing For Gene Discovery And SSR Marker Identification. *Plos One*. 9:91740.