

DAFTAR REFERENSI

- Achmad, Mugiono, Arlianti, T. & Azmi, C., 2011. *Panduan Lengkap Jamur*. Jakarta: Penebar Swadaya.
- Ahmad, R. et al., 2014. Antioxidant Properties and Glucan Compositions of Various Crude Extract from *Lentinus squarrosulus* Mycelial Culture. *Advances in Bioscience and Biotechnology*, 5, pp.805-14.
- Alam, N. et al., 2010. Antioxidant Activities and Tyronase Inhibitory Effects of Different Extracts from *Pleurotus ostreatus* Fruiting Bodies. *Mycobiology*, 38(4), pp.295-301.
- Al-Dbass, A., Al-Daihan, S. & Bhat, R., 2012. *Agaricus blazei* Murill as an Efficient Hepatoprotective and Antioxidant Agent Against CCl₄-Induced Liver Injury in Rats. *Saudi Journal of Biological Science*, 19, pp.303-09.
- Al-Dbass, A., Al-Daihan, S. & Bhat, S., 2012. *Agaricus blazei* Murill as an Efficient Hepatoprotective and Antioxidant Agent Against CCl₄-induced liver Injury in Rats. *Saudi Journal of Biological Science*, 19, pp.303-09.
- Barry, M.L., 2009. *Mushroom and Yeast Beta Glucan Assay*. Irlandia: Megazyme.
- Bintang, M., 2010. *Biokimia: Teknik Penelitian*. Jakarta: Erlangga.
- Bobek, P. & Galbavy, S., 2001. Effect of pleuran (beta glucan from *Pleurotus ostreatus*) on the antioxidant status of the organism and on dimethylhydrazine induced precancerous lesions in rat colon. *Brit. J. Biomed. Sci*, 58(3), pp.164-68.
- Chang, S.-t. & Miles, P.G., 2004. *Mushrooms Cultivation, Nutritional Value, Medicinal Effect, and Environmental Impact*. 2nd ed. London: CRC Press.
- Chauhan, A.K. & Varma, A., 2016. *A Textbook of Molecular Biotechnology*. New Delhi: I. K International Publishing House Pvt. Ltd.
- Cheung, P.C.K., 2008. *Mushrooms as Functional Foods*. New Jersey: John Wiley & Sons.
- Cheung, L., Cheung, P. & Ooi, V., 2003. Antioxidant Activity and Total Phenolics of Edible Mushrooms Extracts. *Food Chemistry*, 81, pp.249-55.
- Deepalakshmi, K. & Mirunalini, S., 2014. *Pleurotus ostreatus*: an Oyster Mushroom With Nutritional and Medicial Properties. *J Biochem Tech*, 5(2), pp.718-26.
- Gandjar, I., Sjamsuridzal, W. & Oetari, A., 2006. *Mikologi Dasar Terapan*. Jakarta: Yayasan Obor Indonesia.

- Glamoclija, J. et al., 2015. A Comparative Study on Edible Agaricus Mushrooms as Functional Foods. *The Royal Society of Chemistry*.
- Glamoclija, J. et al., 2015. A Comparative Study on Edible Agaricus Mushrooms as Functional Foods. *Royal Society of Chemistry*.
- Harborne, J.B., 1973. *Phytochemical Methods: A Guide to Modern Techniques of Plant Analysis*. Science Paperbacks.
- Harbourne, J., 1984. *Terjemah: Metode Fitokimia Penuntun Cara Modern Mwangalisa Tumbuhan*. Bandung: ITB.
- Hendritomo, H.I., 2010. *Jamur Konsumsi Bekhasiat Obat*. Yogyakarta: Lily Publisher.
- Khatua, S., Paul, S. & Acharya, K., 2013. Mushrooms as The Potential Source of New Generation of Antioxidant: A review. *Research Journal Pharm. and Tech*, 6(5), pp.496-505.
- Kozarski, M. et al., 2014. Polysachaides of Hinger Fungi: Biological Role, Structure, and Oxidative Activity. *Hem. Ind*, 68(3), pp.305-20.
- Kozarski, M. et al., 2012. Antioxidative Activities and Chemical Characterization of Polysaccharides Extracts from The Widely Used Mushrooms *Ganoderma applanatum*, *Ganoderma lucidum*, *Lenitus edodes* and *Trametes versicolor*. *Journal of Food Composition and Analysis*, 26, pp.144-53.
- Lam, C.N., 2012. *Sifat Fizikokimia dan Sensori Bebola Ikan daripada Ikan Tilapia Merah (Oreochromis niloticus) dan Cenawan Tiam Abu (Pleurotus sajor-caju)*. Tesis. Malaysia: Universiti Malaysia Sabah.
- Loganathan, J. et al., 2010. Antioxidant and Phytochemical Potential of Wild Edible Mushrooms *Termitomyces reticulatus*: Individual Cap and Stipe Collected From South Eastern Part of India. *IJPSR*, 1(7), pp.62-72.
- Megazyme International Ireland, 2016. *Megazyme*. [Online] Irlandia: Megazyme Available at: [//www.megazyme.com](http://www.megazyme.com).
- Mizuno, T., 1999. The Extraction and Development of Antitumour-active Polysaccharides From Medicinal Mushrooms in Japan. *International Journal of Medicinal Mushrooms*, 1, pp.9-29.
- Mshandete, A.M. & Cuff, J., 2007. Proximate and Nutrient Composition of Thre Types of Indigenous Edible Mushrooms Grows in Tanzania and Their Utilization Prospects. *AJFAND*, 7(6), pp.1-16.
- Mursito, B. & Sari, R., 2012. Elusidasi Struktur Senyawa Beta Glukan dari Serat Jamur Shiitake (*Lentinus edodes*) yang Larut dalam Air Menggunakan Metode Spektrometri. *Fitofarmaka*, 2(1), pp.105-13.

- Nandi, A. et al., 2013. Antioxidant and Immunostimulant B glucan From Edible Mushroom *Russula albonigra* (Krombh.) Fr. *Carbohydrate Polymers*, 99, pp.774-82.
- Ramadhan, P., 2015. *Mengenal Antioksidan, Cetakan Pertama*. Yogyakarta: Graha Ilmu.
- Ramos, I., Lanao, M., Clavijo, M. & Andrade, C., 2016. Effect of Different Cooking Methods on Nutritional Value and Antioxidant Activity of Cultivated Mushrooms. *International Journal of Food Sciences and Nutrition*, pp.1-11.
- Rashidi, A. & Yang, T., 2016. Nutritional and Antioxidant Values of Oyster Mushroom (*P. Sajor-caju*) Cultivated on Rubber Sawdust. *International Journal on Advanced Science Engineering Information Technology*, 6(2), pp.161-64.
- Rathore, H., Prasad, S. & Satyawati, 2017. Mushroom Nutraceuticals for Improved Nutrition and Better Human Health: A Review. *Pharma Nutrition*.
- Saputri, R., Periadnadi & Nurmiati, 2016. Pengaruh Kapur dan Dolomit terhadap Pertumbuhan Miselium dan Produksi Jamur Tiram Merah Muda (*Pleurotus flabellatus* Saccardo). *Online Journal of Natural Science*, 5(1), pp.1-10.
- Sari, M., Prange, A., Lelley, J. & Hambitzer, R., 2016. Screening of Beta Glucan Contents in Commercially Cultivated and Wild Growing Mushrooms. *Food Chemistry*.
- Sarwintyas, 2001. *Tinjauan Literatur Jamur Kegunaan Kimia dan Khasiat*. Jakarta: LIPI.
- Stamets, P., 2000. *Growing Gourmet and Medicinal Mushrooms*. 3rd ed. New York: Ten Speed Press.
- Sumarni, 2006. Botani dan Tinjauan Gizi Jamur Tiram Putih. *Jurnal Invasi Pertanian*.
- Sunarni, T., 2005. Aktivitas Antioksidan Penangkap Radikal Bebas Beberapa Kecambah dari Biji Tanaman Familia Papilionaceae. *Jurnal Farmasi Indonesia*, 2(2), pp.53-61.
- Synytsya, A. et al., 2008. Mushrooms of Genus *Pleurotus* as a Source of Dietary Fibres and Glucans for Food Supplements. *Czech J Fod Sci*, 26, pp.441-46.
- Tjokrokusumo, D., 2015. Diversitas Jamur Pangan Berdasarkan Kandungan Beta-glukan dan Manfaatnya Terhadap Kesehatan. In *Pros Sem Nas Masy Biodiv Indon.*, 2015.

- Tjokrokusumo, D., 2015. Diversitas Jamur Pangan Berdasarkan Kandungan β -glukan dan Manfaatnya Terhadap Kesehatan. In *Pros Sem Nas Masy Biodiv Indon.*, 2015.
- Utami, T., Arbianti, R., Hermansyah, H. & Reza, A., 2009. Perbandingan Aktivitas Antioksidan Ekstrak Etanol Daun Simpur (*Dillenia indica*) dari Berbagai Metode Ekstraksi. In *Seminar Nasional Teknik Kimia Indonesia*. Bandung, 2009.
- Wiardani, I., 2010. *Budi Daya Jamur Konsumsi*. Yogyakarta: Lily Publisher.
- Widyastuti, N. et al., 2011. Analisa Kandungan Beta Glukan Larut Air dan Larut Alkali dari Tubuh Buah Jamur Tiram (*Pleurotus ostreatus*) dan Shiitake (*Lentinus edodes*). *Jurnal Sains dan Teknologi Indonesia*, 13(3), pp.182-91.
- Widyastuti, N., Tjokrokusumo, D. & Giarni, R., 2011. Potensi Beberapa Jamur Basidiomycota sebagai Bumbu Penyedap Alternatif Masa Depan. In *Prosiding Seminar Agroindustri dan Lokakarya Nasional FKPT-TPI*. Tangerang, 2011. Program Studi TIP-UTM.
- Winarsi, H., 2007. *Antioksidan Alami dan Radikal Bebas*. Yogyakarta: Kanisius.
- Yap, A. & Ng, M., 2002. Inhibition of Human Colon Carcinoma Development by Lentinan from Shiitake Mushroom (*Lentinus edodes*). *J. Altern Complement Med*, 8(5), pp.581-89.
- Zhu, F., Du, B., Bian, Z. & Xu, B., 2015. β -glucans from edible and medicinal mushrooms: characteristics, physicochemical and biological activities. *Journal of Food Composition and Analysis*, 41, pp.165-73.