

DAFTAR PUSTAKA

- Arisandi, R., Marsoem, S. N., Lukmandaru, G., Ashitani, T., & Takahashi, K. 2019. The Contents of Phenolics and Cell Wall Component of *Eucalyptus pellita* F. Muell Stemwood and Bark. *Wood Research*. 64(3): 411-422.
- Arisandi, R., Lukmandaru, G., Sawitri, S., Sunarti, S., & Nirsatmanto, A. 2025. Characterization of Wood Extractives and Antioxidant Activity in *Acacia* hybrid (*Acacia mangium* × *Acacia auriculiformis*) Grown in Wonogiri, Indonesia. *Journal of the Korean Wood Science and Technology*. 53(5): 480-500.
- Augustina, S., Wahyudi, I., Darmawan, I. W., Malik, J., Kojima, Y., Okada, T., & Okano, N. 2021. Effect of Chemical Characteristics on Mechanical and Natural Durability Properties of Three Lesser-Used Wood Species. *Jurnal Sylva Lestari*. 9(1): 161-178.
- Burhanuddin, V., Ulfah, D., & Emelya, R. 2016. Sifat Fisika dan Nilai Keteguhan Rekat Kayu Kecapi (*Sandoricum koetjape* Merr). *Jurnal Hutan Tropis*. 4(2): 145-153.
- del Río, J. C., Gutiérrez, A., González-Vila, F. J., Martín, F., & Romero, J. 1998. Characterization of Organic Deposits Produced in the Kraft Pulping of *Eucalyptus globulus* Wood. *J Chromatogr A*. 823: 457-465.
- del Río, J. C., Gutiérrez, A., González-Vila, F. J., & Martín, F. 1999. Application of Pyrolysis-Gas Chromatography-Mass Spectrometry to the Analysis of Pitch Deposits and Synthetic Polymers in Pulp and Pulp Mills. *J Anal Appl Pyrolysis*. 49: 165-177.
- Dinh, K. L., Harwood, C. E., Kien, N. D., Baltunis, B. S., Hai, N. D., & Thinh, H. H. 2012. Growth and Wood Basic Density of *Acacia* hybrid Clones at Three Locations In Vietnam. *New Forests*. 43: 13-29.
- Haque, M. M., Aziz, M. I., Hossain, M. S., Quaiyyum, M. A., Alam, M. Z., & Jahan, M. S. 2019. Pulping of Hybrid *Acacia* Planted in a Social Forestry Program in Bangladesh. *Cellul Chem Technol*. 53(7-8): 739-745.

- Haroen, W. K. 2006. Variabilitas Massa Jenis Kayu Daun Lebar Tropis terhadap Karakter Serat, Kimia dan Pulp Sulfat. *Jurnal Ilmu dan Teknologi Kayu Tropis*. 4(2): 71-76.
- Hidayati, F., Purnama, R. A., Praptoyo, H., & Sunarti, S. 2018. Pengaruh Kecepatan Pertumbuhan terhadap Sifat Fisika dan Mekanika Kayu *Acacia mangium* Umur 4 Tahun Asal Wonogiri, Jawa Tengah. *Jurnal Ilmu Kehutanan*. 12(2): 248-258.
- Hillis, W. E. 1971. Distribution, Properties and Formation of Some Wood Extractives. *Wood Sci Technol*. 5: 272-289.
- Hillis, W. E. 1987. *Heartwood and Tree Exudates*. Berlin: Springer.
- Hillis, W. E. 1991. Eucalypts: Chemistry and Uses. *Appita*. 44(4): 239-244.
- Iswanto, A. H. 2006. *Sifat Fisis dan Mekanis Kayu Sawit*. Medan: Universitas Sumatra Utara.
- Jahan, M. S., Sabina, R., & Rubaiyat, A. 2008. Alkaline Pulping and Bleaching of *Acacia auriculiformis* Grown in Bangladesh. *Turkish Journal of Agriculture and Forestry*. 32(4): 339-347.
- Kasmudjo. 2010. *Teknologi Hasil Hutan*. Yogyakarta: Cakrawala Media.
- Lessy, I., Ohorella, S., & Karepesina, S. 2018. Sifat Fisis Kayu Sengon (*Paraserianthes falcataria* L. Nielsen) pada Lahan Agroforestry di Ambon, Maluku. *Jurnal Agrohut*. 9(1): 1-11.
- Lukmandaru, G., Sayudha, I. G. N. D., Gustomo, L. S., & Prasetyo, V. E. 2011. Pengukuran Kadar Ekstraktif dan Sifat Warna Kayu *Acacia mangium* dari Lima Provenans. In *Prosiding Seminar Nasional MAPEKI XIII*. 372-380.
- Lukmandaru, G. 2012. Sifat Kelarutan dalam Air, Keasaman dan Kapasitas Penyangga pada Kayu Jati. In *Prosiding Seminar Nasional MAPEKI XIV*. 875-882.

- Lukmandaru, G., Fatimah, S., & Fernandes, A. 2015. Sifat Kimia dan Warna Kayu Keruing, Mersawa dan Kapur. *Jurnal Penelitian Sosial dan Ekonomi Kehutanan*. 1(2): 69-80.
- Miranda, I., Gominho, & J., Pereira, H. 2009. Variation of Heartwood and Sapwood in 18-Year-Old *Eucalyptus globulus* Trees Grown with Different Spacings. *Trees*. 23: 367-372.
- Morais, M. C., & Pereira, H. 2012. Variation of Extractives Content in Heartwood and Sapwood of *Eucalyptus globulus* Trees. *Wood Science and Technology*. 46: 709-719.
- Nascimento, M. D., Santana, A. L. B. D., Maranhão, C. A., Oliveira, L. S., & Bieber, L. 2013. Phenolic Extractives and Natural Resistance of Wood. In *Biodegradation-Life of Science*.
- Ona, T., Sonoda, T., Ito, K., & Shibata, M. 1997. Relationship Between Various Extracted Basic Densities and Wood Chemical Components in *Eucalyptus camaldulensis*. *Wood Science and Technology*. 31(3): 205-216.
- Pereira, H., Graça, J., & Rodrigues, J. C. 2003. Wood Chemistry in Relation to Quality. *Wood Quality and its Biological Basis*. 3: 53-83.
- Poke, F. S., Wright, J. K., & Raymond, C. A. 2005. Predicting Extractives and Lignin Contents in *Eucalyptus globulus* Using Near Infrared Reflectance Analysis. *Journal of Wood Chemistry and Technology*. 24(1): 55-67.
- Purba, B. A. V., Sunarti, S., & Lukmandaru, G. 2021. Phenolics Content and Antioxidant Activity of Wood Extractives from Three Clones of *Acacia* hybrid (*Acacia mangium* × *Acacia auriculiformis*). *Maderas, Ciencia y Tecnología*. 23(29): 1-19.
- Pusat Perlindungan Varietas Tanaman dan Perizinan Pertanian (PPVTPP). 2023. *Berita Resmi: Varietas Hasil Pemuliaan Triwulan II Tahun 2023*. Kementerian Pertanian Republik Indonesia. Diakses dari: <https://online.flippingbook.com/view/702058976/>

- Pusat Perlindungan Varietas Tanaman dan Perizinan Pertanian (PPVTTPP). 2024. *Berita Resmi: Pendaftaran Varietas Hasil Pemuliaan Triwulan III Tahun 2024*. Kementerian Pertanian Republik Indonesia. Diakses dari: <https://online.flippingbook.com/view/369013671/>
- Putra, A. F. R., Wardenaar, E., & Husni, H. 2018. Analisa Komponen Kimia Kayu Sengon (*Albizia falcataria* (L.) fosberg) Berdasarkan Posisi Ketinggian Batang. *Jurnal Hutan Lestari*. 6(1): 83-89.
- Rafeadah, R., & Rahim, S. 2007. Chemical and Physical Properties of Juvenile *Acacia* hybrid and *Azadirachta excelsa*. *Journal of the Institute of Wood Science*. 17(5): 290-294.
- Rahman, Z. A., Yaacob, W. Z. W., Rahim, S. A., Lihan, T., Idris, W. M. R., & Sani, W. N. F. 2013. Geotechnical Characterisation of Marine Clay as Potential Liner Material. *Sains Malaysiana*. 42(8): 1081-1089.
- Republik Indonesia. 2000. *Undang-Undang Nomor 29 Tahun 2000 tentang Perlindungan Varietas Tanaman*. Lembaran Negara RI Tahun 2000 Nomor 241. Jakarta: Sekretariat Negara.
- Rochmayanto, Y., Priatna, D., Salminah, M., Wibowo, A., Wiharjo, U., & Samsoedin, I. 2018. *Strategi dan Teknik Restorasi Ekosistem Hutan Rawa Air Tawar Marine Clay di Konsesi Restorasi Ekosistem PT. KEN Sumatera Selatan*. Bogor: Badan Penelitian dan Pengembangan Kehutanan.
- Sari, A. K., Alfian, R., Musiam, S., Prasdianto, P., & Renny, R. 2018. Penetapan Kadar Fenolik dan Flavonoid Total Ekstrak Metanol Kayu Kuning (*Arcangelisia flava* Merr) dengan Metode Spektrofotometri UV-Visibel. *Jurnal Insan Farmasi Indonesia*. 1(2): 210-217.
- Sharma, S. K., Shukla, S. R., & Sujatha, M. 2018. Physical and Mechanical Evaluation of 8-Years-Old *Acacia* hybrid (*Acacia mangium* × *A. auriculiformis*) Clones for Various end Uses. *Indonesian Journal of Forestry Research*. 5(2): 95-102.

- Sjöström, E., & Alén, R. 2013. *Analytical Methods in Wood Chemistry, Pulping, and Papermaking*. Berlin: Springer Science & Business Media.
- Soon, L. K., & Chiang, L. K. 2012. Influence of Different Extraction Solvents on Lipophilic Extractives of *Acacia* hybrid in Different Wood Portions. *Asian Journal Applied Sciences*. 5(2): 107-116.
- Sugesty, S., Kardiansyah, T., & Pratiwi, W. 2015. Potensi *Acacia crassicarpa* sebagai Bahan Baku Pulp Kertas untuk Hutan Tanaman Industri. *Jurnal Selulosa*. 5(1): 21-32.
- Sunarti, S., Na'iem, M., Hardiyanto, E. B., & Indrioko, S. 2013. Breeding Strategy of *Acacia* hybrid (*Acacia Mangium* × *A. Auriculiformis*) to Increase Forest Plantation Productivity in Indonesia. *Jurnal Manajemen Hutan Tropika*. 19(2): 128-137.
- Sunarti, S. 2018. The Role of Biodiversity in Forest Plant Breeding: A Case Study on the Development of New *Acacia* hybrid Varieties (*Acacia mangium* × *Acacia auriculiformis*). In *Prosiding Seminar Nasional Masyarakat Biodiversitas Indonesia*. 4(1): 28-34.
- Sunarti, S. 2020. Perbanyakan Akasia Hibrida (*Acacia mangium* × *Acacia auriculiformis*) Melalui Subkultur Berulang. *Jurnal Bioteknologi dan Biosains Indonesia*. 7(1): 72-85.
- Supriyati, W., Alpian, A., & Yanciluk, Y. 2024. Penyusutan dan Dimensi Serat Kayu Tumeh (*Combretocarpus rotundatus* Dans.) pada Letak Radial. *Daun: Jurnal Ilmiah Pertanian dan Kehutanan*. 11(1): 21-29.
- Syafii, W., & Siregar, I. Z. 2006. Sifat Kimia dan Dimensi Serat Kayu Mangium (*Acacia mangium* Willd.) dari Tiga Provenans. *Jurnal Ilmu dan Teknologi Kayu Tropis*. 4(1): 28-32.
- Tham, M. W., & Liew, K. C. 2012. Optimization of Extraction Conditions with Respect to Temperature and Methanol Solvent for Sapwood, Heartwood and Bark Extract of *Acacia auriculiformis*. *Journal of the Indian Academy of Wood Science*. 9(2): 101-104.

- Uar, N. I., & Tuharea, M. S. 2015. Pengaruh Sifat Fisis Kayu Jabon (*Antochepalus cadamba*). *Agrikan: Jurnal Agribisnis Perikanan*. 8(2): 46-52.
- Valente, C. A., Sousa, A. D., Furtado, F. P., & Carvalho, A. D. 1992. Improvement Program for *Eucalyptus globulus* at Portucel: Technological Component. *Appita*. 45(6): 403-407.
- Yahya, R., Sugiyama, J., Silsia, D., & Gril, J. 2010. Some Anatomical Features of an *Acacia* hybrid, *A. mangium* and *A. auriculiformis* Grown in Indonesia with Regard to Pulp Yield and Paper Strength. *Journal of Tropical Forest Science*. 22(3): 343-351.
- Yunianti, A. D. 2012. Porositas Kayu Jati Klon Cepu dan Madiun Umur 7 Tahun. *Jurnal Perennial*. 8(2): 80-83.
- Zohra, F., Sunarti, S., & Listyanto, T. 2021. Ketahanan Alami Kayu Hibrid Akasia (*Acacia mangium* × *A. auriculiformis*) terhadap Serangan Rayap Kayu Kering (*Cryptotermes cynocephalus* Light.). *Jurnal Penelitian Sosial dan Ekonomi Kehutanan*. 15(2): 57-66.