

DAFTAR PUSTAKA

- [1] “Indonesia.go.id - Wangi Cuan Emas Hijau Indonesia,” *Indonesia.go.id*, 2024. <https://indonesia.go.id/kategori/editorial/8632/wangi-cuan-emas-hijau-indonesia> (Accessed Jan. 28, 2025).
- [2] Fadhlan Muchlas Abrori, “Studi Etnobiologi Tumbuhan Penghasil Gaharu Suku Thymelaeaceae Di Daerah Tarakan,” *Jurnal Borneo Saintek*, vol. 1, no. 2, pp. 58–65, Apr. 2018, doi: https://doi.org/10.35334/borneo_saintek.v1i2.912.
- [3] Ursula Nova Yanti *et al.*, “Pemanfaatan Daun Gaharu Sebagai Pengobatan Secara Alami Penyakit Kanker Dan Hipertensi,” *Jurnal Pengabdian Masyarakat Khatulistiwa*, vol. 3, no. 2, pp. 88–93, Nov. 2020, doi: <https://doi.org/10.31932/jpmk.v3i2.885>.
- [4] “Prospek Ekonomi Gaharu,” *Departemen Silvikultur Fakultas Kehutanan UGM*, Oct. 23, 2016. <https://silvikultur.fkt.ugm.ac.id/2016/10/13/prospek-ekonomi-gaharu/> (Accessed Jan. 29, 2025)
- [5] M. A. Haqmi Abas, “Agarwood Oil Quality Classification using Support Vector Classifier and Grid Search Cross Validation Hyperparameter Tuning,” *International Journal of Emerging Trends in Engineering Research*, vol. 8, no. 6, pp. 2551–2556, Jun. 2020, doi: <https://doi.org/10.30534/ijeter/2020/55862020>.
- [6] A. Fitri, “Analisis Komponen Kimia Minyak Atsiri Gaharu dari Spesies *Aquilaria malaccensis* Menggunakan GC-MS,” Repository UIN Jakarta, 2018. <https://repository.uinjkt.ac.id/dspace/bitstream/123456789/64485/1/A%20Fitri-FIKES.pdf>. (Accessed Jan. 29, 2025)

- [7] Rendra Soekarta, M. Yusuf, Muh. Fadli Hasa, and Nurul Annisa Basri, "Implementasi Deep Learning Untuk Deteksi Jenis Obat Menggunakan Algoritma Cnn Berbasis Website," *JIKA (Jurnal Informatika)*, vol. 7, no. 4, pp. 455–455, Nov. 2023, doi: <https://doi.org/10.31000/jika.v7i4.9751>.
- [8] Noratikah Zawani Mahabob, Zakiah Mohd Yusoff, F. Mohd, N. Ismail, and Mohd Nasir Taib, "A Novel Application Of Artificial Neural Network For Classifying Agarwood Essential Oil Quality," *International Journal of Power Electronics and Drive Systems/International Journal of Electrical and Computer Engineering*, vol. 12, no. 6, pp. 6645–6645, Dec. 2022, doi: <https://doi.org/10.11591/ijece.v12i6.pp6645-6652>
- [9] Mohd, H. Mohd, Zakiah Mohd Yusoff, N. Ismail, and Mohd Nasir Taib, "The Significance Of Artificial Intelligent Technique In Classifying Various Grades Of Agarwood Oil," *Indonesian Journal of Electrical Engineering and Computer Science*, vol. 29, no. 1, p. 261, Jan. 2022, doi: <https://doi.org/10.11591/ijeecs.v29.i1.pp261-269>.
- [10] H. Mohd, Anis, Zakiah Mohd Yusoff, N. Ismail, and Mohd Nasir Taib, "Accurate Agarwood Oil Quality Determination: A Breakthrough with Artificial Neural Networks and the Levenberg-Marquardt Algorithm," *IEEE Access*, vol. 12, pp. 50389–50403, Jan. 2024, doi: <https://doi.org/10.1109/access.2024.3381627>.
- [11] Noratikah Zawani Mahabob, Zakiah Mohd Yusoff, N. Ismail, and Mohd Nasir Taib, "Improving The Quality Of Agarwood Oil By Using The Intelligent Of Multilayer Perceptron (Mlp) Network Training Algorithms," *AIP conference proceedings*, vol. 2811, pp. 090015–090015, Jan. 2023, doi: <https://doi.org/10.1063/5.0115568>.
- [12] M. A. A. Bin Mohd Raif, N. Ismail, N. A. Mohd Ali, M. H. Fazalul Rahiman, S. Nizam Tajuddin, and M. Nasir Taib, "Quadratic Tuned Kernel Parameter In Non-Linear Support Vector Machine (SVM) For Agarwood Oil Compounds Quality Classification," *Indonesian Journal of Electrical*

Engineering and Computer Science, vol. 17, no. 3, p. 1371, Mar. 2020, doi: <https://doi.org/10.11591/ijeecs.v17.i3.pp1371-1376>.

- [13] N. Ismail, Shilton, Zakiah Mohd Yusoff, Mohd, Saiful Nizam Tajuddin, and Mohd Nasib Taib, "Decision Tree on Branch Node Observations for Significant Compounds of Agarwood Oil Different Grades," *Journal of Tomography System and Sensor Application*, vol. 6, no. 1, pp. 43–51, 2023, Accessed: Feb. 01, 2025. [Online]. Available: <http://tssa.my/index.php/jtssa/article/view/207>
- [14] Hesti Dwi Setyaningrum and Cahyo Saparinto, *PANDUAN LENGKAP GAHARU*. Penebar Swadaya Grup.
- [15] J. Balfas, "KANDUNGAN RESIN PADA KAYU GAHARU TANAMAN," *Jurnal Penelitian Hasil Hutan*, vol. 27, no. 3, pp. 235–244, Sep. 2009, doi: <https://doi.org/10.20886/jphh.2009.27.3.235-244>.
- [16] R. Mohamed and S. Y. Lee, "Keeping Up Appearances: Agarwood Grades and Quality," *Tropical Forestry*, pp. 149–167, 2016, doi: https://doi.org/10.1007/978-981-10-0833-7_10.
- [17] Shehan Rifky *et al.*, *Artificial Intelligence : Teori dan Penerapan AI di Berbagai Bidang*. PT. Sonpedia Publishing Indonesia, 2024.
- [18] S. Arnita *et al.*, *Computer Vision Dan Pengolahan Citra Digital*. Pt. Pustaka Aksara, 2024.
- [19] M. Tan, Q. V. Le, "EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks," 2019.
- [20] P. B. Pant, R. Kharel, and R. Rawal, "Performance evaluation metrics for classification models in machine learning," *in Proc. 2020 Int. Conf. on Artificial Intelligence, Big Data, Computing and Data Communication Systems (icABCD)*, 2020, pp. 1–6.
- [21] A. Treuille, T. Killeen, and A. Gilligan, "Streamlit: A fast and simple way

to build custom ML tools,” *Streamlit Inc.*, 2019. [Online]. Available: <https://streamlit.io>

- [22] H. Li, P. Chaudhari, H. Yang, M. Lam, A. Ravichandran, R. Bhotika, dan S. Soatto, “Rethinking the Hyperparameters for Fine-Tuning,” *Proc. ICLR*, 2020.
- [23] F. D. Davis, “Perceived Usefulness, Perceived Ease of Use, and User Acceptance of Information Technology,” *MIS Quarterly*, vol. 13, no. 3, pp. 319–340, 1989.
- [24] International Organization for Standardization, *Ergonomics of human-system interaction — Part 11: Usability: Definitions and concepts (ISO 9241-11:2018)*, Geneva, Switzerland: ISO, 2018.
- [25] J. Nielsen, *Usability Engineering*, San Francisco, CA: Morgan Kaufmann, 1994.
- [26] Y. Rogers, H. Sharp, and J. Preece, *Interaction Design: Beyond Human-Computer Interaction*, 3rd ed., Chichester, UK: Wiley, 2011.