

DAFTAR PUSTAKA

- Aminah, A., & Danu, N. S. Dharmawati. (2012). *Kranji (Pongamia pinnata Merrill) Sumber Energi Terbarukan*. Balai Penelitian Teknologi Perbenihan Tanaman Hutan.
- Aminah, A., Cahyaningsih, R., Putri, A. I., Cahyono, D. D. N., Danu, Djam'An, D., Irmayanti, L., Wibisono, H. S., Syamsuwida, D., Suita, E., Nuroniah, H. S., Siregar, N., Lukman, A. H., Hendrato, K. A., Utami, E. R. B., & Bahanan, F. (2024). Exploring malapari (*Pongamia pinnata* (L.) Pierre) from the Eastern part of Indonesia. *IOP Conference Series: Earth and Environmental Science*, 1379(1), 3–11. <https://doi.org/10.1088/1755-1315/1379/1/012036>
- Aminah, A., Supriyanto, Siregar, I. Z., & Suryani, A. (2017). *Kandungan Minyak Malapari (Pongamia pinnata (L.) Pierre) dari Pulau Jawa Sebagai Sumber Bahan Baku Biodiesel*. 6, 1–8.
- Aminah, A., & Syamsuwida, D. (2013). PENENTUAN KARAKTERISTIK FISILOGIS BENIH KRANJI (BERDASARKAN NILAI KADAR AIR *Pongamia pinnata*). *Jurnal Penelitian Hutan Tanaman*, 10(1), 1–6. <https://doi.org/10.20886/jpht.2013.10.1.1-6>
- Anderson, D., Hossain, A., & Shahidi, F. (2020). A Primer on Oils Processing Technology. *Bailey's Industrial Oil and Fat Products*, 1–47. <https://doi.org/10.1002/047167849x.bio077.pub2>
- Arlene, A., & Ariono, D. (2013). Pengaruh Ukuran Biji Dan Metode PraperlakuanPanas Terhadap Ekstraksi Mekanik Minyak Kemiri. *Jurnal Teknik Kimia Indonesia*, 11(6), 275–282.
- Arlene, A., Suharto, I., Jessica, dan N., & Teknik Kimia, J. (2010). Pengaruh Temperatur dan Ukuran Biji Terhadap Perolehan Minyak Kemiri pada Ekstraksi Biji Kemiri dengan Penekanan Mekanis. *Pengembangan Teknologi Kimia Untuk Pengolahan Sumber Daya Alam Indonesia*, 1–6.
- Aziz, A. A. (2024). *Pengaruh Suhu dan Metode Ekstraksi TERhadap Rendemen dan Kualitas Minyak Kepuh (Sterculia foetida)*.

- Bhuiya, M. M. K., Rasul, M., Khan, M., Ashwath, N., & Rahman, M. (2020). Comparison of oil extraction between screw press and solvent (n-hexane) extraction technique from beauty leaf (*Calophyllum inophyllum* L.) feedstock. *Industrial Crops and Products*, 144(May 2019), 112024. <https://doi.org/10.1016/j.indcrop.2019.112024>
- Borges, M. E., & Díaz, L. (2012). Recent developments on heterogeneous catalysts for biodiesel production by oil esterification and transesterification reactions: A review. *Renewable and Sustainable Energy Reviews*, 16(5), 2839–2849. <https://doi.org/10.1016/j.rser.2012.01.071>
- Budiana, I. G. M. N. (2023). *Pembuatan Biodiesel Berbahan Dasar Minyak Biji Malapari (*Pongamia pinnata* L) Asal Pulau Lembata Asal NTT Menggunakan Katalis NaOH*. 23, 24–28.
- Dewantara, D. P. (2024). Pengaruh Suhu dan Waktu Pada Proses Pre-Treatment Ekstraksi terhadap Kualitas Minyak Malapari (*Pongamia pinnata*) Untuk Pembuatan Biodiesel. In *Universitas Gadjah Mada* (Vol. 15, Issue 1).
- Dewi, L. S., Masrullita, M., Azhari, A., Dewi, R., & Hakim, L. (2022). Karakteristik Minyak Dari Biji Alpukat (*Persea Americana* Mill) Menggunakan Metode Ekstraksi Dengan Pelarut N-Heksana. *Chemical Engineering Journal Storage (CEJS)*, 2(4), 37. <https://doi.org/10.29103/cejs.v2i4.7469>
- Dimawarnita, F., Arfiana, A. N., Mursidah, S., Maghfiroh, S. R., & Suryadarma, P. (2021). Produksi Biodiesel Berbasis Minyak Nabati Menggunakan Aspen Hysys. *Jurnal Teknologi Industri Pertanian*, 31(1), 98–109. <https://doi.org/10.24961/j.tek.ind.pert.2021.31.1.98>
- Djenar, N. ., & Lintang, N. (2012). *Esterifikasi Minyak Kemiri Sunan (*Aleurites trisperma*) Dalam Pembuatan Biodiesel*. 14(3), 215–221.
- Emebu, S., Osaikhuiwuomwan, O., Mankonen, A., Udoye, C., Okieimen, C., & Janáčová, D. (2022). Influence of moisture content , temperature , and time on free fatty acid in stored crude palm oil. *Scientific Reports*, 1–11. <https://doi.org/10.1038/s41598-022-13998-1>
- Handajani, S., Manuhara, G. J., Baskara, R., & Anandito, K. (2010). Pengaruh suhu ekstraksi terhadap karakteristik fisik, kimia, dan sensoris minyak wijen

- (*Sesamum indicicum* L). *Agritech*, 30(2), 116–122.
- Jayusman, & Pudjiono, S. (2019). Variasi rendemen minyak mentah malapari (*Pongamia pinnata* L) berdasarkan provenans. *Prosiding Isu-Isu Strategis Sains, Lingkungan Dan Inovasi Pembelajarannya*, 4, 142–147. <http://hdl.handle.net/11617/11305>
- Karmee, S. K., & Chadha, A. (2005). Preparation of biodiesel from crude oil of *Pongamia pinnata*. *Bioresource Technology*, 96(13), 1425–1429. <https://doi.org/10.1016/j.biortech.2004.12.011>
- Khayoon, M. S., Olutoye, M. A., & Hameed, B. H. (2012). Utilization of crude karanj (*Pongamia pinnata*) oil as a potential feedstock for the synthesis of fatty acid methyl esters. *Bioresource Technology*, 111, 175–179. <https://doi.org/10.1016/j.biortech.2012.01.177>
- Krisnawati, Leksono, B., Adinugraha, H. A., Hasnah, T. M., & Baral, H. (2024). Variation among family of *Pongamia pinnata* (L.) Pierre for oil content and seedling growth. *IOP Conference Series: Earth and Environmental Science*, 1315(1). <https://doi.org/10.1088/1755-1315/1315/1/012066>
- Kuntaarsa, A., Achmad, Z., & Subagyo, P. (2021). *Ekstraksi Biji Ketumbar Dengan Mempergunakan Pelarut n-Heksana*. 14(1), 60–73.
- Matthäus, B. (2007). Oil Technology. *Advances in Botanical Research*, 45(07), 483–527. [https://doi.org/10.1016/S0065-2296\(07\)45018-2](https://doi.org/10.1016/S0065-2296(07)45018-2)
- Melatira, E. P. D. F. B. A. D. A. (2023). Perbandingan Skrining Fitokimia Ekstrak Etanol Rimpang Bangle (*Zingiber purpureum*) Metode Maserasi dan Refluks Edhita Putri Daryanti 1a*; Faizah Bunga Alfiah 2a; Desrika Ayunda Melatiara 3a. *Borneo Journal of Pharmascientech*, 07(02), 52–58. <https://jurnalstikesborneolestari.ac.id/index.php/borneo/article/view/479>
- Mulyani, H., & Sujarwanta, A. (2018). *Lemak dan Minyak*. Lembaga Penelitian UM Metro. <https://doi.org/10.1088/1751-8113/44/8/085201>
- Naik, M., Meher, L. C., Naik, S. N., & Das, L. M. (2008). Production of biodiesel from high free fatty acid Karanja (*Pongamia pinnata*) oil. *Biomass and Bioenergy*, 32(4), 354–357. <https://doi.org/10.1016/j.biombioe.2007.10.006>
- Nasional, B. S. (2015). *SNI 4431-2015: Mutu dan Metode Uji Minyak Nabati Murni*

Untuk Bahan Bakar Motor Diesel Putaran Sedang.

- Novella, R., & Purwanti, A. (2019). Pengambilan Minyak Nabati Dari Biji Alpukat (*Persea Americana* Mill) Dengan Pelarut N-Heksana. *Jurnal Inovasi Proses*, 4(2), 75–80.
- Pradhan, R. C., Mishra, S., Naik, S. N., Bhatnagar, N., & Vijay, V. K. (2011). Oil expression from *Jatropha* seeds using a screw press expeller. *Biosystems Engineering*, 109(2), 158–166. <https://doi.org/10.1016/j.biosystemseng.2011.02.012>
- Pradhana, M. A. (2020). Analisis Perubahan Sikap Uni Eropa Terhadap Impor Minyak Kelapa Sawit Indonesia. *Journal of International Relations*, 6(4), 525–534.
- Resul, G., Mukhtar, M. F., Ghazi, M., Idaty, T., Muhammad Syam, A., & Idris, A. (2008). SYNTHESIS OF BIODEGRADABLE LUBRICANT FROM JATROPHA OIL WITH HIGH CONTENT OF FREE FATTY ACIDS. *Am. Inst. Chem. Eng., 2008 Annual Meeting*, 1–7.
- Santos, O. V., Corrêa, N. C. F., Soares, F. A. S. M., Gioielli, L. A., Costa, C. E. F., & Lannes, S. C. S. (2012). Chemical evaluation and thermal behavior of Brazil nut oil obtained by different extraction processes. *Food Research International*, 47(2), 253–258. <https://doi.org/10.1016/j.foodres.2011.06.038>
- Suita, E., & Syamsuwida, D. (2016). Pengaruh Pengeringan terhadap Viabilitas Benih Malapari (*Pongamia pinnata* Merril). *Jurnal Perbenihan Tanaman Hutan*, 4, 9–16.
- Sulhatun, S., Mutiawati, M., & Kurniawan, E. (2020). Pengaruh Temperatur Dan Waktu Pemasakan Terhadap Perolehan Minyak Kemiri Dengan Menggunakan Cara Basah. *Jurnal Teknologi Kimia Unimal*, 9(2), 54. <https://doi.org/10.29103/jtku.v9i2.4400>
- Sunaryo, I. (2019). Penentuan Kerapatan Dan Bobot Jenis. *Jurnal MIPA UNHAS (Penentuan Kerapatan Dan BobotJenis*, 1(3), 1–7. https://www.academia.edu/7015446/PENENTUAN_KERAPATAN_DAN_BOBOT_JENIS_OLEH_IMELDA_SUNARYO_FAKULTAS_MATEMATIKA_DAN_ILMU_PENGEAHUAN_ALAM

- Sutan, S. M., Hendrawan, Y., & Tiptani, D. A. (2018). Kajian Pemanasan Pada Proses Ekstraksi Minyak Jarak The Analysis of Heating Process During Extraction of *Jatropha Curcas* Oil ((*Jatropha Curcas* L .) Using Hydraulic Press. *Jurnal Keteknikan Pertanian Tropis Dan Biosistem*, 6(1), 63–71.
- Triyono, Trisunaryanti, W., Aksanti, S. I., & Purbonegoro, J. (2024). High performance of a base catalyst from Moringa leaves ash for biodiesel conversion of low-grade Bali Malapari oil. *Reaction Kinetics, Mechanisms and Catalysis*, 137(4), 2037–2063. <https://doi.org/10.1007/s11144-024-02637-7>
- Usharani, K. V. (2019). *Pongamia pinnata* (L.): Composition and advantages in agriculture: A review KV Usharani, Dhananjay Naik and RL Manjunatha. ~ 2181 ~ *Journal of Pharmacognosy and Phytochemistry*, 8(3), 2181–2187.
- Wolayan, F. R., Hadju, R., & Imbar, M. R. (2022). Fenny r. wolayan rahmawaty hadju meity r. imbar. *Jurnal Informatika*, 3(2), 5.
- Zhang, Y., Chen, Y., Liu, C., Chen, F., & Yin, L. (2023). Effects of Roasting Temperatures on Peanut Oil and Protein Yield Extracted via Aqueous Enzymatic Extraction and Stability of the Oil Body Emulsion. *Foods*, 12(22). <https://doi.org/10.3390/foods12224183>