

## DAFTAR PUSTAKA

- Alaribe, F. N., & Motaung, K. S. C. M. (2019). Medicinal Plants in Tissue Engineering and Regenerative Medicine in the African Continent. *Tissue Engineering - Part A*, 25(11–12), 827–829. <https://doi.org/10.1089/ten.tea.2019.0060>
- Alchera, F., Ginepro, M., & Giacalone, G. (2024). Microwave-assisted extraction (MAE) of bioactive compounds from blueberry by-products using a sugar-based NADES: A novelty in green chemistry. *Lwt*, 192(September 2023), 115642. <https://doi.org/10.1016/j.lwt.2023.115642>
- Ali, M. C., Chen, J., Zhang, H., Li, Z., Zhao, L., & Qiu, H. (2019). Effective extraction of flavonoids from *Lycium barbarum* L. fruits by deep eutectic solvents-based ultrasound-assisted extraction. *Talanta*, 203, 16–22. <https://doi.org/10.1016/j.talanta.2019.05.012>
- Anam, S., Yusran, M., Trisakti, A., Ibrahim, N., Khumaidi, A., & Sulaiman Zubair, M. (2013). Standarisasi Ekstrak Etil Asetat Kayu Sanrego (*Lunasia amara Blanco*). *Online Jurnal of Natural Science*, 2(3), 1–8. <http://jurnal.untad.ac.id/jurnal/index.php/ejurnalfmipa/article/download/1861/1178>
- Ayaz, M., Ullah, F., Sadiq, A., Ullah, F., Ovais, M., Ahmed, J., & Devkota, H. P. (2019). Synergistic interactions of phytochemicals with antimicrobial agents: Potential strategy to counteract drug resistance. *Chemico-Biological Interactions*, 308(May), 294–303. <https://doi.org/10.1016/j.cbi.2019.05.050>
- Balouiri, M., Sadiki, M., & Ibsouda, S. K. (2016). Methods for in vitro evaluating antimicrobial activity: A review. *Journal of Pharmaceutical Analysis*, 6(2), 71–79. <https://doi.org/10.1016/j.jpha.2015.11.005>
- Bintari, Y. R., Haryadi, W., & Rahardjo, T. J. (2018). Ekstraksi Lipida dengan Metode Microwave Assisted Extraction dari Mikroalga yanAbdi, H., & Williams, L. J. (2010). Principal component analysis. *Wiley Interdisciplinary Reviews: Computational Statistics*, 2(4), 433–459. <https://doi.org/10.1002/wics.101>
- Alaribe, F. N., & Motaung, K. S. C. M. (2019). Medicinal Plants in Tissue Engineering and Regenerative Medicine in the African Continent. *Tissue Engineering - Part A*, 25(11–12), 827–829. <https://doi.org/10.1089/ten.tea.2019.0060>
- Arina, Y., Shiyan, S., & Suprayetno, S. (2022). ANALISIS KEMOMETRIK EKSTRAK AKAR TUNJUK LANGIT (*Helminthostachys zeylanica* (L) ) MELALUI ANALISIS FOURIER TRANSFORMED INFRARED DARI BERBAGAI DAERAH SUMATERA SELATAN. *Jurnal 'Aisyiyah Medika*, 7(1), 243–258. <https://doi.org/10.36729/jam.v7i1.790>
- Aryani, Y. (2020). Sistem Informasi Penjualan Barang Dengan Metode Regresi Linear Berganda Dalam Prediksi Pendapatan Perusahaan. *Jurnal Riset Sistem Informasi Dan Teknologi Informasi (JURSISTEKNI)*, 2(2), 39–51. <https://doi.org/10.52005/jursistekni.v2i2.47>
- Ayaz, M., Ullah, F., Sadiq, A., Ullah, F., Ovais, M., Ahmed, J., & Devkota, H. P. (2019). Synergistic interactions of phytochemicals with antimicrobial agents: Potential strategy to counteract drug resistance. *Chemico-Biological Interactions*, 308(May), 294–303. <https://doi.org/10.1016/j.cbi.2019.05.050>
- ECDC. (2022). *Antimicrobial resistance in the EU/EEA (EARS-Net) - Annual Epidemiological Report for 2020*. Stockholm: ECDC. July, 2016–2019. <https://www.ecdc.europa.eu/sites/default/files/documents/AER-EARS-Net-2020.pdf>
- Fitriani, Sari, P. P., Haresmita, P. P., & Agusta, H. F. (2023). Qualitative Analysis of Drug in Rheumatic Jamu Samples Using Thin Layer Chromatography. *Medical Ilmiah Kefarmasian*, 8(3), 999–1008. <https://doi.org/10.37874/ms.v8i3.862>
- K., & Boutin, A. (2017). Antibiotic resistance. *Journal of Infection and Public Health*, 10, 369–378. <https://doi.org/10.1016/j.jiph.2016.08.007>
- (2020). Identifikasi Senyawa Bahan Aktif Alkaloid Pada Tanaman Lahuna odoratum). *Jurnal Dinamika*, 04(2), 1–18.



- Haryani, H. W., Hidayat, N., & Rahmah, N. L. (2016). Pemurnian Eugenol dari Minyak Daun Cengkeh dengan Reaktan Asam Monoprotik. Kajian Jenis dan Konsentrasi Asam - Eugenol Purification from Clove Leaf Oil with Monoprotic Acids Reactants. The Study of Type and Concentration of The Acid Reactants. *Jurnal Industrial*, 3(2), 83–92.  
<https://industria.ub.ac.id/index.php/industri/article/view/160>
- Hasnaeni, H., & Aminah, A. (2019). Uji Aktivitas Antioksidan dan Profil Fitokimia Ekstrak Kayu Beta-beta (Lunasia amara Blanco.). *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy) (e-Journal)*, 5(1), 101–107.  
<https://doi.org/10.22487/j24428744.2019.v5.i1.12404>
- Hasnaeni, Sudarsono, Nurrochmad, A., & Widyarini, S. (2017). Identification of active anti-inflammatory principles of beta-beta wood (Lunasia amara Blanco) from Siawung Barru-South Sulawesi, Indonesia. *Tropical Journal of Pharmaceutical Research*, 16(1), 161–164.  
<https://doi.org/10.4314/tjpr.v16i1.21>
- Jamil, M., Aleem, M. T., Shaukat, A., Khan, A., Mohsin, M., Rehman, T., Abbas, R. Z., Saleemi, M. K., Khatoon, A., & Babar, W. (2022). *Life-12-00449.Pdf*. 1–13.
- Jolliffe, I. T., & Cadima, J. (2016). Principal component analysis: A review and recent developments. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 374(2065). <https://doi.org/10.1098/rsta.2015.0202>
- Kesuma, N. K. Y., Widarta, I. W. R., & Permana, I. D. G. M. (2018). PENGARUH JENIS ASAM DAN pH PELARUT TERHADAP KARAKTERISTIK PEKTIN DARI KULIT LEMON (*Citrus limon*). *Jurnal Ilmu Dan Teknologi Pangan (ITEPA)*, 7(4), 192.  
<https://doi.org/10.24843/itepa.2018.v07.i04.p06>
- Kurniawan, E., Dyah Jekti, D. S., & Zulkifli, L. (2019). AKTIVITAS ANTIBAKTERI EKSTRAK METANOL BATANG BIDARA LAUT (*Strychnos ligustrina*) TERHADAP BAKTERI PATOGEN. *Jurnal Biologi Tropis*, 19(1), 61–69. <https://doi.org/10.29303/jbt.v19i1.1040>
- Mariani, Y., Yusro, F., & Wardenaar, E. (2020). Aktivitas Ekstrak Metanol Daun Ulin (*Eusideroxylon Zwageri Teijsm & Binn*) Terhadap Empat Jenis Bakteri Patogen. *Jurnal Biologi Tropis*, 20(1), 94–101. <https://doi.org/10.29303/jbt.v20i1.1642>
- Pertiwi K. M., Wulandari, K. K., Rodja, H. A., Urjiyah, U. G., Fibriani, E., & Putri, F. A. (2021). Teknik Diagnostik Konvensional Dan Lanjutan Untuk Infeksi Bakteri Dan Resistensi Antibakteri Di Indonesia. *Jurnal Widya Biologi*, 12(02), 98–116.  
<https://doi.org/10.32795/widyabiologi.v12i02.2143>
- Prihatiningtyas, W., Mariani Y., Oramahi, H. A., Yusro, F., dan Sisillia, L. (2018). The Antibacterial Activity Essay of Ethanol Extract Kweni Mango Bark (*Mangifera odorata Griff*) Againts *Escherichia coli* ATCC 25922 and *Staphylococcus aureus* ATCC 25923. *Jurnal Tengkawang*, 8(2), 59–74.
- Primawati, S. N. D. S. L. Z. (2013). *Profil Kualitatif Komponen Ekstrak* ..... 13(2), 139–145.
- Putranto, A. W., Dewi, S. R., Izza, N., Yuneri, D. R., Dachi, M. Y. S., & Sumarlan, S. H. (2018). Ekstraksi Senyawa Fenolik Daun Kenikir (*Cosmos caudatus*) menggunakan Microwave Assisted Extraction (MAE). *Rona Teknik Pertanian*, 11(1), 59–70.  
<https://doi.org/10.17969/rtp.v11i1.9580>
- Savitri, A., & Megantara, S. (2019). Metode KLT-Densitometri Sebagai Penetapan Kadar Bahan Aktif Sediaan Farmasi. *Farmaka*, 17, 455–463.
- Sampulay, I. nidas, D., & Sanggala, E. (2023). Analisis Faktor Pengendalian Kualitas Teh Pt. Abc Dengan Menggunakan Metode Principal Component Analysis (PCA). *Al-Mandalika*, 4(3), 1161–1172.
- A. C., & Surhaini. (2021). PENGARUH KONSENTRASI ASAM SITRAT PEWARNA ALAMI BUNGA KEMBANG SEPATU [The effect of citric acid on the natural colorant of hibiscus flower]. *J. Sains Dan Teknologi Pangan*, 816.



- Takahashi, N., Subehan, Kadota, S., & Tezuka, Y. (2012). Mechanism-based CYP2D6 inactivation by acridone alkaloids of Indonesian medicinal plant Lunasia amara. *Fitoterapia*, 83(4), 774–779. <https://doi.org/10.1016/j.fitote.2012.03.011>
- Yang, X., Liang, Q., Chen, Y., & Wang, B. (2019). Alteration of Methanogenic Archaeon by Ethanol Contribute to the Enhancement of Biogenic Methane Production of Lignite. *Frontiers in Microbiology*, 10(October), 1–13. <https://doi.org/10.3389/fmicb.2019.02323>
- Yingngam, B., Chiangsom, A., & Brantner, A. (2020). Modeling and optimization of microwave-assisted extraction of pentacyclic triterpenes from Centella asiatica leaves using response surface methodology. *Industrial Crops and Products*, 147(October 2019), 112231. <https://doi.org/10.1016/j.indcrop.2020.112231>
- Zubair, M. S., Anam, S., & Lallo, S. (2016). Cytotoxic activity and phytochemical standardization of Lunasia amara Blanco wood extract. *Asian Pacific Journal of Tropical Biomedicine*, 6(11), 962–966. <https://doi.org/10.1016/j.apjtb.2016.04.014>
- g Potensial Sebagai Biodiesel. *Jurnal Ketahanan Pangan*, 2(2), 1–10. <https://media.neliti.com/media/publications/269681-ekstraksi-lipida-dengan-metode-microwave-92792ca8.pdf>



Optimized using  
trial version  
[www.balesio.com](http://www.balesio.com)