

DAFTAR PUSTAKA

- Abubakar, A. R., & Haque, M. (2020). Preparation of medicinal plants: Basic extraction and fractionation procedures for experimental purposes. In *Journal of Pharmacy and Bioallied Sciences* (Vol. 12, Issue 1, pp. 1–10). Wolters Kluwer Medknow Publications. https://doi.org/10.4103/jpbs.JPBS_175_19
- Ade Alfarez, D., & Rizky Ramadhan, M. (2023). Anova dan Tukey HSD Perbandingan Produksi Padi Antara Tiga Kabupaten di Provinsi Jambi Anova and Tukey HSD Comparison of Rice Production Between Three Regencies in Jambi Province. *Jurnal Statistika Universitas Jambi*, 2(1), 23–31. <https://doi.org/10.22437/multiproximity.v2i1.25908>
- Aderiyanti, R. (2022). *Studi Perbandingan Metode Pengukuran Antioksidan, Skripsi*. Fakultas Tarbiyah dan Keguruan. Universitas Islam Negeri Raden Intan Lampung.
- Ahmad, A. R., & Malik, Abd. (2023). Antioxidant Activity of Passiflora edulis (Passion fruit) Seed Extracts Obtained from Maceration and Ultrasonic Assisted Extraction Method. *FITOFARMAKA: JURNAL ILMIAH FARMASI*, 13(1), 77–81. <https://doi.org/10.33751/jf.v13i1.7303>
- Aminurita, A., Samodra, G., & Fitriana, A. S. (2024). Pengaruh Ketinggian Tempat Tumbuh Terhadap Kadar Flavonoid Total dan Uji Aktivitas Antioksidan Ekstrak Daun Mahoni (Swietenia Maghoni L.). *Pharmacy Genius*, 3, 108–115.
- Andriani, D., & Murtisiwi, L. (2020). Uji Aktivitas Antioksidan Ekstrak Etanol 70% Bunga Telang (Clitoria ternatea L) dari Daerah Sleman dengan Metode DPPH Antioxidant Activity Test of 70% Ethanol Extract of Telang Flower (Clitoria ternatea L) from Sleman Area with DPPH Method. In *Jurnal Farmasi Indonesia* (Vol. 1, Issue 1). <http://journals.ums.ac.id/index.php/pharmacon>
- Anwar, H., & Tri Lestari, A. (2022). Pengaruh Ketinggian Tempat Terhadap Rendemen, Bobot Jenis Dan Kandungan Minyak Daun Cengkeh Effect Of The Height Of The Place On Clove Yield, Weight Of Type And Leaf

- Oil. *Prosiding Seminar Nasional Mahasiswa Kehutanan Indonesia E, 1*(1), 104–110.
- Aprilia, K., & Purwanto, U. M. S. (2022). Antioxidant Activity of Telang (*Clitoria ternatea* L.) Extract in Inhibiting Lipid Peroxidation. *Current Biochemistry*, *9*(1), 26–37.
- Bella, P. O. (2021). *Analisis Kandungan Total Fenol Dan Aktivitas Antioksidan Ekstrak Bunga Telang (Clitoria ternatea) Dengan Teknik Ekstraksi Ultrasonik (Kajian Jenis Pelarut Dan Waktu Ekstraksi)*, Skripsi. Fakultas Teknologi Pertanian. Universitas Brawijaya.
- Bitwell, C., Indra, S. Sen, Luke, C., & Kakoma, M. K. (2023). A review of modern and conventional extraction techniques and their applications for extracting phytochemicals from plants. In *Scientific African* (Vol. 19). Elsevier B.V. <https://doi.org/10.1016/j.sciaf.2023.e01585>
- Cahyaningsih, E., Era Sandhi, P. K., & Santoso, P. (2019). Skrining Fitokimia Dan Uji Aktivitas Antioksidan Ekstrak Etanol Bunga Telang (*Clitoria ternatea* L.) Dengan Metode Spektrofotometri UV-VIS (Phytochemical Screening And Antioxidant Activity Of Telang Flower Extract (*Clitoria ternatea* L.) Using UV-VIS Spectrophotometry). *Ilmiah Medicamento*, *5*(1), 2356–4818.
- Dadi, M., & Yasir, M. (2022). Spectroscopy and Spectrophotometry: Principles and Applications for Colorimetric and Related Other Analysis. In *Colorimetry*. IntechOpen. <https://doi.org/10.5772/intechopen.101106>
- Daryanti, E. P., Alfiah, F. B., & Melatiara, D. A. (2023). Perbandingan Skrining Fitokimia Ekstrak Etanol Rimpang Bangle (*Zingiber purpureum*) Metode Maserasi dan Refluks. *Borneo Journal of Pharmascientech*, *07*(2), 52–58. <https://doi.org/10.51817/bjp.v7i1.479>
- Dewi, N. W. N. A. R. (2024). *Perbandingan Aktivitas Antioksidan Ekstrak Daun Telang (Clitoria ternatea L.) dengan Metode Ekstraksi Maserasi dan Ultrasonic Assisted Extraction (UAE)*, Skripsi.
- Faheem, A., Husain, T., Hasan, F., & Murtaza, Q. (2022). Effect of nanoparticles in cutting fluid for structural machining of Inconel 718.

- Advances in Materials and Processing Technologies*, 8(1), 259–276.
<https://doi.org/10.1080/2374068X.2020.1802563>
- Gede Wiranata, I., Malida, M., & Sasadara, V. (2022). Pengaruh Pelarut Dan Metode Ekstraksi Terhadap Kandungan Metabolit Sekunder Dan Nilai IC50 Ekstrak Umbi Bit (*Beta vulgaris L.*). *Jurnal Integrasi Obat Tradisional*, 2(1), 2963–2161. <https://usadha.unmas.ac.id>
- Gulcin, İ. (2020). Antioxidants and antioxidant methods: an updated overview. *Archives of Toxicology*, 94(3), 651–715. <https://doi.org/10.1007/s00204-020-02689-3>
- Hawari, H., Pujiasmanto, B., & Triharyanto, E. (2022). Morfologi dan kandungan flavonoid total bunga telang (*Clitoria Ternatea L.*) di berbagai ketinggian. *Kultivasi*, 21(1). <https://doi.org/10.24198/kultivasi.v21i1.36327>
- Helpa, U. A., & Marcelia, S. (2024). Uji Aktivitas Kombinasi Ekstrak Etanol Daun Kemangi (*Ocimum x africanum Lour.*) Dan Pandan Wangi (*Pandanus amaryllifolius Roxb.*) Sebagai Antibakteri Pada *Salmonella typhi*. *Jurnal Ilmu Kedokteran Dan Kesehatan*, 11(1), 185. <http://ejournalmalahayati.ac.id/index.php/kesehatan>
- Ida, N., Tairah, & Aqila, N. A. (2023). Uji Aktivitas Antioksidan Dan Uji Mutu Fisik Teh Herbal Bunga Kembang Telang (*Clitoria ternatea L.*). *Pharmamedica Journal*, 8(2), 147–153.
- Indriya, A. D. (2024). *Optimasi Kadar Antosianin Ekstrak Air-HCL 1% Bunga Telang (Clitoria ternatea L.) Dengan Variasi Waktu Dan Amplitudo Menggunakan Metode Ekstraksi Ultrasonik, Skripsi*. Fakultas Kedokteran. Universitas Pembangunan Nasional “Veteran” Jakarta.
- Ju, F., Chen, L., Zheng, J., Chen, Z., Wang, X., & Xia, X. (2022). Elevation-Dependent Fluctuations of the Soil Properties in a Subtropical Forest of Central China. *Sustainability (Switzerland)*, 14(23). <https://doi.org/10.3390/su142315855>
- Kementerian Kesehatan Republik Indonesia. (2017). *Farmakope Herbal Indonesia Edisi II*. Kementrian Kesehatan RI.

- Khoo, H. E., Azlan, A., Tang, S. T., & Lim, S. M. (2017). Anthocyanidins and anthocyanins: Colored pigments as food, pharmaceutical ingredients, and the potential health benefits. *Food and Nutrition Research*, *61*. <https://doi.org/10.1080/16546628.2017.1361779>
- Kusuma, H. S., & Mahfud, M. (2015). Preliminary Study: Kinetics of Oil Extraction from Sandalwood by Microwave-assisted Hydrodistillation. *AJChE*, *15*(2), 62–69.
- Lianza, M., Marincich, L., & Antognoni, F. (2022). The Greening of Anthocyanins: Eco-Friendly Techniques for Their Recovery from Agri-Food By-Products. *Antioxidants*, *11*(11). <https://doi.org/10.3390/antiox11112169>
- Marpaung, A. M. (2020). Tinjauan manfaat bunga telang (*clitoria ternatea* L.) bagi kesehatan manusia. *Journal of Functional Food and Nutraceutical*, *1*(2), 63–85. <https://doi.org/10.33555/jffn.v1i2.30>
- Molyneux, P. (2004). The use of the stable radical Diphenylpicrylhydrazyl (DPPH) for estimating antioxidant activity. *Songklanakarinn Journal of Science and Technology*, *26*(2), 211–219. <https://www.researchgate.net/publication/237620105>
- Munteanu, I. G., & Apetrei, C. (2021). Analytical methods used in determining antioxidant activity: A review. In *International Journal of Molecular Sciences* (Vol. 22, Issue 7). MDPI AG. <https://doi.org/10.3390/ijms22073380>
- Nassour, R., Ayash, A., & Al-Tameemi, K. (2020). Anthocyanin pigments: Structure and biological importance. *Journal of Chemical and Pharmaceutical Sciences*. www.jchps.com
- Oguis, G. K., Gilding, E. K., Jackson, M. A., & Craik, D. J. (2019). Butterfly Pea (*Clitoria ternatea*), a Cyclotide-bearing Plant with Applications in Agriculture and Medicine. *Frontiers in Plant Science*, *10*. <https://doi.org/10.3389/fpls.2019.00645>

- Permana, R. A., & Ikasari, D. (2023). Uji Normalitas Data Menggunakan Metode Empirical Distribution Function Dengan Memanfaatkan Matlab Dan Minitab 19. *Seminar Nasional Riset Dan Inovasi Teknologi*, 7–12.
- Phrueksanan, W., Yibchok-Anun, S., & Adisakwattana, S. (2014). Protection of *Clitoria ternatea* flower petal extract against free radical-induced hemolysis and oxidative damage in canine erythrocytes. *Research in Veterinary Science*, 97(2), 357–363. <https://doi.org/10.1016/J.RVSC.2014.08.010>
- Pojić, M., & Tiwari, B. K. (2022). *Industrial Hemp: Food And Nutraceutical Applications*.
- Pratama, D. M., Yuliawati, K. M., & Kodir, R. A. (2015). Identifikasi Senyawa Antioksidan dalam Rumput Laut *Sargassum duplicatum* J.G. Agardh. dari Pantai Ujung Genteng. *Prosiding Penelitian SPeSIA Unisba*, 429–434.
- Purwaniati, P., Arif, A. R., & Yuliantini, A. (2020). Analisis Kadar Antosianin Total Pada Sediaan Bunga Telang (*Clitoria ternatea*) dengan Metode pH Diferensial Menggunakan Spektrofotometri Visible. *Jurnal Farmagazine*, 7(1), 18. <https://doi.org/10.47653/farm.v7i1.157>
- Pusparida, N. A., & Amalia, P. (2023). Perbandingan Metode Ekstraksi Terhadap Kadar Fenolik Total Dan Aktivitas Antioksidan Ekstrak Etil Asetat Daun Kersen (*Muntingia calabura L.*). *Jurnal Medika Malahayati*, 7(2).
- Rahmah, S., Ramdan, K., & Wulandari, R. (2023). Determination of Anthocyanin Levels in Telang Flower (*Clitoria Ternatae*) Using the Differential pH Method Based on Three Types of Solvents. *Jurnal Kesehatan*, 10(01), 45–53. <https://ojs.stikesmucis.ac.id/index.php/jurkes>
- Ramdan, S. R. K., & Alviansyah, A. (2024). Penetapan Kadar Antosianin Ekstrak Etanol Bunga Telang (*Clitoria ternatea*) dengan Metode Diferensial pH. *Pharmacy Genius*, 3, 1–6.
- Ramdhini, R. N. (2023). *Standarisasi Mutu Simplisia Dan Ekstrak Etanol Bunga Telang (Clitoria ternatea L.)*. 8.

- Rasul, M. G. (2018). Conventional Extraction Methods Use in Medicinal Plants, their Advantages and Disadvantages. *International Journal of Basic Sciences and Applied Computing*, 2(6), 10–14.
- Rifkia, V. (2020). Pengaruh Variasi Suhu dan Waktu terhadap Rendemen dan Kadar Total Flavonoid pada Ekstraksi Daun Moringa oleifera Lam. dengan Metode Ultrasonik The Effect of Temperature and Time of Extraction on the Yield and Total Flavonoid Content of Moringa oleifera Lam. by Ultrasonic Method. *Pharmaceutical Journal of Indonesia*, 17(02), 387–395.
- Rosalinda, S., Aulia, H. A., Widyasanti, A., & Mardawati, E. (2021). Optimasi Kondisi Ekstraksi Ultrasonikasi Pada Vitamin C Buah Delima (*Punica granatum L.*) Menggunakan Respon Permukaan. *Jurnal Ilmiah Rekayasa Pertanian Dan Biosistem*, 9(2), 143–158. <https://doi.org/10.29303/jrpb.v9i2.266>
- Rukhedi, & Aprillyana, N. (2024). *Statistik Daerah Kabupaten Blora* (Vol. 15). BPS Kabupaten Blora.
- Salacheep, S., Kasemsiri, P., Pongsa, U., Okhawilai, M., Chindaprasirt, P., & Hiziroglu, S. (2020). Optimization of ultrasound-assisted extraction of anthocyanins and bioactive compounds from butterfly pea petals using Taguchi method and Grey relational analysis. *Journal of Food Science and Technology*, 57(10), 3720–3730. <https://doi.org/10.1007/s13197-020-04404-7>
- Sari, Y., Syahrul, S., & Iriani, D. (2021). Skrining Fitokimia dan Aktivitas Antioksidan pada Kijing (*Pylsbryoconcha Sp*) dengan Pelarut Berbeda. *Jurnal Teknologi Dan Industri Pertanian Indonesia*, 13(1), 16–20. <https://doi.org/10.17969/jtipi.v13i1.18324>
- Senduk, T. W., Montolalu, L. A. D. Y., & Dotulong, V. (2020). Rendemen Ekstrak Air Rebusan Daun Tua Mangrove *Sonneratia alba*. *Jurnal Perikanan Dan Kelautan Tropis*, 11. <https://ejournal.unsrat.ac.id/index.php/JPKT/index>

- Suarna, W., & Wijaya, M. S. (2021). Butterfly pea (*clitoria ternatea* L.: Fabaceae) and its morphological variations in Bali. *Journal of Tropical Biodiversity and Biotechnology*, 6(2). <https://doi.org/10.22146/JTBB.63013>
- Susmayanti, W., & Endah Kusumawati, D. (2023). Pengaruh Waktu Dan Suhu Ekstraksi Daun Melinjo (*Gnetum Gnenom* L.) terhadap Aktivitas Antioksidan. *J. Med. Pharm. Sci*, 2(2), 60–66. <https://doi.org/10.30659/ijmps.v2i2.154>
- Tantrayana, P. B., & Zubaidah, E. (2015). Karakteristik Fisik Kimia Ekstrak Salak Gula Pasir. *Jurnal Pangan Dan Agroindustri*, 3, 1608–1619.
- Tulnisa, H., & Ahmad, A. R. (2025). Optimasi Metode Ekstraksi Maserasi Dan Ultrasound Assissted Extraction (UAE) Rimpang Kunyit (*Curcuma longa* L.) Dan Aktivitas Antioksidannya. *Jurnal Review Pendidikan Dan Pengajaran*, 8.
- Widastomo, M., & Wahyuni, N. N. E. S. (2024). *Statistik Daerah Kota Tangerang* (Vol. 14). BPS Kota Tangerang.
- Zurweni, Z., & Sanova, A. (2023). Development of UV-VIS Spectrophotometer Virtual Laboratory Media for Instrumental Analytical Chemistry Digital Practicum. *Formatif: Jurnal Ilmiah Pendidikan MIPA*, 13(1). <https://doi.org/10.30998/formatif.v13i1.17069>