

DAFTAR PUSTAKA

- Abbas, S. R. and Rehmat, H. (2020) 'Strength of *Morus nigra* [A review]', *Journal of Biotechnological sciences*, V-8 : 1(1), pp. 117–123.
- Endarini, L.H., 2016. *Farmakognosi Dan Fitokimia*, I. Ed. Kementerian Kesehatan Republik Indonesia, Jakarta Selatan.
- Hakim, Abdul., Muti'ah, R., Aprinda, R., Suryadinata, A., dan Maslakhah, F. N. (2018). Metabolite Profiling Bagian Akar, Batang, Daun, dan Biji *Helianthus annuus* L. Menggunakan UPLC-MS. *Media Pharmaceutica Indonesiana*. Vol. 2 No. 2.
- Hanani, Endang. 2014. *Analisis Fitokimia*. Penerbit EGC. Jakarta.
- Hartono, Y. I., Widyastuti, I., Luthfah, H. Z., Islamadina, R., Can, A. T., and Rohman, A. (2020). Total Flavonoid Content and Antioxidant Activity of Temu Mangga (*Curcuma mangga* Val. & Zijp) and its Classification with Chemometrics. *Journal of Food and Pharmaceutical Sciences*, 8(1), 202-214.
- Hidayat, I. R., Zuhrotun, A. and Sopyan, I. (2021) 'Design-expert Software s', *Majalah Farmasetika*, 6(1), pp. 99–120.
- Hidayat, S., Cahyaningsih, R., Inanugraha, D. S., Fijridianto, I. A., Karyantara, I. D. 2016. *Jalur Wisata Tumbuhan Obat di Kebun Raya Bogor*. LIPI Press. Jakarta.
- Hussain, F., Rana, Z., Shafique, H., Arif, M., dan Hussain, Z. (2017) 'Phytopharmacological potential of different species of *Morus alba* and their bioactive phytochemicals: A review', *Asian Pacific Journal of Tropical Biomedicine*, 7(10), pp. 950–956. doi: 10.1016/j.apjtb.2017.09.015.
- Iriawan, N., dan Astuti, S.P. 2006. *Mengolah Data Statistik dengan Mudah Menggunakan Minitab 14*. Penerbit ANDI. Yogyakarta.
- Julianto, Tatang S. 2019. *Fitokimia Tinjauan Metabolit Sekunder dan Skrining Fitokimia*. Penerbit Universitas Islam Indonesia. Yogyakarta.
- Kurniasari, I. 2006. *Metode Cepat Penentuan Flavonoid Total Meniran (*Phyllanthus Nururi L.*) Berbasis Teknik Spektrofotometri Inframerah dan Kemometrik*. Bogor.
- Lim, S. H. and Choi, C. I. (2019) 'Pharmacological properties of *morus nigra* L. (Black Mulberry) as a promising nutraceutical resource', *Nutrients*, 11(2), pp. 1–18. doi: 10.3390/nu11020437.

- Mauricio A., Rostagno., and Prado M. J. 2013. *Natural Product Extraction Principles and Applications*. RSC Publishing. Brazil.
- Marzuki, A., 2019. *Kimia Analisis Farmasi*. Penerbit Cv.21com. Makassar.
- Moura, C. A., Oliveira-Junior, R. G., Oliveira, A. P., Silva, A. L., Silva, J. M. S., Santos, R. F., Santos, M. C. M., Alves, C. S. C., Dutra, L. M., Costa, E. V., dan Almeida, J. R. G. S. Chemical Constituents from the Leaves of *Morus nigra* L. (Moraceae) Collected in Casa Nova, Bahia, Brazil. *Journal Revista Virtual de Quimica*. ISSN 1984-6835.
- Mukhriani. 2014. Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif. *Jurnal Kesehatan*: Vol. VII. No.2.
- de Oliveira, L. G., de Paiva, A. P., Balestrassi, P. P., Ferreira, J. R., da Costa, S. C., dal Silva Campos, P. H. (2019) 'Response surface methodology for advanced manufacturing technology optimization: theoretical fundamentals, practical guidelines, and survey literature review', *International Journal of Advanced Manufacturing Technology*, 104(5–8), pp. 1785–1837. doi: 10.1007/s00170-019-03809-9.
- Paiman. 2019. *Teknik Analisis Korelasi dan Regresi Ilmu-Ilmu Pertanian*. Penerbit UPY Press. Yogyakarta.
- Perincek, O. and Colak, M. (2013) 'Use of Experimental Box-Behnken Design for the Estimation of Interactions Between Harmonic Currents Produced by Single Phase Loads', *International Journal of Engineering Research and Applications*, 3(2), pp. 158–165.
- Radojkovic, M., Moreira, M. M., Soares, C., Barroso, M. F., Cvetanovic, A., Gajic, J. S., Morais, S., dan Matos, C. D. (2017) 'Microwave-assisted extraction of phenolic compounds from *Morus nigra* leaves: optimization and characterization of the antioxidant activity and phenolic composition'. *Journal of Chemical Technology & Biotechnology*. DOI: 10.1002/jctb.5541.
- Saifudin, Azis. 2014. *Senyawa Alam Metabolit Sekundur Teori, Konsep, dan Teknik Pemurnian*. Penerbit CV Budi Utama. Yogyakarta.
- Sánchez-Salcedo, E. M. Mena, P., Garcia-Viguera, C., Hernandez, F., and Martinez, J. J. (2015) '(Poly)phenolic compounds and antioxidant activity of white (*Morus alba*) and black (*Morus nigra*) mulberry leaves: Their potential for new products rich in phytochemicals', *Journal of Functional Foods*, 18, pp. 1039–1046. doi: 10.1016/j.jff.2015.03.053.

- Sarabia, L. A. and Ortiz, M. C. (2009) 'Response Surface Methodology', *Comprehensive Chemometrics*, 1(October 2004), pp. 345–390. doi: 10.1016/B978-044452701-1.00083-1.
- Sari, D. K., Lestari, R. S. D., K. M. Ridho, M., Lusi, U. T. (2018) 'Extraction Total Phenolic Content of Ketapang Leaves (*Terminalia catappa*) using Ultrasonic', *World Chemical Engineering Journal*, 2(1), pp. 6–11.
- Syahrir, S., Wiryawan K. G., Parakkasi A., Dan Winugroho M. 2010. Profil Darah Sapi Potong yang Mendapat Tepung Daun Murbei Menyubstitusi Konsentrat Pakan. *Jurnal Ilmu dan Teknologi Peternakan*. Vol. 1, No. 1.
- Taufik, Y., Widiantara, T., dan Garnida, Y. 2016. The Effect Of Drying Temperature On The Antioxidant Activity Of Black Mulberry Leaf Tea (*Morus nigra*). *Rasayan Journal Chemistry*. Vol. 9, No. 4.
- Tian, B., Qiao, Y. Yun, Tian, Y. Yu, Xie, K. Chang, Li, D. Wei, 2016. Effect Of Heat Reflux Extraction On The Structure And Composition Of A High-Volatile Bituminous Coal. *Appl. Therm. Eng.* 109, 560–568.
- Wulandari, Lestyo. 2011. *Kromatografi Lapis Tipis*. Penerbit PT. Taman Kampus Presindo. Jember.

LAMPIRAN

Lampiran 1. Skema Kerja Penelitian

Lampiran 1.1 Ekstraksi

