DAFTAR PUSTAKA

Arianti, C. I. S., Dewi, D. P. R. P., & Prasetya, I. G. N. J. A., 2014, *Pengaruh Rasio Amilum:Air terhadap Spesifikasi Amilum Singkong (Manihot esculenta Crantz) Fully Pregelatinized: Vol. III* (Issue 2).

Aryanti, R., Perdana, F., & Syamsudin, R. A. M. R., 2021, Telaah Metode Pengujian Aktivitas Antioksidan pada Teh Hijau (Camellia sinensis (L.) Kuntze): Study of Antioxidan Activity Testing Methods of Green Tea (Camellia sinensis (L.) Kuntze), *Jurnal Surya Medika (JSM)*, *7*(1), 15-24.

Armin, F., Ermadanis, E., & Rasyid, R., 2017, Analisis Senyawa Fenolat dan Uji Aktivitas Antioksidan Buah Markisa (Passiflora edulis Sims) Secara Spektrofotometri Visibel. *Jurnal Farmasi Higea*, *6*(2), 117-125.

Ashida, S., Beevi, N., Raj, R. V., & Prabhakumari, C., 2022, Qualitative Detection of Triterpenes and Quantification of Betulinic Acid from Hexane Extract of Simarouba glauca Leaves by Gas Chromatography-Mass Spectrometry and High-Performance Thin Layer Chromatography, *Indian Journal of Pharmaceutical Sciences*, (6).

Barrett, S. C., & Shore, J. S., 1987, Variation and evolution of breeding systems in the Turnera ulmifolia L. complex (Turneraceae), *Evolution*, 41(2), 340-354.

Bhatla, S. C., & Lal, M. A. 2023. *Plant physiology, development and metabolism*. Springer Nature.

Botanikks, 2024, *Piriqueta racemosa (Jacq.) Sweet*, https: //www.botanikks.com/plants/piriqueta-racemosa-jacq-sweet/582077/1, di akses pada 08 November 2024.

Chen, L.M.J., Lai, J.T.K., Ibrahim, A., Sim, P.P., Koh, S.L., Choo, L.M., Yeo, R.S.W., Lee, J.J.R. and Ho, B.C., 2019, *Piriqueta racemosa* (Jacq.) Sweet (Passifloraceae), a new record of naturalisation, and a new generic record for Singapore, *Hikobia*, 18(1), 7-10.

Coppola, S., Avagliano, C., Calignano, A., & Berni Canani, R., 2021, The protective role of butyrate against obesity and obesity-related diseases, *Molecules*, *26*(3), 682.

Departemen Kesehatan RI, 2000, *Parameter Standar Umum Ekstrak Tumbuhan Obat*, Cetakan Pertama, Dikjen POM, Direktorat Pengawasan Obat Tradisional.

Dyera Forestryana, A., 2020, Phytochemical screenings and thin layer chromatography analysis of ethanol extract jeruju leaf (Hydrolea spinosa L.), *Jurnal Ilmiah Farmako Bahari*, *11*(2), 120.

Eliyani, H., & Hastutiek, P., 2015, EFIKASI FORMULASI SALEP CRUDE EKSTRAK DAUN PERMOT (Passiflora Foetida Linn.) SEBAGAI TERAPI SCABIOSIS PADA KELINCI.

Farnsworth, N. R., 1966, Biological and phytochemical screening of plants, *Journal of pharmaceutical sciences*, *55*(3), 225-276.

Gião, M. S., Pereira, C. I., Fonseca, S. C., Pintado, M. E., & Malcata, F. X., 2009, Effect of Particle Size upon The Extent of Extraction of Antioxidant Power from The Plants *Agrimonia eupatoria, Salvia sp. and Satureja montana.*

Food Chemistry, *117*(3), 412–416. https://doi.org/10.1016/j.foodchem.2009.04.020.

González, A. M., 1993, Anatomía y vascularización floral de *Piriqueta racemosa*, Turnera hassleriana y Turnera joelii (Turneraceae), *Bonplandia*, 143-184.

Guedes, L. M., Aguilera, N., Kuster, V. C., da Silva Carneiro, R. G., & de Oliveira, D. C. 2025. Integrated insights into the cytological, histochemical, and cell wall composition features of Espinosa nothofagi (Hymenoptera) gall tissues: implications for functionality. *Protoplasma*, *262*(1), 149-165.

Gotov, D., Tsambaa, B., Borjigidai, A., Gachmaa, B., Yu, H., Liang, T., ... & Bayasgalankhuu, L, 2025, Comparative Anatomical and Morphological Study of Gentiana Algida and Gentiana Macrophylla in Mongolia.

Hamrouni-Sellami, I., Zohra Rahali, F., Bettaieb Rebey, I., Bourgou, S., Limam, F., & Marzouk, B., 2013, Total Phenolics, Flavonoids, and Antioxidant Activity of Sage (Salvia officinalis L.) Plants as Affected by Different Drying Methods. *Food Bioprocess Technol*, *6*, 806–817. https://doi.org/10.1007/s11947-012-0877-7.

Harborne, J. B., 1987, Metode Fitokimia, Penuntun Cara Modern Menganalisis Tumbuhan Edisi II. *Bandung: ITB*.

He, H., Li, D., Li, X., & Fu, L. 2024. Research progress on the formation, function, and impact of calcium oxalate crystals in plants. *Crystallography Reviews*, *30*(1), 31-60.

Hikmawanti, N. P. E., Hanani, E., & Mardiyanti, R, 2024, *Analisis Flavonoid pada Fraksi Hasil Hidrolisat Ekstrak Daun Cordia sebestena L. Indonesian Journal of Pharmaceutical Science and Technology*, *11*(1), 35-44.

Kementerian Kesehatan RI., 2017, *Farmakope Herbal Indonesia Edisi II*. Kementerian Kesehatan RI, Jakarta.

Kowalska, T., & Sajewicz, M., 2022, Thin-layer chromatography (TLC) in the screening of botanicals–its versatile potential and selected applications, *Molecules*, *27*(19), 6607.

Kumar, A., & Kumar, S. (Eds.), 2024, *Secondary Metabolites and Biotherapeutics*, Elsevier.

Kusumah, S. H., Pebrianti, S. A., & Maryatilah, L., 2021, Uji aktivitas antioksidan buah dan sirup markisa ungu menggunakan metode DPPH, *Jurnal Fakultas Teknik UNISA Kuningan*, *2*(1), 455314.

Labagu, R., Naiu, A. S., & Yusuf, N., 2022, Kadar saponin ekstrak buah mangrove (Sonneratia alba) dan daya hambatnya terhadap radikal bebas DPPH, *Jambura Fish Processing Journal*, *4*(1), 1-11.

Mabry, T., Markham, K. R., & Thomas, M. B., 2012, *The systematic identification of flavonoids*, Springer Science & Business Media.

Maheshwaran, L., Nadarajah, L., Senadeera, S. P. N. N., Ranaweera, C. B., Chandana, A. K., & Pathirana, R. N., 2024, Phytochemical Testing Methodologies and Principles for Preliminary Screening/Qualitative Testing. *Asian Plant Research Journal*, *12*(5), 11-38.

Maulida, R., & Guntarti, A., 2015, *The Influence of Particle Size of Black Rice (Oryza sativa L.) on Extract Yield and Total Anthocyanin Content*.

Molyneux, P, 2004, The Use of The Stable Free Radical Diphenylpicryl-Hydrazyl (DPPH) for Estimating Antioxidant Activity, *Songklanakarin Journal of Science Technology*, *26*(2), 211-216.

National Geographic Indonesia, 2019, *Kepunahan biodiversitas tertinggi, Indonesia peringkat ke-6*, https://nationalgeographic.grid.id/read/13183316/kepunahan-biodiversitas-tertinggi-indonesia-peringkat-ke-6, diakses 08 November 2024 pukul 07.00.

Parra-Naranjo, A., Delgado-Montemayor, C., Salazar-Aranda, R., & Waksman-Minsky, N., 2023, Bioactivity of the Genus Turnera: A Review of the Last 10 Years. *Pharmaceuticals*, *16*(11), 1573.

Putri, N. S., Limanan, D., Yulianti, E., & Ferdinal, F, 2024, *Perbandingan Uji Kapasitas Total Antioksidan Ekstrak Daun Kelor dengan Metode DPPH, FRAP, dan ABTS.*, Jurnal Sehat Indonesia, 6(02), 869–877.

Putry, B. O., Harfiani, E., & Tjang, Y. S., 2021, Systematic review: efektivitas ekstrak daun kirinyuh (Chromolaena Odorata L.) terhadap penyembuhan luka studi in vivo dan in vitro. In *Seminar Nasional Riset Kedokteran* (Vol. 2, No. 1).

Retnowati, A., Rugayah, Rahajoe, J.S. & Arifiani, D., 2019, Status Keanekaragaman Hayati Indonesia: Kekayaan Jenis Tumbuhan dan Jamur Indonesia. *Lembaga Ilmu Pengetahuan Indonesia (LIPI)*, Jakarta.

Robinson, T., 1991, The organic constituen of higher plants 6th edition.

Romadhonsyah, F., Gemantari, B. M., Nurrochmad, A., Wahyuono, S., & Astuti, P., 2022, Antioxidant, cytotoxic activities and characterization of secondary metabolites of endophytic fungus Schizophyllum commune isolated from Coleus amboinicus (Lour.) Leaves, *Research Journal of Pharmacy and Technology*, *15*(1), 357-364.

Royal Botanic Gardens, 2023, *Plants of the World Online*, diakses 10 Februari pukul 10.00.

Setyawati, I., Fitriyah, Z., Emilia, M., Putri, A. T., Sari, N. W. I., & Wahab, S., 2024), Ekstraksi secara Sokletasi dan Skrining Fitokimia Ekstrak Umbi Wortel (Daucus carota L.), *JURNAL LANTERA ILMIAH KESEHATAN*, *2*(2), 16-24.

Soparat, S., 2010, *Chemical ecology and function of alkaloids*, http://pirun.ku.ac.th/g4686045/media/alkaloid, diakses 16 Juni 2025 pukul 07.00.

Spencer, K. C., & Seigler, D. S. 1980. Deidaclin from Turnera ulmifolia. *Phytochemistry*, *19*(8), 1863-1864.

Suhaenah, A., 2023, ANALISIS KANDUNGAN SENYAWA FENOLIK DAN TANIN PADA ISOLA FUNGI ENDOFIT (IFEBK20) BUNGA KERSEN (Muntingia calabura L) DENGAN METODE SPEKTROFOTOMETRI UV-VIS, *Makassar Pharmaceutical Science Journal (MPSJ)*, *1*(2), 35-42.

Suharyanisa, S., Fitri, W., Rumela, N., & br Tarigan, B., 2024, Formulasi dan Uji Aktivitas Antibakteri Sediaan Gel Antijerawat Ekstrak Etanol Daun Sisik Naga (Drymoglossum piloselloides (L.) Pressl.) terhadap Staphylococcus

aureus, *Jurnal Riset Ilmu Kesehatan Umum dan Farmasi (JRIKUF)*, *2*(4), 179-203.

Syamsu, R. F., 2023, ji Aktivitas Antioksidan Etanol Buah Tin (Ficus Carica) Dengan Metode Dpph Dan Frap (Antioxidant Activity Test of Figs (Ficus carica) Using DPPH and FRAP Methods), *As-Syifaa Jurnal Farmasi*, *6*(2), 148-153.

Szewczyk, K., & Zidorn, C., 2014, Ethnobotany, phytochemistry, and bioactivity of the genus Turnera (Passifloraceae) with a focus on damiana—Turnera diffusa, *Journal of ethnopharmacology*, *152*(3), 424-443.

Vargas-Solano, S. V., Rodríguez-González, F., Martínez-Velarde, R., Campos-Mendiola, R., Hurtado-Salgado, M. A., & Muthuswamy Ponniah, J. 2022. Chemical composition of nopal mucilage at different maturity stages. *Agrociencia https://doi. org/10.47163/agrociencia. v56i2*, *2726*.

Večeřa, M., Gasparič, J., Večeřa, M., & Gasparič, J., 1971, Amines, *Detection and Identification of Organic Compounds*, 317-353.

Vermerris, W., Nicholson, R., Vermerris, W., & Nicholson, R., 2006, Isolation and identification of phenolic compounds: a practical guide, *Phenolic compound biochemistry*, 151-196.

Wagner, H., & Bladt, S., 1996, *Plant drug analysis: a thin layer chromatography atlas*, Springer Science & Business Media.

Waksmundzka-Hajnos, M., Hawrył, M., Hawrył, A., & Jożwiak, G., 2022, Thin layer chromatography in phytochemical analysis. In *Handbook of Bioanalytics* (pp. 1-31), Cham: Springer International Publishing.

Wang, X., Shen, C., Meng, P., Tan, G., & Lv, L., 2021, Analysis and review of trichomes in plants. *BMC plant biology*, *21*, 1-11.

Wardhani, R. R. A. A. K., & Pardede, A., 2022, Analisa Fitokimia Dan Aktifitas Antioksidan Ekstrak Metanol Batang, Daun, Kulit Buah Dan Buah Tanaman Kelubut (Passiflora foetida), *Dalton: Jurnal Pendidikan Kimia dan Ilmu Kimia*, *5*(2), 62-74.

Widiastini, L. P., Karuniadi, I. G. A. M., & Tangkas, M., 2021, Senyawa antioksidan ekstrak etanol daun kelor (Moringa oleifera) di Denpasar Selatan Bali, *Media Kesehatan Politeknik Kesehatan Makassar*, *16*(1), 135-139.

Yang, Y., Yang, J., Ji, J., Cao, G., Hu, X., & Cheng, J. 2025. How do stele and pores affect the macro-biomechanical properties of plant roots in tension?. *Plant and Soil*, 1-17.

Zahedi, S. M., Karimi, M., Venditti, A., Zahra, N., Siddique, K. H., & Farooq, M. 2025. Plant Adaptation to Drought Stress: The Role of Anatomical and Morphological Characteristics in Maintaining the Water Status. *Journal of Soil Science and Plant Nutrition*, *25*(1), 409-427.

Zhang, Y., & Wang, Y., 2021, Influence of extraction methods on the yield and antioxidant activity of phytochemicals from plant materials. *Food Chemistry*, *337*, 127710. doi:10.1016/j.foodchem.2020.