

DAFTAR PUSTAKA

- Alkadi, H. (2018). A review on free radicals and antioxidants. *Infectious Disorders - Drug Targets*, 20(1), 16–26. <https://doi.org/10.2174/1871526518666180628124323>
- Astarina, Astuti, & Warditiani. (2012). Skrining fitokimia ekstrak metanol rimpang bangle, 1213–1214.
- Candra, L. M. M., Andayani, Y., & Wirasisya, D. G. (2021). Pengaruh metode ekstraksi terhadap kandungan fenolik total dan flavonoid total pada ekstrak etanol buncis (*Phaseolus vulgaris* L.). *Jurnal Pijar Mipa*, 16(3), 397–405. <https://doi.org/10.29303/jpm.v16i3.2308>
- Dachriyanus. (2004). *Analisis struktur senyawa organik secara spektroskopi* (M. LPTIK & ISBN (ed.); 1 ed.). Lembaga Pengembangan Teknologi Informasi dan Komunikasi (LPTIK) Universitas Andalas.
- Engida, A. M., Kasim, N. S., Tsigie, Y. A., Ismadji, S., Huynh, L. H., & Ju, Y. H. (2013). Extraction, identification and quantitative HPLC analysis of flavonoids from sarang semut (*Myrmecodia pendan*). *Industrial Crops and Products*, 41(1), 392–396. <https://doi.org/10.1016/j.indcrop.2012.04.043>
- Fadillah, A., Rahmadani, A., & Rijai, L. (2017). Analisis kadar total flavonoid dan uji aktivitas antioksidan ekstrak daun kelubut (*Passiflora foetida* L.). *Mulawarman Pharmaceuticals Conferences*, 21–28. <https://doi.org/10.25026/mpc.v5i1.217>
- Frengki, Roslizawaty, & Pertiwi, D. (2014). Uji toksisitas ekstrak etanol sarang semut lokal aceh (*Mymercodia* sp .) Dengan metode bslt terhadap larva udang artemia salina leach toxicity test of ethanol extract ant plant local aceh (*Mymercodia* sp) method of BSLT larvae shrimp artemia salina leach. *Jurnal Medika Veterinaria*, 8(1)
- Haeria, Hermawati, & Dg.Pine, A. T. (2016). Penentuan kadar flavonoid total dan aktivitas antioksidan ekstrak etanol daun bidara (*Ziziphus spina-christi* L.). *Journal of Pharmaceutical and Medicinal Sciences*, 1(2), 57–61.
- Handayani, F. W., Muhtadi, A., Farmasi, F., Padjadjaran, U., Dara, T., Manis, K., & Aktif, S. (2013). Review article: penggunaan radiofarmaka teknesium-99m dari senyawa glutation dan senyawa flavonoid sebagai deteksi dini radikal bebas pemicu kanker. *Farmaka Suplemen*, 14(1), 1–15.
- Ikalinus, R., Widystuti, S., & Eka Setiasih, N. (2015). Skrining fitokimia ekstrak etanol kulit batang kelor (*Moringa Oleifera*). *Indonesia Medicus Veterinus*,

4(1), 71–79.

I Made Oka Adi Parwata. (2015). Bahan Ajar Uji Bioaktivitas : Antioksidan. *Universitas Udayana, April*, 1–51.

Ionita P. (2005). Is DPPH stable free radical a good scavenger for oxygen active species.institute of physical chemistry. *Chemical Papers*, 59(1), 11–16.

Ipandi, I., Triyasmono, L., & Prayitno, B. (2016). Penentuan kadar flavonoid total dan aktivitas antioksidan ekstrak etanol daun kajajahi (*Leucosyke capitellata*. Wedd.). *Scientia : Jurnal Farmasi dan Kesehatan*, 5(1), 8.

Katrin, E., Fauziah, S., Susanto, S., & Winarno, H. (2016). Kemampuan sitotoksik dan profil kromatogram umbi sarang semut (*Myrmecodia pendans* Merr. & Perry) setelah diiradiasi gamma. *Jurnal Ilmiah Aplikasi Isotop dan Radiasi*, 11(2), 137. <https://doi.org/10.17146/jair.2015.11.2.2800>

Kelly, G. S. (2011). *Quercetin*. 16(2).

Khoddami, A., Wilkes, M. A., & Roberts, T. H. (2013). Techniques for analysis of plant phenolic compounds. *Molecules*, 18(2), 2328–2375. <https://doi.org/10.3390/molecules18022328>

Luis, F., & Moncayo, G. (2008). *Extraction technologies for medicinal and aromatic plants*.

Manish Pal, S., Avneet, G., & Siddhraj, S. S. (2018). Gallic Acid: Pharmacological Promising Lead Molecule: A Review. Available online on www.ijppr.com *International Journal of Pharmacognosy and Phytochemical Research*, 10(4). www.ijppr.com

Manullang, D. H., Sudira, I. W., Berata, I. K., & Merdana, I. M. (2018). Ekstrak etanol sarang semut menyebabkan kerusakan struktur histologi ginjal mencit. *Buletin Veteriner Udayana*, 10(2), 183. <https://doi.org/10.24843/bulvet.2018.v10.i02.p12>

Mardany, M. P., Chrystomo, L. Y., & Karim, A. K. (2018). Skrining fitokimia dan uji aktivitas sitotoksik dari tumbuhan sarang semut (*Myrmecodia beccarii* Hook.f.) Asal Kabupaten Merauke. *Jurnal Biologi Papua*, 8(1), 13–22. <https://doi.org/10.31957/jbp.41>

Marliana, S. D., Suryanti, V., & Suyono. (2005). Skrining fitokimia dan analisis kromatografi lapis tipis komponen kimia buah labu siam (*Sechium edule* Jacq . Swartz .) dalam ekstrak etanol. *Biofarmasi*, 3(1), 26–31.

Nofita, D., Sari, S. N., & Mardiah, H. (2020). Penentuan fenolik total dan flavonoid ekstrak etanol kulit batang matoa (*Pometia pinnata* J.R& G.Forst) secara spektrofotometri. *Chimica et Natura Acta*, 8(1), 36. <https://doi.org/10.24198/cna.v8.n1.26600>

- Omairi, S., & Al-habib, M. F. M. (2020). *Histochemical and biochemical changes in skin aging*. April 2014.
- Phaniendra, A., Jestadi, D. B., & Periyasamy, L. (2015). Free radicals: properties, sources, targets, and their implication in various diseases. *Indian journal of clinical biochemistry*, 30(1), 11–26. <https://doi.org/10.1007/s12291-014-0446-0>
- Pratiwi, L., Fudholi, A., Martien, R., & Pramono, S. (2016). Ethanol extract, ethyl acetate extract, ethyl acetate fraction, and n-heksan fraction mangosteen peels (*Garcinia mangostana* L.) as source of bioactive substance free-radical scavengers. *JPSCR: Journal of Pharmaceutical Science and Clinical Research*, 1(2), 71. <https://doi.org/10.20961/jpscr.v1i2.1936>
- Rahayu, S. T., Harahap, Y., Mun'im, A., & Sutandyo, N. (2018). Determination of tamoxifen and 4-hydroxytamoxifen levels in rat plasma after administration of the ethyl acetate fraction of (*Myrmecodia erinaceae* Becc.) Using liquid chromatography tandem mass-spectrometry. *International Journal of Pharmacology*, 14(2), 215–223. <https://doi.org/10.3923/ijp.2018.215.223>
- Redha, A. (2010). Flavonoid: struktur, sifat antioksidatif dan peranannya dalam sistem biologis. *Jurnal Berlin*, 9(2), 196–202. <https://doi.org/10.1186/2110-5820-1-7>
- Reveny, J., & Ginting, H. (2005). Antioxidant test , phenolic and flavonoid content ethanol extract and ethyl acetate fraction of purple passion fruit peel (*Passiflora edulis* Sims.). *International Conference on Pharmaceutical Research and Practice*, 978–979.
- Rudy Agung Nugroho, D. (2019). *Myrmecodia: efek fisiologi dan potensi manfaat* (hal. 609–609). Deepublish. https://doi.org/10.1007/978-3-030-28102-1_300094
- Rungratanawanich, W., Memo, M., & Uberti, D. (2018). Redox homeostasis and natural dietary compounds : Focusing on antioxidants of rice (*Oryza sativa* L.). *Nutrients*, 10(11), 1–19. <https://doi.org/10.3390/nu10111605>
- Sadeer, N. B., Montesano, D., Albrizio, S., Zengin, G., & Mahomoodally, M. F. (2020). The versatility of antioxidant assays in food science and safety—chemistry, applications, strengths, and limitations. *Antioxidants*, 9(8), 1–39. <https://doi.org/10.3390/antiox9080709>
- Salim, R., & Suryani, S. (2020). Aplikasi metode bioautografi dalam penelusuran daya antibakteri ekstrak pegagan (*Centella asiatica* (L.)). *Jurnal Katalisator*, 5(1), 17. <https://doi.org/10.22216/jk.v5i1.5275>
- Salim, S. A., Saputri, F. A., Saptarini, N. M., & Levita, J. (2020). Review artikel: Kelebihan dan keterbatasan pereaksi folinciocalteu dalam penentuan kadar

- fenol total pada tanaman. *Farmaka*, 18(1), 46–57. <http://jurnal.unpad.ac.id/farmaka/article/view/21909/pdf>
- Sasidharan, S., Yoga, L., Yuet, K., & Jothy, S. (2012). Screening methods in the study of fungicidal property of medicinal plants. *Fungicides for Plant and Animal Diseases, January*. <https://doi.org/10.5772/25714>
- Sayuti, K., & Yenrina, R. (2015). *Alami dan Sintetik (1 ed)*.
- Suhartati, T. (2017). *Dasar-dasar spektrofotometri UV-Vis dan spektrometri massa untuk penentuan struktur senyawa organik*. AURA CV. Anugrah Utama Raharja Anggota.
- Surya, A., & Rahayu, D. P. (2020). Antioksidan ekstrak metanol kulit petai (parkia speciosa hassk) dengan metode 2,2-diphenyl-1-picrylhidrazyl. *JOPS (Journal Of Pharmacy and Science)*, 4(2), 1–5. <https://doi.org/10.36341/jops.v4i2.1342>
- Susanti, N. M. ., Budiman, I. N. ., & Warditiani, N. . (2012). Skrining fitokimia ekstrak etanol 90 % daun katuk (*Sauvopus androgynus (L.) Merr.*).
- Syaron, P., Sientje, M., Irma, L., & Kimia, P. (2020). Uji senyawa fitokimia dan aktivitas antioksidan tanaman patah tulang (*Euphorbia tirucalli L.*). 9(2), 64–69.
- Verma, G., & Mishra, M. (2018). Development and optimization of uv-vis spectroscopy. 7(11), 1170–1180. <https://doi.org/10.20959/wjpr201811-12333>
- Wardhani, R. R. A. A. K., Akhyar, O., & Emilda, P. (2018). Analisis skrining fitokimia, kadar total fenol-flavonoid dan aktivitas antioksidan ekstrak etanol kulit kayu tanaman galam rawa gambut (*Melaleuca cajuputi Roxb*). *Al Urum Sains dan Teknologi*, 4(1), 39–45.
- Wibawa, J. C., Wati, L. H., & Arifin, M. Z. (2020). Mekanisme vitamin c menurunkan stres oksidatif setelah aktivitas fisik. *JOSSAE : Journal of Sport Science and Education*, 5(1), 57. <https://doi.org/10.26740/jossae.v5n1.p57-63>
- Winarsi, H. (2007). *Antioksidan alami dan radikal bebas*. Kanisius.
- Zhang, Q. W., Lin, L. G., & Ye, W. C. (2018). Techniques for extraction and isolation of natural products: A comprehensive review. *Chinese Medicine (United Kingdom)*, 13(1), 1–26. <https://doi.org/10.1186/s13020-018-0177-x>

LAMPIRAN

Lampiran 1. Rancangan Penelitian

