

DAFTAR PUSTAKA

- Araujo, L.F. dkk. (2005) 'Cardiovascular events: A class effect by COX-2 inhibitors', *Arquivos Brasileiros de Cardiologia*, 85, pp. 222–229.
- Aslantürk, Ö.S. (2018) 'In vitro cytotoxicity and cell viability assays: principles, advantages, and disadvantages', *Genotoxicity-A predictable risk to our actual world*, 2, pp. 64–80.
- Awang Hamsin, D.E.Z. dkk. (2014) 'Ardisia crispa roots inhibit cyclooxygenase and suppress angiogenesis', *BMC Complementary and Alternative Medicine*, 14. Available at: <https://doi.org/10.1186/1472-6882-14-102>.
- Aziz, S.A. and Wardani, E.A. (2019) 'Leaf Production Responses of Lampeni (*Ardisia humilis* Vahl.) to Types and Rates of Manure Application', *Journal of Tropical Crop Science Vol*, 6(2).
- Azwanida (2015) 'A Review on the Extraction Methods Use in Medicinal Plants, Principle, Strength and Limitation', *Medicinal & Aromatic Plants*, 04(03), pp. 3–8. Available at: <https://doi.org/10.4172/2167-0412.1000196>.
- Baker, D.D. dkk. (2007) 'The value of natural products to future pharmaceutical discovery', *Natural product reports*, 24(6), pp. 1225–1244.
- Bryan, N.S. and Grisham, M.B. (2007) 'Methods to detect nitric oxide and its metabolites in biological samples', *Free Radical Biology and Medicine*, 43(5), pp. 645–657. Available at: <https://doi.org/10.1016/J.FREERADBIOMED.2007.04.026>.
- Chang, H.S. dkk. (2009) 'Cytotoxic alkyl benzoquinones and alkyl phenols from *Ardisia virens*', *Phytochemistry*, 70(17–18), pp. 2064–2071. Available at: <https://doi.org/10.1016/j.phytochem.2009.09.006>.
- Chang, X. dkk. (2007) 'Biologically active triterpenoid saponins from *Ardisia japonica*', *Journal of Natural Products*, 70(2), pp. 179–187. Available at: <https://doi.org/10.1021/np0604681>.
- Ching, J. (2011) 'Chemical and Pharmacological Studies of *Ardisia Elliptica*: Antiplatelet, Anticoagulant Activities and Multivariate Data Analysis For Drug Discovery'.
- Cinelli, M.A. dkk. (2020) 'Inducible nitric oxide synthase: Regulation, structure, and inhibition', *Medicinal Research Reviews*, 40(1), pp. 158–189. Available at: <https://doi.org/10.1002/MED.21599>.

- Cuong, D.T.D. dkk. (2019) 'Isolation and characterization of six flavonoids from the leaves of *Sterculia foetida* Linn.', *Vietnam Journal of Chemistry*, 57(4), pp. 438–442. Available at: <https://doi.org/10.1002/vjch.201900084>.
- Dobrovolskaia, M.A. and Vogel, S.N. (2002) 'Toll receptors, CD14, and macrophage activation and deactivation by LPS', *Microbes and Infection*, 4(9), pp. 903–914.
- Dodds, K.S. and Bose, R. (1955) 'Hereditary (Seed-borne) Symbiosis in *Ardisia humilis* Vahl.', *Nature 1955 175:4452*, 175(4452), pp. 395–395. Available at: <https://doi.org/10.1038/175395a0>.
- Ginter, E., Simko, V. and Panakova, V. (2014) 'Antioxidants in health and disease.', *Bratislavske Lekarske Listy*, 115(10), pp. 603–606. Available at: https://doi.org/10.4149/BLL_2014_116.
- Habtemariam, S. (2019) 'Natural Products in Alzheimer's Disease Therapy: Would Old Therapeutic Approaches Fix the Broken Promise of Modern Medicines?', *Molecules 2019, Vol. 24, Page 1519*, 24(8), p. 1519. Available at: <https://doi.org/10.3390/MOLECULES24081519>.
- Huang, J.X. dkk. (2014) 'Mucor fragilis as a novel source of the key pharmaceutical agents podophyllotoxin and kaempferol', *Pharmaceutical Biology*, 52(10), pp. 1237–1243. Available at: <https://doi.org/10.3109/13880209.2014.885061>.
- Jain, A.K. dkk. (2018) 'Models and methods for in vitro toxicity', in *In vitro toxicology*. Elsevier, pp. 45–65.
- Jenie, U.A. dkk. (2014) 'Teknik Modern Spektroskopi NMR: Teori dan aplikasi dalam elusidasi struktur molekul organik', LIPI Press. DOI: Available at: penerbit.brin.go.id/press/catalog/book/58.
- Khatun, A. dkk. (2013) 'Phytochemical and pharmacological properties of methanolic extract of *ardisia humilis* vahl. (myrsinaceae)', *International Journal of Research in Ayurveda and Pharmacy*, 4(1), pp. 38–41. Available at: <https://doi.org/10.7897/2277-4343.04120>.
- Ko, W.K. dkk. (2017) 'Anti-inflammatory effects of ursodeoxycholic acid by lipopolysaccharide-stimulated inflammatory responses in RAW 264.7 macrophages', *PLOS ONE*, 12(6), p. e0180673. Available at: <https://doi.org/10.1371/JOURNAL.PONE.0180673>.
- Kobayashi, H. and De Mejía, E. (2005) 'The genus *Ardisia*: A novel source of health-promoting compounds and phytopharmaceuticals', *Journal of Ethnopharmacology*, 96(3), pp. 347–354. Available at:

- <https://doi.org/10.1016/j.jep.2004.09.037>.
- Kumar, V. and Abbas, A.K. (2017) 'Aster JC Robbins Basic Pathology E-Book', *Amsterdam, Nertherlands: Elsevier Health Sciences*.
- Lemmens, R. and BUNYAPRAPHAT-SARA, N. (2003) 'Plant Resources of South East Asia: Medicinal and Poisonous Plants 3 No 12 (3)', *Prosea Foundation. Bogor. Pp*, pp. 1–664.
- Lenehan, C.E. (2013) *Chromatography: Basic Principles, Encyclopedia of Forensic Sciences: Second Edition*. Available at: <https://doi.org/10.1016/B978-0-12-382165-2.00244-0>.
- Liu, D.L. dkk. (2011) 'A new triterpenoid saponin from the roots of *Ardisia crenata*', *Chinese Chemical Letters*, 22(8), pp. 957–960. Available at: <https://doi.org/10.1016/j.ccllet.2011.01.027>.
- Liu, H. dkk. (2009) 'Dimeric 1,4-benzoquinone derivatives and a resorcinol derivative from *Ardisia gigantifolia*', *Phytochemistry*, 70(6), pp. 773–778. Available at: <https://doi.org/10.1016/j.phytochem.2009.04.004>.
- Mabry, T., Markham, K.R. and Thomas, M.B. (2012) *The systematic identification of flavonoids*. Springer Science & Business Media.
- Mabry, T.J., Markham, K.R. and Thomas, M.B. (1970) 'The Systematic Identification of Flavonoids', *The Systematic Identification of Flavonoids* [Preprint]. Available at: <https://doi.org/10.1007/978-3-642-88458-0>.
- Mu'nisa, A. (2023) 'Antioksidan pada Tanaman dan Peranannya Terhadap Penyakit Degeneratif'. Brilian Internasional Surabaya.
- Mu, L.H., Feng, J.Q. and Liu, P. (2013) 'A new bergenin derivative from the rhizome of *Ardisia gigantifolia*', *Natural Product Research*, 27(14), pp. 1242–1245. Available at: <https://doi.org/10.1080/14786419.2012.724415>.
- Mu, L.H., Wei, N.Y. and Liu, P. (2012) 'Cytotoxic triterpenoid saponins from *ardisia gigantifolia*', *Planta Medica*, 78(6), pp. 617–621. Available at: <https://doi.org/10.1055/s-0031-1298254>.
- Munteanu, I.G. and Apetrei, C. (2021) 'Analytical methods used in determining antioxidant activity: A review', *International Journal of Molecular Sciences*, 22(7). Available at: <https://doi.org/10.3390/ijms22073380>.
- Nilvetjdis, R. dkk. (2001) 'Flavonoids: a review of probable mechanisms of action and potential application', *Am J Clin Nutr*, 74(418), p. 25.

- Ningsih, S. dkk. (2020) 'Study of the Effect of Lampeni (*Ardisia humilis* Vahl.) Planting Condition toward the Alpha-glucosidase Inhibition Activity in vitro', *Pharmacognosy Journal*, 12(2), pp. 377–385. Available at: <https://doi.org/10.5530/pj.2020.12.59>.
- Pavia, D.L., Lampman, G. M., Kriz, G. S., & Vyvyan, J.A. (2015). *Introduction to spectroscopy*. Cengage learning.
- Penner, M.H. (2017) 'Basic principles of spectroscopy', *Food analysis*, pp. 79–88.
- Phadungkit, M. and Luanratana, O. (2006) 'Anti-Salmonella activity of constituents of *Ardisia elliptica* Thunb', *Natural Product Research*, 20(7), pp. 693–696. Available at: <https://doi.org/10.1080/14786410600661849>.
- Pham-Huy, L.A., He, H. and Pham-Huy, C. (2008) 'Free Radicals, Antioxidants in Disease and Health', *International Journal of Biomedical Science: IJBS*, 4(2), p. 89. Available at: <https://doi.org/10.59566/ijbs.2008.4089>.
- Rahayu, M.D. (2019) 'Synthesis and activity assay of ester acetyl and benzoyl from xanthorrhizol and its oxidation products for inhibition of nitric oxide production in RAW 264.7 cells'.
- Ramadhani, N., Samudra, A.G. and Pratiwi, L.W.I. (2020) 'Analisis penetapan kadar flavonoid sari jeruk kalamansi (*Citrofortunella microcarpa*) dengan metode spektrofotometri UV-VIS', *Jurnal Mandala Pharmacon Indonesia*, 6(01), pp. 53–58.
- Sarker, S.D. and Nahar, L. (eds) (2012) 'Natural Products Isolation', 864. Available at: <https://doi.org/10.1007/978-1-61779-624-1>.
- Septisetyani, E.P. dkk. (2014) 'Optimization of sodium dodecyl sulphate as a formazan solvent and comparison of 3-(4,5-dimethylthiazo-2-yl)-2, 5-diphenyltetrazolium bromide (MTT) assay with wst-1 assay in mcf-7 cells', *Indonesian Journal of Pharmacy*, 25(4), p. 245.
- Shahinozzaman, M. dkk. (2019) 'Cytotoxic and anti-inflammatory resorcinol and alkylbenzoquinone derivatives from the leaves of *Ardisia sieboldii*', *Zeitschrift fur Naturforschung - Section C Journal of Biosciences* [Preprint]. Available at: <https://doi.org/10.1515/znc-2019-0114>.
- Silverstein, R.M., Bassler, G. and Morrill, C. (1980) 'Identificación espectrométrica de compuestos orgánicos', *Química Orgánica: Compuestos orgánicos - Espectrometria*, p. 353.
- Singh, R. dkk. (2008) 'Anti-free radical activities of kaempferol isolated from *Acacia nilotica* (L.) Willd. Ex. Del.', *Toxicology in Vitro*, 22(8), pp. 1965–

1970. Available at: <https://doi.org/10.1016/j.tiv.2008.08.007>.

SONG, N.N. dkk. (2021) 'Triterpenoid saponins and phenylpropanoid glycoside from the roots of *Ardisia crenata* and their cytotoxic activities', *Chinese Journal of Natural Medicines*, 19(1), pp. 63–69. Available at: [https://doi.org/10.1016/S1875-5364\(21\)60007-9](https://doi.org/10.1016/S1875-5364(21)60007-9).

Soufli, I. dkk. (2016) 'Overview of cytokines and nitric oxide involvement in immuno-pathogenesis of inflammatory bowel diseases', *World Journal of Gastrointestinal Pharmacology and Therapeutics*, 7(3), p. 353. Available at: <https://doi.org/10.4292/WJGPT.V7.I3.353>.

Suhartati, T. (2017) 'Dasar-dasar spektrofotometri UV-Vis dan spektrometri massa untuk penentuan struktur senyawa organik'. Aura.

Sykes, W.R.B. and Hawai'i, N. (2016) 'Flora of the Cook Islands', *National Tropical Botanical Garden*, Kalaheo, Kaua'i, Hawaii.

Tambun, R., Alexander, V. and Ginting, Y. (2021) 'Performance comparison of maceration method, soxhletation method, and microwave-assisted extraction in extracting active compounds from soursop leaves (*Annona muricata*): A review'. Available at: <https://doi.org/10.1088/1757-899X/1122/1/012095>.

Tao, H. dkk. (2022) 'Two New Phenolic Glycosides with Lactone Structural Units from Leaves of *Ardisia crenata* Sims with Antibacterial and Anti-Inflammatory Activities', *Molecules*, 27(15). Available at: <https://doi.org/10.3390/molecules27154903>.

Tian-Liang dkk. (2023) '*Ardisia gigantifolia* stapf (Primulaceae): A review of ethnobotany, phytochemistry, pharmacology, clinical application, and toxicity', *Journal of Ethnopharmacology*, 305(December 2022), p. 116079. Available at: <https://doi.org/10.1016/j.jep.2022.116079>.

Tian, Z. dkk. (1987) 'Quinones from *Ardisia cornudentata*', *Phytochemistry*, 26(8), pp. 2361–2362. Available at: [https://doi.org/10.1016/S0031-9422\(00\)84719-6](https://doi.org/10.1016/S0031-9422(00)84719-6).

Uddin, N., Sarder, R. and Matiur, M. (2006) 'Traditional uses of Ethnomedicinal plants of the Chittagong Hill Tracts', *Herbarium Nasional Bangladesh.s*

Wong, P. Lou dkk. (2021) 'Metabolomic analysis reveals the valuable bioactive compounds of *Ardisia elliptica*', *Phytochemical Analysis*, 32(5), pp. 685–697. Available at: <https://doi.org/10.1002/pca.3015>.

Young, I.S. and Woodside, J. V. (2001) 'Antioxidants in health and disease', *Journal of Clinical Pathology*, 54(3), pp. 176–186. Available at:

<https://doi.org/10.1136/JCP.54.3.176>.

- Yu, K.Y. dkk. (2017) 'A new compound, methylbergenin along with eight known compounds with cytotoxicity and anti-inflammatory activity from *Ardisia japonica*', *Natural Product Research*, 31(22), pp. 2581–2586. Available at: <https://doi.org/10.1080/14786419.2017.1283495>.
- Zerbinati, N. dkk. (2018) 'In vitro evaluation of the biosafety of hyaluronic acid PEG cross-linked with micromolecules of calcium hydroxyapatite in low concentration', *Open access Macedonian journal of medical sciences*, 6(1), p. 15.
- Zhu, L. dkk. (2017) 'Flavonoids from *Agrimonia pilosa* Ledeb: Free radical scavenging and DNA oxidative damage protection activities and analysis of bioactivity-structure relationship based on molecular and electronic structures', *Molecules*, 22(3), pp. 1–11. Available at: <https://doi.org/10.3390/molecules22030195>.