

## DAFTAR PUSTAKA

- Aguilar, N.O., (2001). *Artobotrys R.Br. ex Ker Gawl.* In Van Valkenburg, J.L.C.H., and Bunyapraphatsara, N., (eds.). *Plant resources of South-East Asia no. 12(2): medicinal and poisonous plants 2.* Backhuys Publishers, pp. 85–89
- Azziz, S. S. S. A., Mukhtar, M. R., A. Hadi, A. H., Awang, K., Mohd Jaafar, F., Naz, H., Ismail, N., Morita, H. (2013). Isolation of Alkaloids from *Artobotrys suaveolens* and Their Cytotoxic Activity. *Jurnal Sains Dan Matematik*, 5(1), 19–27. Diakses dari <http://ejournal.upsi.edu.my/index.php/JSML/article/view/344/219>
- Balafif, R. A. R., Andayani, Y., Gunawan, R. (2013). Analisis Senyawa Triterpenoid Dari Hasil Fraksinasi Ekstrak Air Buah Buncis (*Phaseolus vulgaris* Linn). *Chemistry Progress*, 6(2), 56–61. Diakses dari <https://doi.org/10.35799/cp.6.2.2013.3495>
- Barger, G., Sargent, L.J., 1939. The alkaloids of *Artobotrys suaveolens*. *Journal of the Chemical Society*, 991–997
- Cornélio, M. L., Barbosa-Filho, J. M., Côrtes, S. F., Thomas, G. (1999). Tracheal relaxant activity of cissaglaberrimine and trilobinine, two aporphinic alkaloids from *Cissampelos glaberrima*. *Planta Medica*, 65(5), 462–464. Diakses dari <https://doi.org/10.1055/s-2006-960814>
- Costa, E. V., Da Cruz, P. E. O., De Lourenço, C. C., De Souza Moraes, V. R., De Lima Nogueira, P. C., Salvador, M. J. (2013). Antioxidant and antimicrobial activities of aporphinoids and other alkaloids from the bark of *Annona salzmannii* A. DC. (Annonaceae). *Natural Product Research*, 27(11), 1002–1006. Diakses dari <https://doi.org/10.1080/14786419.2012.688044>
- Depkes RI. 1979. *Farmakope Indonesia. Jilid III*. Jakarta: Departemen Kesehatan Republik Indonesia. Hal. 50- 51; 57-58; 65
- Farnsworth, N.R. (1966). Biological and phytochemical screening of plants. *J. pharm.Sci*, 55:225-276
- Gafur, M. A., Isa, I., Bialangi, N. (2012). Isolasi Dan Identifikasi Senyawa Flavonoid Dari Daun Jamblang (*Syzygium cumini*). Skripsi. Jurusan Kimia Fakultas Mipa Universitas Negeri Gorontalo, 11
- Ghorbani, A. (2017). Mechanisms of antidiabetic effects of flavonoid rutin. *Biomedicine and Pharmacotherapy*, 96(September) ,305–312. Diakses dari <https://doi.org/10.1016/j.biopha.2017.10.001>
- Hao, T., Yang, Y., Li, N., Mi, Y., Zhang, G., Song, J., Liang, Y., Xiao, J., Zhou, D., He, D., Hou, Y. (2020). Inflammatory mechanism of cerebral ischemia-reperfusion injury with treatment of stepharine in rats.

- Phytomedicine*, 79(May), 153353. Diakses dari <https://doi.org/10.1016/j.phymed.2020.153353>
- Higashi, Y., Kutchan, T. M., & Smith, T. J. (2011). Atomic structure of salutaridine reductase from the opium poppy (*Papaver somniferum*). *Journal of Biological Chemistry*, 286(8), 6532–6541. Diakses dari <https://doi.org/10.1074/jbc.M110.168633>
- Hsieh, T. J., Chang, F. R., Chia, Y. C., Chen, C. Y., Lin, H. C., Chiu, H. F., Wu, Y. C. (2001). The alkaloids of *Artabotrys uncinatus*. *Journal of Natural Products*, 64(9), 1157–1161. Diakses dari <https://doi.org/10.1021/np010036k>
- Harborne, J.B. (1987). *Metode Fitokimia*. Bandung: ITB
- Julianto, T. S. (2019). Fitokimia Tinjauan Metabolit Sekunder dan Skrining Fitokimia. In *Journal of Chemical Information and Modeling* (Vol. 53, Issue 9).
- Kousalya, P., Doss, V. A. (2020). Assessment of phytochemicals and quantification of primary and secondary metabolites of *Artabotrys hexapetalus* (L.f.) Bhandari leaves. *International Journal of Research in Pharmaceutical Sciences*, 11(SPL4), 2099–2103. Diakses dari <https://doi.org/10.26452/ijrps.v11ispl4.4425>
- Lan, Y. H., Wang, H. Y., Wu, C. C., Chen, S. L., Chang, C. L., Chang, F. R., & Wu, Y. C. (2007). New constituents from stems of *Artabotrys uncinatus*. *Chemical and Pharmaceutical Bulletin*, 55(11), 1597–1599. Diakses dari <https://doi.org/10.1248/cpb.55.1597>
- Lestari, D. A., Fiqa, A. P. (2020). Environmental factors influence on flowering and fruiting period of selected essential oil plants from annonaceae. *Biodiversitas*, 21(3), 910–921.
- Li, H. T., Wu, H. M., Chen, H. L., Liu, C. M., & Chen, C. Y. (2013). The pharmacological activities of (-)-anonaine. *Molecules*, 18(7), 8257–8263. Diakses dari <https://doi.org/10.3390/molecules18078257>
- Li, Y., Yuan, B., Fu, J., Deng, S., Lu, X., (2013). Adsorption of alkaloids on ordered mesoporous carbon. *Journal of Colloid and Interface Science*, 408, 181–190. Diakses dari <https://doi.org/10.1016/j.jcis.2013.07.037>
- Mohan, S. K., Veeraraghavan, V. P., Balakrishna, J. P., Rengasamy, G., Rajeshkumar, S. (2020). Antidiabetic activity of methanolic extract of *Artabotrys suaveolens* leaves in 3T3-L1 cell line. *Journal of Pure and Applied Microbiology*, 14(1), 573–580. Diakses dari <https://doi.org/10.22207/JPAM.14.1.59>
- Morikawa, T., Okugawa, S., Manse, Y., Muraoka, O., Yoshikawa, M., & Ninomiya, K. (2019). Quantitative determination of principal aporphine

and benzylisoquinoline alkaloids due to blooming state in lotus flower (flower buds of *nelumbo nucifera*) and their hyaluronidase inhibitory activity. *Natural Product Communications*, 14(6). Diakses dari <https://doi.org/10.1177/1934578X19857834>

Noer, S., Pratiwi, R. D., Gresinta, E. (2018). Penetapan Kadar Senyawa Fitokimia (Tanin, Saponin dan Flavonoid) sebagai Kuersetin Pada Ekstrak Daun Inggu (*Ruta angustifolia L.*). *Jurnal Eksakta*, 18(1), 19–29. Diakses dari <https://doi.org/10.20885/eksakta.vol18.iss1.art3>

Nordin, N., Majid, N. A., Mohan, S., Dehghan, F., Karimian, H., Rahman, M. A., Ali, H. M., & Hashim, N. M. (2016). Cleistopholine isolated from *Enicosanthellum pulchrum* exhibits apoptogenic properties in human ovarian cancer cells. *Phytomedicine*, 23(4), 406–416. Diakses dari <https://doi.org/10.1016/j.phymed.2016.02.016>

Nurzaman, F., Djajadisastra, J., Elya, B. (2018). Identifikasi Kandungan Saponin dalam Ekstrak Kamboja Merah (*Plumeria rubra L.*) dan Daya Surfaktan dalam Sediaan Kosmetik. *Jurnal Kefarmasian Indonesia*, 8(2), 85–93. Diakses dari <https://doi.org/10.22435/jki.v8i2.325>

Nyandoro, S.S., Joseph, C.C., Nkunya, M.H.H., & Hosea, K.M.M. (2013). New antimicrobial, mosquito larvicidal and other metabolites from two *Artobotrys* species. *Natural Product Research*, 1–9. Diakses dari <https://doi.org/10.1080/14786419.2012.725397>

Puri, A. V. (2020). *Artobotrys Hexapetalus (L. F.) Bhandari*: a Plant With Enormous Biomedical Potential. *International Journal of Pharmacy and Pharmaceutical Sciences*, 12(6), 8–14. Diakses dari <https://doi.org/10.22159/ijpps.2020v12i6.37778>

Putri, R. T., Rugayah, R., Sedayu, A. (2015). Keanekaragaman, Deskripsi Dan Kunci Determinasi *Artobotrys* R. Br. (Annonaceae) Pulau Jawa Dan Kepulauan Sunda Kecil. *Bioma*, 11(2), 173. Diakses dari [https://doi.org/10.21009/bioma11\(2\).7](https://doi.org/10.21009/bioma11(2).7)

Rijai, Laode. (2016). Senyawa Glikosida Sebagai Bahan Farmasi Potensial Secara Kinetik. *J. Trop. Pharm. Chem.* Vol 3. No. 3. Diakses dari <https://doi.org/10.25026/jtpc.v3i3.109>

Shankar, P. D., Ananthi, P., & Basker, S. (2015). Phytochemical Screening and Antibacterial Efficacy of *Artobotrys hexapetalus*. *Research in Plant Biology*, 5(3), 10–13.

Somanawat, J., Talangsri, N., Deepolngam, S., & Kaewamatawong, R. (2012). Flavonoid and megastigmane glycosides from *Artobotrys hexapetalus* leaves. *Biochemical Systematics and Ecology*, 44, 124–127. Diakses dari <https://doi.org/10.1016/j.bse.2012.04.023>

- Tan, Kok Kwan., Khoo, Teng Jin., Wiart, Christophe. (2013). Phytochemical screening of *Artobotrys crassifolius* hook . F . & thomson (Annninaceae Juss.). *Innovare Journal of Ayurvedic Sciences*, 1(2), 14–17
- Tan, Kok Kwan, & Khoo, T. J. (2014). *In vitro antifungal activity of Artobotrys crassifolius Hook . f . & Thomson against clinical isolates of Candida species*. 2, 200–205.
- Tan, Kok Kwan., Wiart, Christophe. (2014). Botanical Descriptions, Ethnomedicinaland NonMedicinal Uses of the Genus *Artobotrys* R.Br. *International Journal of Current Pharmaceutical Research* vol. 6
- Tan, Kok Kwan, Khoo, T. J., Rajagopal, M., & Wiart, C. (2015). Antibacterial alkaloids from *Artobotrys crassifolius* Hook.f. & Thomson. *Natural Product Research*, 29(24), 2346–2349. Diakses dari <https://doi.org/10.1080/14786419.2015.1013954>
- Tan, K. K., Shipton, F., Nor Azman, N. S., Hossan, S., Jin, K. Ten., Wiart, C. (2016). Cytotoxic aporphines from *Artobotrys crassifolius*. *Natural Product Communications*, 11(3), 389–392.
- Teo, L.E., Pachiaper, G., Chan, K.C., Hadi, H.A., Weber, J.F., Deverre, J.R., David, B., Sevenet, T., (1990). A new phytochemical survey of Malaysia V. Preliminary screening and plant chemical studies. *Journal of Ethnopharmacology*, 28(1), 63–101.
- Tian-yang., Wang., Qing Li., Kai-shun Bi. (2018). Bioactive flavonoids In Medicinal Plants: Structure, Activity And Biological Fateasian. *Journal Of Pharmaceutical Sciences*, 13, 12–23
- Turner, I. M. (2001). Annonaceae of the Asia-Pacific region: names, types and distributions, *Gardens' Bulletin Singapore* 70 (1): 409–744
- Xi, F. M., Liu, Y. B., Qu, J., Li, Y., Tang, Z. H., Li, L., Li, Y. H., Chen, X. G., Ma, S. G., & Yu, S. S. (2017). Bioactive sesquiterpenoids from the roots of *Artobotrys hexapetalus*. *Tetrahedron*, 73(5), 571–582. Diakses dari <https://doi.org/10.1016/j.tet.2016.12.043>
- Xi, F. M., Ma, S. G., Liu, Y. B., Li, L., & Yu, S. S. (2016). Artaboterpenoids A and B, Bisabolene-Derived Sesquiterpenoids from *Artobotrys hexapetalus*. *Organic Letters*, 18(14), 3374–3377. Diakses dari <https://doi.org/10.1021/acs.orglett.6b01519>
- Yang, X., Gao, X., Cao, Y., Guo, Q., Li, S., Zhu, Z., Zhao, Y., Tu, P., & Chai, X. (2018). Anti-Inflammatory Effects of Boldine and Reticuline Isolated from Litsea cubeba through JAK2/STAT3 and NF- κ B Signaling Pathways. *Planta Medica*, 84(1), 20–25. Diakses dari <https://doi.org/10.1055/s-0043-113447>

- Ye, L. H., He, X. X., You, C., Tao, X., Wang, L. S., Zhang, M. Di, Zhou, Y. F., & Chang, Q. (2018). Pharmacokinetics of nuciferine and N-nornuciferine, two major alkaloids from *Nelumbo nucifera* leaves, in rat plasma and the brain. *Frontiers in Pharmacology*, 9(AUG), 1–7. Diakses dari <https://doi.org/10.3389/fphar.2018.00902>
- You, M., Mahinda Wickramaratne, D. B., Silva, G., Chai, H., Chagwedera, T., Farnsworth, N., Cordell, G., Kinghorn, A., & Fezzuto, J. (1995). Multidrug-Resistance Phenotype With Cultured Cells. *Journal of Natural Products*, 58(4), 598–604.
- Zahari, A., Ablat, A., Omer, N., Nafiah, M. A., Sivasothy, Y., Mohamad, J., Khan, M. N., & Awang, K. (2016). Ultraviolet-visible study on acidbase equilibria of aporphine alkaloids with antiplasmodial and antioxidant activities from *Alseodaphne corneri* and *Dehaasia longipedicellata*. *Scientific Reports*, 6(February). Diakses dari <https://doi.org/10.1038/srep21517>
- Zhou, Q., Fu, Y. H., Li, X. B., Chen, G. Y., Wu, S. Y., Song, X. P., Liu, Y. P., & Han, C. R. (2015). Bioactive benzylisoquinoline alkaloids from *Artobotrys hexapetalus*. *Phytochemistry Letters*, 11, 296–300. Diakses dari <https://doi.org/10.1016/j.phytol.2015.01.017>