

## DAFTAR PUSTAKA

- Abriyani, E., Putri, N. S., Rosidah, R. S. N., & Ismanita, S. S.. Analisis Kafein Menggunakan Metode Uv-Vis: Tinjauan Literatur. *Jurnal Pendidikan Dan Konseling*, 4 (2022): p 12732–12739.
- Akhtar, Mohammad, Maikiyo, Aliyu Muhammad, Khanam, Razia, Mujeeb, Mohd, Aqil, Mohd, Najmi, Abul Kalam. 2012 “Ameliorating effects of two extracts of *Nigella sativa* in middle cerebral artery occluded rat”. *Journal of Pharmacy and Bioallied Sciences* 4 (2012): p 70–75
- Amaliawati, Listia Dewi, 2024. Aktivitas Antidiabetes Ekstrak Campuran Daun Gaharu (*Aquilaria malaccensis* Lamk.), Teh (*Camellia sinensis* (L.) Kuntze) Hitam, dan Jahe Merah (*Zingiber officinale* var. *rubrum* Theilade) Secara *In Vitro* dan *In Silico*. UGM. P 1-7
- Azmi N., Syartinilia, dan Mulyani YA. 2016. Model distribusi spasial habitat Elang Jawa (*Nisaetus bartelsi*) yang tersisa di Jawa Barat. *Media Konservasi*. 21:9–18.
- Bamosa, Abdullah O. 2010. Effect Of *Nigella sativa* On The Glycemic Control Of Parients Wit Type 2 Diabetes Melitus. *Indian Jurnal Physiolo And Pharmacol* 54 (4). p 344-354.
- Baynes HW. 2015 .Classification, pathophysiology, diagnosis, and management of diabetes mellitus. *Diabetes Metab.*;6(5):1-9.
- Benhaddou-Andaloussi, Ali, Martineau, Louis, Vuong, Tri, Meddah, Bouchra, Madiraju, Padma, Settaf, Abdellatif, Haddad, Pierre S. 2011. The In Vivo Antidiabetic Activity of *Nigella sativa* Is Mediated through Activation of the AMPK Pathway and Increased Muscle Glut4 Content. *Evidence Based Complementary And Alternative Medicine* (1):538671. p 1-7
- Bhutkar, M.A., S.D. Bhinge, D.S. Randive, G.H. Wakar, and S.S. Todkar. 2018. Screening of In vitro Hypoglycemic Activity of *Muraya koenigii* and *Catharanthus*. *As Pharmaceutica*, 59(3): p 145-151
- Chung, R C K and Purwaningsih. 1999. *Plant Resources Of South Eastr Asia No 19: Essential-oil Plants*. Chapter: *Aquilaria malaccensis* (Thymelaeaceae). Backhuys Publisher. Leiden. p 64-67
- Dipiro, J. T., Talbert, R. L., Yee, G.C., Matzke, G.R., Wells, B.G., Posey, L.M. (2005). *Pharmacotherapy: A Pathophysiologic Approach*. New York: McGraw-Hill Companies, Inc. p 1205-1244
- Feng, J., Yang, X.W., Wang, R.F., 2011. Bio-assay guided isolation and identification of  $\alpha$ -glucosidase inhibitors from the leaves of *Aquilaria sinensis*. *Phytochemistry* 72. p 242–247.
- Hendra, H., S. Moeljopawiro, and T.R. Nuringtyas. 2016. Antioxidant and Antibacterial Activities of Agarwood (*Aquilaria malaccensis* Lamk.)Leaves. *AIP Conference Proceedings*
- Hosseini, Mahmoud, Zakeri, Samaneh, Khoshdast, Sadieh, Yousefian, Fatemen T, Rastegar, Monireh, Vafae, Farzaneh, Kahdouee, Shamsii, Ghorbani, Fatemeh, Rakhshandeh, Hassan, Kazemi, S Abolfazl. 2012. “The effects of *Nigella sativa* hydro-alcoholic extract and thymoquinone on lipopolysaccharide - induced depression like behavior in rats”. *Journal of Pharmacy and Bioallied Sciences* 4(3): p 219.
- Hutami, D.R. 2020. Aktivitas Antidiabetes Ekstrak Daun Gaharu *Gyrinops versteegii* (Gilg.) Domke Secara In Vitro dan In Silico (skripsi). Universitas Gadjah Mada. Yogyakarta. p 17-23.
- Irawan, A. (2019). Kalibrasi Spektrofotometer Sebagai Penjaminan Mutu Hasil Pengukuran dalam Kegiatan Penelitian dan Pengujian. *Indonesian Journal of Laboratory*, 1(2), p 1–2.



- ITIS. 2011. *Aquilaria malaccensis* Lam.  
[https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=845890#null](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=845890#null). Diakses 1 Oktober 2021 pukul 14.25.
- ITIS. 2011. *Nigella sativa*.  
[https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=506592#null](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=506592#null). Diakses 1 Oktober 2021 pukul 14.55.
- Kaur N, Kumar V, Nayak SK, Wadhwa P, Kaur P, Sahu SK. 2021. Alpha-amylase as molecular target for treatment of diabetes mellitus: a comprehensive review. *Chemical Biology and Drug Design*. 98(4) p: 539–560.
- Margono, R. S., & Sumiati, T. (2019). Potensi Tanaman Indonesia sebagai Antidiabetes melalui Mekanisme Penghambatan Enzim  $\alpha$ -glukosidase. *Jurnal Farmamedika (Pharmamedika Journal)*, 4(2), 86-92.
- Marianne, Popo Patilaya, Bobby Trianda Barus, 2018, Uji Aktivitas Antioksidan Kombinasi Ekstrak Etanol Rimpang Temu Giring (*Curcuma Heyneana*) dan Daun Pugun Tanah (*Curanga Fel-Terrae*) Menggunakan Metode Diphenyl Picrylhydrazil(DPPH). *TM Conference Series* 02. P 402-403.
- Marieta L.C. Passos, M. Lúcia M.F.S. Saraiva. 2019. Detection in UV-visible spectrophotometry: Detectors, detection systems, and detection strategies, *Measurement*, Volume 135, Pages 896-904, ISSN 0263-2241, <https://doi.org/10.1016/j.measurement.2018.12.045>
- Mega, I.M. dan D.A. Swastini. 2010. Screening Fitokimia dan Aktivitas Antiradikal Bebas Metanol Daun Gaharu (*Gyrinops versteegii*). *Jurnal Kimia*, 4(2): p 187-192.
- Mei, Q., Li, H., Lin, H., Wu, X., Liang, L., Yang, H., Lan, Z., 2013. Comparative study on hypoglycemic effect between *Aquilaria sinensis* leaves and agarwood. *Lishizhen Med. Mat. Med. Res.* 24, 1606–1607.
- Nguyen Huy Truong, Min Jung-Eun, Long Nguyen Phuoc, Thanh Ma Chi, Le Thi Hong Van, Lee Jeongmi, Park Jeong Hill, Kwon Sung Won. 2017. Multi-platform metabolomics and a genetic approach support the authentication of agarwood produced by *Aquilaria crassna* and *Aquilaria malaccensis*. *Journal of Pharmaceutical and Biomedical Analysis* 142. P 136-144.
- Pascual, M.E., M.E. Carretero, K.V. Slowing, and A. Villar. 2002. Simplified Screening By TLC Of Plant Drugs. *Pharmaceutical Biology*, 40(2): p 139- 143.
- Perveen, Tahira, Haider, Saida, Kanwal, Sumera, Haleem, Darakhshan Jabeen. 2009. Repeated Administration Of *Nigella sativa* Decreases 5-HT Turnover And Produces Anxiolytic Effects In Rats. *Pakistan Journal Of Pharmaceutical Sciences* 4 (1). p 70-75.
- Rachmatiah T, Nurvita H, Rizna Triana D. Potensi Antidiabetes Pada Tumbuhan Petai Cina (*Leucaena leucocephala* (Lam ). De Wit ).ISSN 1410-7104 2015;25(1):p 115–8
- Rajsekhar, Sahadan & Kuldeep, Bhupendar. 2011. Pharmacognosy and Pharmacology of *Nigella sativa* – A Review. *International Research Journal of Pharmacy* 2, no. 11. Chhattisgarh Dental College and Research Institute. India. p 36–39.
- Said, F., Kamaluddin, M.T., Theodorus, 2016. Efficacy of the *Aquilaria malaccensis* leaves active fraction in glucose uptake in skeletal muscle on diabetic wistar rats. *Int. Journal Health Sci. Res.* 6. p 162–167. Vol 4 No 1. : p 44
- Socfindoconservation. 2025. <https://www.socfindoconservation.co.id/plant/594>. Diakses 14 Juli 2025 pukul 12.34.
- Tadera K, Minami Y, Takamatsu K, Matsuoka T. 2006. Inhibition Of  $\alpha$ -glucosidase and  $\alpha$ -amylase By Flavonoids. *J Nutr Sci Vitaminol* 52. p 149- 153
- Watcharachaisoponsiri T, Sornchan P, Charoenkiatkul S, Suttisansanee U. The  $\alpha$ -glucosidase and  $\alpha$ -amylase inhibitory activity from different chili pepper extracts. *Int Food Res J.* 2016;23(4):1439- 45.
- Wild, Sarah, Roglic, Gokja, Green, Anders, Sicree, Richard, King, Hilary. 2004. Global prevalence of diabetes: estimates for the year 2000 and projections for 2030.



Diabetes Care 2004;27(5) : p 1047-1053.

Yuniarto, Ari dan Selfiana, Nita. 2018. Aktivitas Inhibisi Enzim Alfa-glukosidase Dari Ekstrak Rimpang Bangle (*Zingiber cassumunar* Roxb.) Secara In vitro. Media Pharmaceutica Indonesia Vol 2 No 1. Bandung. p 22-24

Yunita, Ema Pristi, Pangestika, Rizta Widya, Triastuti, Efta. 2017. Pengaruh Nanopartikel PLGA *Nigella sativa* Dalam Menurunkan Radikal Bebas Malondialdehida Hepar Tikus Model DM Tipe 2. Majalah Kesehatan FKUB. P 44-49