

DAFTAR PUSTAKA

- Abu Bakar M.F., Sanusi S.B., Abu Bakar F.I., Cong O.J, Mian Z, 2017, Physicochemical and antioxidant potential of raw unprocessed honey from malaysian stingless bees, *Pakistan Journal of Nutrition*, 16(11), 888–894.
- Abriyani, E., Putri, N.S., Rosidah, R., S., N., Ismanita, S., S., 2022, Analisis Kafein Menggunakan Metode UV-Vis, *Tinjauan Literatur, Jurnal Pendidikan dan Konseling*, Vol. 4 Nomor 6.
- Adalina, Y., 2018, Analisis habitat koloni lebah hutan apis dorsata dan kualitas madu yang dihasilkan dari kawasan hutan dengan tujuan khusus (KHDTK) rantau, kalimantan Selatan, *Jurnal Penelitian Hutan Dan Konservasi Alam*, 15(1).
- Adalina, Y., Kusmiati, E., Pudjiani, M., 2020, Phytochemical test and physical chemical properties of rubber honey from three types of bees (*Apis mellifera*, *Apis dorsata* and *Trigona itama*), *IOP Conf. Ser Earth Environ Sci*, 935, 012007.
- Adalina, Y., Mulyati, A., H., Oktasari, D., Prayoga, P., 2024, Physico-chemical properties of multifloral honey *Apis dorsata* and monofloral honey of bees *Apis mellifera*, *The 4th International Conference on Tropical Silviculture, IOP Conf. Series: Earth and Environmental Science*, 1315, 012065.
- Aini, S., N., Susanto, H., Tambun, S., H., Noya A., T., 2022, Uji Aktivitas Antioksidan pada Beberapa Jenis Madu Monofloral Spesies Lebah Apis *Mellifera* dengan Metode DPPH dan FRAP, *Sainsbertek Jurnal Ilmiah Sains dan Teknologi*, Vol 2 No. 2-Farmasi.
- Attanzio A., Tesoriere L., Allegra M., Livrea M.A., 2016, Monofloral honeys by Sicilian black honeybee (*Apis mellifera* ssp. *sicula*) have high reducing power and antioxidant capacity, *Heliyon*, 2: e00193.
- Badan Standarisasi Nasional, 2018, Standar nasional Indonesia (SNI) 8664:2018 madu, www.bsn.go.id.
- Baloš M.M.Z., Popov N.S., Radulović J.Z.P., Stojanov I.M., Jakšić S.M., 2020, Sugar Profile of Different Floral Origin Honeys from Serbia, *J. Apic. Res.*, 59:398–405.
- Becerril-Sánchez A.L., Quintero-Salazar, B., Dublán-García, O., Escalona-Buendía, H., B., 2021, Phenolic Compounds in Honey and Their Relationship with Antioxidant Activity, Botanical Origin, and Color, *Antioxidant (Basel)*, 10(11): 1700.

- CiAnciosi, D., Forbes-Hernández, T.Y., Afrin, S., Gasparini, M., Reboredo-Rodriguez, P., Manna, P.P., Zhang, J., Bravo Lamas, L., Martínez Flórez, S., Agudo Toyos, P. and Quiles, J.L., 2018, Phenolic compounds in honey and their associated health benefits: A review. *Molecules*, 23(9), p.2322.
- Chairunnisa, S., Wartini, N. M., & Suhendra, L., 2019, Pengaruh suhu dan waktu maserasi terhadap karakteristik ekstrak daun bidara (*Ziziphus mauritiana* L.) sebagai sumber saponin, *Jurnal Rekayasa dan Manajemen Agroindustri*, 7(4), 551–560.
- Chua L.S., Lee J.Y., Chan G.F., 2013, Honey protein extraction and determination by mass spectrometry. *Anal. Bioanal. Chem*, 405:3063–3074.
- Da Silva, P. M., Gauche, C., Gonzaga, L. V., Costa, A. C. O., Fett, R., 2016, Honey: chemical composition, stability and authenticity. *Food Chemistry*, 309–323.
- Djakaria SA, Batubara I, Raffiudin R., 2020, Antioxidant and antibacterial activity of selected Indonesian honey against bacteria of acne, *J. Kim. Sains dan Apl.*, 23(8):267–75.
- El-Senduny, F. F., Hegazi, N.M., Abd Elghani, G.E., Farag, M.A., 2021, Manuka honey, a unique mono-floral honey. A comprehensive review of its bioactives, metabolism, action mechanisms, abereand therapeutic merits, *Food Bioscience* 42: 101038.
- Evahelda E., Pratama F., Malahayati N., Santoso B., 2017, Sifat fisik dan kimia madu dari nectar pohon karet di Kabupaten Bangka Tengah, Indonesia, *Agritech*, 37(4), 363–368.
- Handayani, S., Kurniawati, I., Abdul Rasyid, F., 2020, Uji Aktivitas Antioksidan Ekstrak Daun Karet Kebo (*Ficus Elastica*) dengan Metode Peredaman Radikal Bebas DPPH (1,1-Diphenyl-2-Picrylhydrazil), *Jurnal Farmasi Galenika*, 6 (1), 141–150.
- Handayani, T.R., Budiman, M.A., Amalia L.R., Pribadi, A., Elfirta R.R., Ferdian, P.R., 2022, Aktivitas Antioksidan, Total Fenolik, dan Total Flavonoid Madu Apis mellifera dari Hutan Akasia (*Accacia crassicarpa*) Riau, Indonesia dengan Beberapa Perlakuan Pengeringan, *Jurnal Biologi Indonesia*, 18(2): 231-243.
- Handoyo, D. L. Y., 2020, Pengaruh Lama Waktu Maserasi (Perendaman) Terhadap Kekentalan Ekstrak Daun Sirih (Piper Betle) The Influence Of Maseration Time (Immeration) On The Vocity Of Birthleaf Extract (Piper Betle), *Jurnal Farmasi Tinctura*, 2(1), 34–41.

- Hasan, AEZ, Herawati, H., Purnomo, Amalia L., 2020, Fisikokimia madu multiflora asal Riau dan potensinya sebagai antibakteri *Escherichia coli* dan *Staphylococcus aureus*, *Chem. Prog*, 13(2), 81–90.
- Ibrahimi H, Hajdari A., 2020, Phenolic and Flavonoid content, and antioxidant activity of honey from Kosovo, *J Apic Res.*, 59(4):452–7.
- Irianti, T., T., Kuswandi, Nuranto, S., Purwanto, 2017, Antioksidan, *UGM Press*, Yogyakarta.
- Juniarti, P.I., 2019, Pengenalan koloni lebah madu, Dinas Lingkungan Hidup dan Kehutanan Provinsi Daerah Istimewa Yogyakarta, <https://dlhk.jogjaprov.go.id/pengenalan-koloni-lebah-madu>.
- Nascimento, Kelly & Gasparotto Sattler, José & Lauer, Luciene & González, Carol & Pereira de Melo, Illana & Araújo, Elias & Granato, Daniel & Sattler, Aroni & Almeida-Muradian, Ligia, 2018, Phenolic compounds, antioxidant capacity and physicochemical properties of Brazilian *Apis mellifera* honeys, *LWT- Food Science and Technology*, 91. 85-94.
- Nuralyza, I., Ananta, N. F., Humaira, A. F., Sausan, S., Solehah, K., Hidayat, L. H., Aini, S. R., Hasina, R., & Pratama, I. S., 2024, Standardisasi parameter spesifik dan non spesifik ekstrak air propolis lebah madu *Trigona* sp. asal Lombok Utara, *LPPM Universitas Mataram*, Volume 6, Januari 2024, E-ISSN: 2774-8057.
- Nurkhasanah, Bachri, S., M., dan Yuliana, S., 2023, Antioksidan dan Stres Oksidatif, *UAD Press*, Yogyakarta.
- Nguyen, H.T.L.; Kasapis, S.; Mantri, N., 2021, Physicochemical Properties and Effects of Honeys on Key Biomarkers of Oxidative Stress and Cholesterol Homeostasis in HepG2 Cells, *Nutrients*, 13, 151.
- Mahani, Savitri, S. R., Subroto, E., 2022, Hubungan kadar flavonoid dan aktivitas antioksidan madu dari berbagai provinsi di Indonesia, *Jurnal Sains Dan Teknologi Pangan*, 7(4), 5255–5268.
- Maryam, St, Muzakkir Baits, Ainun Nadia, 2015, Pengukuran Aktivitas Antioksidan Ekstrak Etanol Daun Kelor (*Moringa Oleifera* Lam.) Menggunakan Metode Frap (Ferric Reducing Antioxidant Power), *Jurnal Fitofarmaka Indonesia*, vol. 2, no. 2, 2015, pp. 115-118.
- Mračević S.Đ., Krstić M., Lolić A., Ražić S., 2020, Comparative study of the chemical composition and biological potential of honey from different regions of Serbia, *Microchem. J*, 152:104420.

- Mehretie, S., Al Riza, D, F., Yoshito, S., Kondo, N., 2018, Classification of raw Ethiopian honeys using front face fluorescence spectra with multivariate analysis, *Food Control*. 84, 83–88.
- Mukhriani, 2014, Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif. *Jurnal Kesehatan*, VII(2), 361–367.
- Mu'nisa A., 2023, Antioksidan pada Tanaman dan Peranannya Terhadap Penyakit Degeneratif, *Brilian Internasional Surabaya*, 5-12.
- Mustafa, P. S., 2023, Tinjauan literatur analisis uji R berganda dan uji lanjut dalam statistik inferensial pada penelitian pendidikan jasmani, *Jurnal Ilmiah Wahana Pendidikan*, 9(5), 571–593.
- Park S.H., Kim Y.K., Kim M.S., Lee S.H., 2020, Antioxidant and antibacterial properties of hovenia (*hovenia dulcis*) monofloral honey produced in South Korea, *Food Science of Animal Resources*, 40(2): 221– 230.
- Pavlova, T., Kalevska, T., Dimov, I., Nakov, G., 2018, Quality characteristics of honey: A Review. *Proceedings of University of Ruse*, volume 57, book 10.2, 31–37.
- Puscas, A., Hosu, A., Cimpoiu, C., 2013, Application of a newly developed and validated high-performance thin-layer chromatographic method to control honey adulteration, *J. Chromatogr. A.*, 1272, 132–135.
- Putri, A. M., 2020, Perbandingan aktivitas antioksidan terhadap biji bunga matahari (*Helianthus annuus* L.) dengan tumbuhan lainnya, *Journal of Research and Education Chemistry (JREC)*, 2(2), 183-189.
- Rudiana, T., Indriatmoko, D., & Komariah, 2020, Aktivitas antioksidan kombinasi ekstrak etanol daun salam (*Syzygium polyanthum*) dan daun kelor (*Moringa oleifera*), *Molekul: Jurnal Kimia dan Pendidikan*, 15(2), 71–77.
- Sayuti, K.,Yenrina R., 2015, Antioksidan Alami dan Sintetik, *Andalas Univesity Press*, Padang.
- Sami, F. J., Nur, S., Kursia, S., Gani, S., A., Sidupa, T., R., 2017, Uji aktivitas antioksidan dari beberapa ekstrak kulit Batang Jamblang (*Syzygium cumini*) menggunakan metode Peredaman Radikal 2,2 Diphenyl-1-Picrylhydrazyl (DPPH), *Jurnal Farmasi UIN Alauddin Makassar*, 4(4), pp. 130–138.
- Silvestrini A., Meucci E., Ricerca B.M., Mancini A., 2023, Total Antioxidant Capacity: Biochemical Aspects and Clinical Significance, *International Journal of Molecular Sciences*, 24(13):10978.

- Soural I., Švestková P., Híc P., Balík J., 2022, Different values obtained by the FRAP method for the determination of slowly and rapidly reacting phenols, *Acta Aliment*, 51(1):84–92.
- Suedy, S. W. A., & Savitri, N. P. T., (2024), Melisopalinologi madu dari Temanggung, *Buletin Anatomi dan Fisiologi*, 9(1), 93–101.
- Suhandy, D., Yulia, M., Kusumiyati, K., 2020, Klasifikasi madu berdasarkan jenis lebah (*Apis dorsata* versus *Apis mellifera*) menggunakan spektroskopi ultraviolet dan kemometrika. *Jurnal Ilmu Pertanian Indonesia*, 25(4), 564–573.
- Suhaenah, A., Nuryanti, S., Abidin, Z., dan Rahman, F. H., 2023, Skrining Fitokimia Dan Uji Aktivitas Antioksidan Fraksi Etil Asetat Daun Karet Kebo (*Ficus elastica*) Dengan Menggunakan Metode Peredaman Radikal Bebas Dpph (2,2-Diphenyl-1- Picrylhydrazil), *As-Syifaa Jurnal Farmasi* ;15(1):20-.29.
- Sulistiyani, M., Mahatmanti, W., Huda, N., & Prasetyo, R., 2020, Optimization of Microplate Type UV-Vis Spectrophotometer Performance as an Antioxidant Activity Testing Instrument, *Indonesian Journal of Chemical Science*, 94.
- Tyagita, N., Safitri, A. H., & Widyawati, E., 2021, Penuaan dan stres oksidatif. *Fakultas Kedokteran Universitas Islam Sultan Agung*, Semarang.
- United States Pharmacopeia (USP), 2021, *United States Pharmacopeia and National Formulary (USP 44–NF 39)*, <857> Spectrophotometric Analysis, Rockville, MD: United States Pharmacopeial Convention.
- Wilanda, N., Hamidah, S., & Istikowati, W. T., 2024, Uji hidrosimetilfurfural (HMF), kadar air, dan kadar gula pada madu kelulut (*Heterotrigona itama*) berdasarkan masa simpan, *Jurnal Sylva Scientiae*, 7(4), 608–616.
- Wulansari, A.N., 2018, Alternatif Cantigi Ungu (*Vaccinium varingiaefolium*) sebagai Antioksidan Alami: Review, *Fakultas Farmasi Universitas Padjadjaran*, 16(2), 419-429.
- Yelin, A., Kuntadi, 2019, Phytochemical identification of honey from several regions in Java and Sumbawa, *AIP Conference Proceedings* 2120: 3–8.
- Žak N. & Wilczyńska A., The importance of testing the quality and authenticity of food products: The example of honey. *Foods*, 12(17), 3210.