

DAFTAR PUSTAKA

- Abdel-Haleem, S. A., Ibrahim, A. Y., Ismail, R. F., Shaffie, N. M., Hendawy, S. F., & Omer, E. A. (2017). In-vivo hypoglycemic and hypolipidemic properties of Tagetes lucida alcoholic extract in streptozotocin-induced hyperglycemic Wistar albino rats. *Annals of Agricultural Sciences*, 62(2), 169–181. <https://doi.org/10.1016/j.aoas.2017.11.005>
- Achakzai, A. K. K., Achakzai, P., Masood, A., Kayani, S. A., & Tareen, R. B. (2009). Response of plant parts and age on the distribution of secondary metabolites on plants found in quetta. *Pakistan Journal of Botany*, 41(5), 2129–2135.
- Acheampong, F., Larbie, C., Appiah-Opong, R., Arthur, F., &, & Tuffour, I. (2015). In vitro Antioxidant and Anticancer Properties of Hydroethanolic Extracts and Fractions of *Ageratum conyzoides*. 205–214.
- ADA. (2016). 3. Foundations of care and comprehensive medical evaluation. *Diabetes Care*, 39(January), S23–S35. <https://doi.org/10.2337/dc16-S006>.
- Agues, Goewin, 2009, Teknologi Bahan Alam (Serial Farmasi Industri-2) edisi revisi, Penerbit ITB, Bandung
- Aji, A., Bahri, S., & Tantalia, T. (2018). PENGARUH WAKTU EKSTRAKSI DAN KONSENTRASI HCl UNTUK PEMBUATAN PEKTIN DARI KULIT JERUK BALI (*Citrus maxima*). *Jurnal Teknologi Kimia Unimal*, 6 (1), 33. <https://doi.org/10.29103/jtku.v6i1.467>
- Alfinda NK, Nanik SA, Mulyadi T, Bambang K. Buku Ajaran Fitokimia. Surabaya: Airlangga University Press; 2008. Hal 19, 48- 49.
- Andreas M. Papas, 1999. Antioxidant Status, Diet, Nutrition and health. CRC Press.
Washington, D.C.
- Aouacheri, O., Saka, S., Krim, M., Messaadia, A., & Maudi, I. (2015). The Investigation of the Oxidative Stress-Related Parameters in

- Type2 Diabetes Mellitus. *Canadian Journal of Diabetes*, 39(1), 44–49. <https://doi.org/10.1016/j.jcjd.2014.03.002>
- Arifin, H., Anggraini, N., Handayani, D. & Rasyid, R. (2006). Standarisasi Ekstrak Etanol Daun Eugenia Cuminii Merr. *Journal Sains Teknologi Farmasi*, 11(2): 88-93. *J. Sains Tek. Far.*, 11(2), 88–93.
- Asmat, U., Abad, K., & Ismail, K. (2016). Diabetes mellitus and oxidative stress— A concise review. *Saudi Pharmaceutical Journal* (Vol. 24, Issue 5, pp. 547– 553). Elsevier B.V. <https://doi.org/10.1016/j.jsps.2015.03.013>.
- Babu, P.D. & Subhasree, R.S. Green Tea Cathechins and Cardiovascular Health: An Update. *Curr Med Chem*. 2013;15(18):1840-50.
- Bajaj, S., & Afreen, K. (2012). Mini review: Antioxidants and diabetes. *Indian Journal of Endocrinology and Metabolism*, 16(2), 267-271a.
- Bansal, A. K., & Bilaspuri, G. S. (2011). Impacts of oxidative stress and antioxidants on semen functions. *Veterinary Medicine International*, 2011. <https://doi.org/10.4061/2011/686137>
- Bayani, M., Ahmadi-Hamedani, M., & Javan, A. J. (2017). Study of hypoglycemic, hypcholesterolemic and antioxidant activities of Iranian *Mentha spicata* leaves aqueous extract in diabetic rats. *Iranian Journal of Pharmaceutical Research*, 16(December 2015), 75–82.
- Biswas, S., & Hossain, M. H. (2013). Antinociceptive and antioxidant potential of the crude ethanol extract of the leaves of *Ageratum conyzoides* grown in Bangladesh. <https://doi.org/10.3109/13880209.2013.770535>.
- Bosi, C. F., Rosa, D. W., Grougnet, R., Lemonakis, N., Halabalaki, M., Skaltsounis, A. L., & Biavatti, M. W. (2013). Pyrrolizidine alkaloids in medicinal tea of *Ageratum conyzoides*. *Revista Brasileira de Farmacognosia*, 23(3), 425–432. <https://doi.org/10.1590/S0102-695X2013005000028>
- Budiyanto, A. (2015). Potensi Antioksidan, Inhibitor Tirosinase, dan

Nilai Toksisitas dari Beberapa Spesies Tanaman Mangrove di Indonesia. Bogor: Intitute Pertanian Bogor.

Buyukbas S, Kursat U, Elif D, Kemal B, 2008. Oxidative Stress and Antioxidant Status in Bronchoalveolar Lavage Fluid, Plasma and Erythrocyte of Critically Mixed Ill With Respiratory Failure. Turkey. Eur J Gen Med, pp. 140-146.

Cahyanto, H. A. (2021). Standardisasi Simplisia dan Ekstrak Etanol Jahe Merah (*Zingiber officinale Rosch. var rubrum*) dari Lahan Gambut Kubu Raya,Kalimantan Barat Standardization. *Jurnal Borneo Akcaya*, 7(2), 49–55.

Chahal, R., Nanda, A., Akkol, E. K., Sobarzo- sánchez, E., Arya, A., Kaushik, D., Dutt, R., Bhardwaj, R., Rahman, M. H., & Mittal, V. (2021). *Ageratum conyzoides* L. And its secondary metabolites in the management of different fungal pathogens. In *Molecules* (Vol. 26, Issue 10). MDPI AG. <https://doi.org/10.3390/molecules26102933>

Clarkson, P. M., Thompson, H. S. 2000, Antioxidants: what role do they play in physical activity and health, *J. Clin Nutr. Biochem*, 72.: 637S-46S.

Cooper ME, Mundel P, and Boner G. Role of nephrin in renal disease including diabetic nephropathy. *Semin Nephrol* 22: 393–398, 2002.

Departemen Kesehatan RI, 1995, Farmakope Indonesia Edisi IV, 551, 713. Jakarta.

Departemen Kesehatan RI, 2000, Parameter Standar Umum Ekstrak Tumbuhan Obat, Cetakan Pertama, 3-11, 17-19, Dikjen POM, Direktorat Pengawasan Obat Tradisional.

Departemen Kesehatan Republik Indonesia, 2008, Farmakope Herbal Indonesia, Edisi I, Departemen Kesehatan Republik Indonesia, Jakarta.

Dewatisari, W. F., Rumiyanti, L., & Rakhmawati, I. (2018). Rendemen dan Skrining Fitokimia pada Ekstrak Daun Sansevieria sp. *Jurnal Penelitian Pertanian Terapan*, 17(3), 197-202.

- Djamal, R., 1990, Prinsip-prinsip Bekerja dalam Kimia Bahan Alam, FMIPA, UNAND, Padang.
- Erejuwa, O. (2012). Oxidative Stress in Diabetes Mellitus: Is There a Role for Hypoglycemic Drugs and/or Antioxidants?. 10, 217-246. <https://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics>.
- Fadillah, I., Aris, M., & Temarwut, F. F. (2021). Pengaruh Pemberian Ekstrak Metanol Herba Bandotan (*Ageratum conyzoides* L) Terhadap Gambaran Histologi Hati Mencit (*Mus musculus*). *Muhammad Aris, FITO, 12.* <http://journal.unpacti.ac.id/index.php/fito>
- Fahmi, N., Herdiana, I., & Rubiyanti, R. (2020). PENGARUH METODE PENGERINGAN TERHADAP MUTU SIMPLISIA DAUN PULUTAN (*Urena lobata* L.). *Media Informasi, 15*(2), 165–169. <https://doi.org/10.37160/bmi.v15i2.433>
- Fatmilia, Toemon, A. N., Lestarisa, T., Mutiasari, D., & Yeni, D. T. (2019). Potensi Antioksidan *Vitex pinnata* Linn Secara In Vivo. *Jurnal Pharmascience, 06*(01), 57–63. <https://ppjp.ulm.ac.id/journal/index.php/pharmascience>.
- Fitmawati dan Erwina Juliantari. (2017). Tanaman Obat Dari Semak Menjadi Obat. In *UR Press*.
- Fidzaro, 2010, Pengaruh Pemberian Ekstrak Biji Klabet (*Trigonella Foenum-Graecum* L) terhadap Kadar Glukosa Darah dan Gambaran Histologi Pankreas Mencit (*Mus Musculus*) yang Terpapar Streptozotocin, Skripsi UIN, hal 43
- Gamse, T. (2002). liquid extraction and solid-liquid extraction. *Institute of Thermal Process and Environmental Engineering, Graz University of Technology*, 2– 24.
- Gordon, A.; Cruz, A.P.G.; Cabral, L.M.C.; De Freitas, S.C.; Dib Taxi, C.M.A.; Donangelo, C.M.; Mattietto, R.A.; Friedrich, M.; Matta, V. M.; Marx, F. Chemical characterisation and evaluation of antioxidant properties of Açaí fruits (*Euterpe Oleracea* Mart.) during ripening. *Food Chem.*, 2012, 133, 256-263.

- Gupta, R. K., Patel, A. K., Shah, N., Chaudhary, A. K., Jha, U. K., Yadav, U. C., Gupta, P. K., & Pakuwal, U. (2014). Oxidative stress and antioxidants in disease and cancer: A review. In *Asian Pacific Journal of Cancer Prevention* (Vol. 15, Issue 11, pp. 4405–4409). Asian Pacific Organization for Cancer Prevention. <https://doi.org/10.7314/APJCP.2014.15.11.4405>.
- Hakim, A. (2016). Profile Number of Mice Takizoit after Treatment With AlkaloidFraction of *Alstonia scholaris* Leaves. *Journal of Islamic Pharmacy*, 1(1), 7. <https://doi.org/10.18860/jip.v1i1.3455>
- Harahap, N. S. (2014). Dampak stres oksidatif akibat aktifitas fisik terhadap siklus menstruasi atlet wanita. *Pengabdian Kepada Masyarakat*, 20(78), 89–96.
- Harborne, J.B., 1987, Metode Fitokimia: Penuntun Cara Modern Menganalisis Tumbuhan, edisi 2, diterjemahkan oleh Padmawinata, K., Penerbit ITB, Bandung, pp. 6.
- Harti, A., Of, T., Extract, E., & Coli, E. (2015). *UJI AKTIVITAS ANTIBAKTERI EKSTRAK ETANOL DAN EKSTRAK AIR DAUN BANDOTAN (AGERATUM CONYZOIDES , L .) TERHADAP STAPHYLOCOCCUS AUREUS DAN ESCHERICHIA COLI ANTIBACTERIAL ACTIVITY TEST OF ETHANOLIC EXTRACT AND WATER EXTRACT OF BANDOTAN LEAF (AGERATUM)*. 11(1), 290–293.
- Hilaliyah, R., Mangkurat, L., & Selatan, K. (2021). Pemanfaatan Tumbuhan Liar Bandotan (*Ageratum conyzoides* L.) sebagai Obat Tradisional dan Aktivitas Farmakologinya. In *BIOSCIENTIAE* (Vol. 18, Issue 1). <https://ppjp.ulm.ac.id/journals/index.php/bioscientiae>.
- IDF. (2017). International Diabetes Federation (IDF) Diabetes Atlas Eighth edition : International Diabetes Federation.
- Indraswari, A., 2008, Optimasi Pembuatan Ekstrak daun Dewandaru (*Eugenia uniflora* L) menggunakan Metode Maserasi dengan Parameter Kadar Total Senyawa Fenolik dan Flavonoid, Skripsi, Universitas Muhamadiyah Surakarta, Surakarta.

- Janero, D.R. 1990. Malondialdehyde and thiobarbituric acid-reactivity as diagnostic indices of lipid peroxidation and peroxidative tissue injury. *Free Radical Biology and Medicine* 9(6):515–540.
- Kementerian Pertanian RI. (2011). Pedoman Teknologi Penanganan Pascapanen Tanaman Obat. Kementerian Pertanian Republik Indonesia.
- Khoiroh, L. N. (2017). PENGARUH PEMBERIAN EKSTRAK TEH HIJAU (*Camellia sinensis* L.) TERHADAP KADAR MALONDIALDEHID (MDA) JANTUNG PADA MENCIT DIABETES YANG DIINDUKSI ALOKSAN. Skripsi, Bagian Farmasi Klinik Dan Komunitas Fakultas Farmasi Universitas Jember.
- Komang, M. S. W. N., Putu, T. N. L., & Nengah, A. I. (2014). Studi Pengaruh Lamanya Pemaparan Medan Magnet Terhadap Jumlah Sel Darah Putih (Leukosit) Pada Tikus Putih (*Rattus norvegicus*). *Buletin Fisika*, 15(1), 31– 38.
- Kotta, J. C., Lestari, A. B. S., Candrasari, D. S., & Hariono, M. (2020). Pharmaceutical Formulation of *Ageratum conyzoides* L.: A Review. <https://doi.org/10.1155/2020/6420909>.
- Kumawat M, Singh I, Singh N. *Lipid peroxidation and lipid profile in type 2 diabetes mellitus*. Webmed Central Biochem 2012;3:WMC003147.
- Kurniawan, H., Garchia, C. H., Ayucitra, A., & Antaresti. (2017). Jurnal Ilmiah Widya Teknik. *Ilmiah Widya Teknik*, 16(1), 26– 31.
- Larantukan, S. V. M., Setiasih, L. N. E., Widystuti, S. K., & et al. (2014). Pemberian Ekstrak Etanol Kulit Batang Kelor Glukosa Darah Tikus Hiperglikemia. *Indonesia Medicus Veterinus*, 3(4), 292–299.
- Lipinski, B., 2001. Pathophysiology of oxidative stress in diabetes mellitus. *J. Diabetes its Complications* 15 (4), 203–210.
- Lee, P. G., & Halter, J. B. (2017). The Pathophysiology of Hyperglycemia in Older Adults: Clinical Considerations. *Diabetes Care*, 40(4), 444–452. <https://doi.org/10.2337/DC16->

1732.

- Li, A. N., Li, S., Zhang, Y. J., Xu, X. R., Chen, Y. M., & Li, H. Bin. (2014). Resources and biological activities of natural polyphenols. *Nutrients*, 6(12), 6020–6047. <https://doi.org/10.3390/NU6126020>.
- Mangkoewidjojo, S. (1998). Pemeliharaan, Pembibakan, Penggunaan Hewan Percobaan di Daerah Tropis. Universitas Indonesia Press.
- Maritim, A. C., Sanders, R. A. & Watkins, J. B., 3rd (2003). Diabetes, oxidative stress, and antioxidants: a review. *J Biochem Mol Toxicol*, Vol. 17, No. 1, pp.24-38.
- Marks, A. D. and Smith, C. M. (2015) Biokimia Kedokteran Dasar. EGC.
- Martinus, B. A., & Verawati, V. (2016). PENENTUAN KADAR FLAVONOID TOTAL DAN AKTIVITAS ANTIOKSIDAN DARI EKSTRAK DAUN BANDOTAN (*Ageratum conyzoides* L.). *Scientia : Jurnal Farmasi Dan Kesehatan*, 5(1), 47. <https://doi.org/10.36434/scientia.v5i1.67>.
- Melissa & Mucharidi, M.2017. Review Senyawa Aktif Dan Manfaat Farmakologis *Ageratum Conyzoides*. Departemen Analisis Farmasi dan Kimia Medisinal, fakultas farmasi Universitas Padjadjaran. Jl raya Bandung Sumedang Jatinangor 45363.15(1). 200-212.
- Mentari, I. A., Wirnawati, W., & Putri, M. R. (2020). KARAKTERISASI SIMPLISIA DAN EKSTRAK DAUN BANDOTAN (*Ageratum conyzoides* L) SEBAGAI KANDIDAT OBAT KARIES GIGI. *Jurnal Ilmiah Ibnu Sina (JIIS): Ilmu Farmasi Dan Kesehatan*, 5(1), 1–9. <https://doi.org/10.36387/jiis.v5i1.346>
- Molyneux, P., 2004, The Use Of The Stable Free Radical Diphenyl Picrylhydrazyl For Estimating Antioxidant Activity, *J. Sci. Technol.*, 26: 211- 219.
- Moussa, S.A., 2008. Oxidative stress in diabetes mellitus. *Romanian J. Biophys.* 18(3), 225–236.

- Mulyani, Y., Fatwia, R., & Sutrisno, E. (2021). AKTIVITAS ANTIINFLAMASI EKSTRAK ETANOL Ageratum conyzoides (L.) L. dan Blumea balsamifera (L.) DC. DAN TOKSISITAS AKUT. *Media Informasi*, 16(1), 8–17. <https://doi.org/10.37160/bmi.v16i1.377>
- Necas, J. and Bartosikova, L. 2013. Carrageenan: A Review. *Veterinarni Medicina*. 58 (4): 187–205.
- Neha Wadhwa, Blessy B Mathew*, S. K. J. and A. T. (2012) Lipid peroxidation: Mechanism, models and significance, INT J CURR SCI, 3, pp. 2938
- Ningsih, Indah Yulia, 2016, Modul Saintifikasi Jamu (Penanganan Pasca Panen). Bagian Biologi Farmasi. Fakultas Farmasi Universitas Jember.
- Nomura, T., & Tajima, Y. (1982). Defined laboratory animals, advances in pharmacology and therapeutics II. Oxford Pergamon Press.
- Nyunaï, Nyemb, Njifutié Njikam, El Hassane Abdennebi, Joseph Tanyi Mbafor, and Driss Lamnaouer. 2009. “Hypoglycaemic And Antihyperglycaemic Activity of Ageratum Conyzoides L. in Rats.” *African Journal of Traditional, Complementary and Alternative Medicines* 6(2):123–130.
- Oyenihu, A. B., Ayeleso, A. O., Mukwevho, E., & Masola, B. (2015). Antioxidant strategies in the management of diabetic neuropathy. *BioMed Research International*, 2015. <https://doi.org/10.1155/2015/515042>.
- Parfati, N., Rani, K. C., & Jayani, N. I. E. (2018). Penyiapan Simplisia Kelor. *Fakultas Farmasi Universitas Surabaya*, 1–24.
- Patel, J. M. 2008. A review of potential health benefits of flavonoids. *Lethbridge Undergraduate Research Journal*. ISSN 1718- 8482.
- Pham-Huy LA, He H, & Pham-Huy C. 2008. *Free radicals, antioxidants in disease and health*. *International Journal of Biomedical Science*, 4(2),89-96.

- Prawitasari, D. S. (2019). Diabetes Melitus dan Antioksidan. *KELUWIH: Jurnal Kesehatan Dan Kedokteran*, 1(1), 48–52. <https://doi.org/10.24123/kesdok.v1i1.2496>
- Putri, R. N., & Waluyo, A. (2019). Faktor Resiko Neuropati Perifer Diabetik Pada Pasien Diabetes Melitus Tipe 2 : Tinjauan Literatur. *Jurnal Keperawatan Abdurrab*, 3(2), 17–25. <https://doi.org/10.36341/jka.v3i2.839>
- Rahardjani, Kamilah Budi. 2010. Hubungan antara Malondialdehyde (MDA) dengan Hasil Luaran Sepsis Neonatorum. *Jurnal Sari Pediatri*, 12 (2): 82- 87.
- Rahman, S., Kosman, R., & Rahmani, I. (2014). UJI AKTIVITAS ANTIOKSIDAN EKSTRAK ETANOL DAUN SIRSAK (*Annona muricata* L.) PADA TIKUS PUTIH (*Rattus norvegicus*) DIABETES MELITUS YANG DIINDUKSI ALOKSAN DENGAN PARAMETER MALONDIALDEHID (MDA). *As-Syifaa*, 06(01).
- Rahmawati, G, Rachmawati, FN, Winarsi, H 2014, Aktivitas superokksida dismutase tikus diabetes yang diberi ekstrak batang kapulaga dan glibenklamid, *Scripta Biologica*, vol.1, no.3, hlm. 197-201.
- Ridwan, E. (2013). Etika Pemanfaatan Hewan Percobaan dalam Penelitian Kesehatan. *J Indon Med Assoc*, 63(3), 112–116.
- Roreng, M.K., Palupi, N.S., Prangdimurti, E. (2014). Carotenoids From Red Fruit (*Pandanus Codoineus Lam*) Extract Are Bioavailable: A Study in Rat, *IOSR Journal of Pharmacy*, Vol 4, Issue 2 pp 11-16
- Rumput, D., Maria, S., Minyak, L. P., Bangol, E., Momuat, L. I., & Abidjulu, J. (2004). AKTIVITAS ANTIOKSIDAN EKSTRAK ETANOL DAN n- HEKSANA DARI ANTIOXIDANT ACTIVITY OF THE ETHANOL AND n-HEXANE EXTRACTS OF LEAVES OF GRASS SANTA MARIA (*Artemisia vulgaris* L.) IN FISH OIL.
- Santos, R. F., Nunes, B. M., Sá, R. D., Soares, L. A. L., & Randau, K. P. (2016). Morpho-anatomical study of *Ageratum conyzoides*. *Revista Brasileira de Farmacognosia*, 26(6), 679–687.

<https://doi.org/10.1016/j.bjp.2016.07.002>

- Sarker S.D., Latif Z., dan Gray A.I., 2006, Nat-ural products isolation. In: Sarker SD, Latif Z, & Gray AI, editors. Natural Products Isolation. 2nd ed. Totowa(New Jersey). Humana Press Inc. 18: 6-10.
- Sari, W. M., Wahdaningsih, S., & Untari, E. K. (2014). Efek Fraksi n-Heksana Kulit *Hylocereus polyrhizus* Terhadap Kadar Malondialdehida Tikus Stres Oksidatif. *Pharmaceutical Sciences and Research*, 1(3), 154–165. <https://doi.org/10.7454/psr.v1i3.3487>
- Shabur Julianto, T. (2019). Fitokimia Tinjauan Metabolit Sekunder dan SkriningFitokimia.
- Shekhar, C. T. & Anju, G. (2015). Antioxidant Activity by DPPH Radical Scavenging Method of *Ageratum conyzoides*. January 2014.
- Shinta, A., & Kusuma, W. (2015). *The Effect of Ethanol Extract of Soursop Leaves (Annona muricata L.) to Decreased Levels of Malondialdehyde*. J Majority |,4, 14.
- Silalahi, M. (2019). *Agerantum Conyzoides L. (PEMANFAATAN SEBAGAI OBAT DAN BIOAKTIVITASNYA)*. *Jurnal Dinamika Pendidikan*, 11(3), 197. <https://doi.org/10.33541/jdp.v11i3.891>.
- Silalahi, M. (2014). The ethnomedicine of the medicinal plants in sub-ethnic Batak, North Sumatra and the conservation perspective, dissertation. Indonesia: Universitas Indonesia.
- Sineke *et al.* 2016. Penentuan Kandungan Fenolik Dan Sun Protection Factor (Spf) Dari Ekstrak Etanol Dari Beberapa Tongkol Jagung (*Zea Mays L.*). PHARMACONJurnal Ilmiah Farmasi – UNSRAT Vol. 5 No. 1. Hal. 275-283
- Soares, E., Nunes, S., Reis, F., & Pereira, F. C. (2012). Diabetic encephalopathy: The role of oxidative stress and inflammation in type 2 diabetes. *InternationalJournal of Interferon, Cytokine and Mediator Research*, 4(1), 75–85. <https://doi.org/10.2147/IJICMR.S29322>.

- Sumarny, R. O. S., Nurhidayati, L., Sofiah, S., & Sumiyati, Y. (2015). Efek Antioksidan Larutan Kosolven Ekstrak Kulit Buah Manggis (*Garcinia mangostana* L.) pada Tikus dengan Parameter MDA dan SOD (*Antioxidant Effect of Cosolvent Solution of Mangosteen (Garcinia mangostana L.) Rind Extract in Rats by Using MDA and SOD P.* 13 (1), 35–39.
- Tandi, J. (2017). PENGARUH EKSTRAK ETANOL DAUN JAMBU AIR (*Syzygium aqueum* (Burm f. Alston) TERHADAP GLUKOSA DARAH,UREUM DAN KREATININ TIKUS PUTIH (*Rattus norvegicus*). *Journal Of Tropical Pharmacy And Chemistry*, 4(2), 43–51. <https://doi.org/10.25026/jtpc.v4i2.137>.
- Tangvarasittichai, S. (2015). Oxidative stress, insulin resistance, dyslipidemia and type 2 diabetes mellitus. *World Journal of Diabetes*, 6(3), 456. <https://doi.org/10.4239/wjd.v6.i3.456>
- Turisman, Ardiningsih, P., dan Nofiani, R. (2012). Total Fenol Fraksi Etil Asetat dari Buah Asam Kandis (*Garcinia dioica* Blume). *JKK*, 1, 45-48.
- Valko M. 2006. Free radical, metal, and antioxidant in oxidative stress induced cancer. *J Chem Biol.*(160): 1-40.
- Vásquez-Garzón VR, Arellanes-Robledo J, García-Román R, Aparicio-Rautista DI, Villa-Treviño S. Inhibition of reactive oxygen species and pre-neoplastic lesions by quercetin through an antioxidant defense mechanism. *Free Radic Res* 2009;43:128-37
- Wang J, Wang J, Li Q, Zhang P, Yuan P, Ma F. Young Breast Cancer Patients Who Develop Distant Metastasis After Surgery Have Better Survival Outcomes Compared With Elderly Counterparts. *Impact Journal. Oncotarget.* 2017;8(27):44851–9.
- Wardhani. (2016). Uji Aktivitas Antidiabetes Ekstrak Kering Biji Mahoni Terstandar (*Swietenia mahagoni* Jacq) pada Mencit yang diinduksi aloksan. Skripsi Farmakognosi dan Fitokimia.
- Wulandari, L. (2011). Kromatografi Lapis Tipis. In *Taman Kampus Presindo*.

- Yuriska, A. 2009. Efek aloksan terhadap kadar glukosa darah tikus wistar. Fakultas Kedokteran Universitas Diponegoro. Skripsi
- Yusuf, M. (2013). KADAR MALONDIALDEHID (MDA) PADA KEJADIAN DISMENORE PRIMER. Skripsi, Departemen Ostetri Dan Ginekologi Fakultas Kedokteran Universitas Sumatera Utara RSUP. H. ADAM MALIK MEDAN.
- Zahra, L. F. (2021). TATALAKSANA PEMBERIAN GLIBENCLAMIDE DAN PENGUKURAN KADAR GULA DARAH PADA TIKUS PERCOBAAN DI RSHP FKH IPB. Institut Pertanian Bogor.