

DAFTAR PUSTAKA

- Arifin, B., Ibrahim, S. (2018). Struktur, Bioaktivitas dan Antioksidan Flavonoid. *Jurnal Zarah*, 6 (1), 21-29.
- Astuti, E., Sunarminingsih, R., Jenie, U.A., Mubarika, S., Sismindari. (2014). Pengaruh Lokasi Tumbuh, Umur Tanaman Dan Variasijenis Destilasi Terhadap Komposisi Senyawa Minyak Atsiri Rimpang (*Curcuma manga*) Produksi Beberapa Sentra di Yogyakarta. *Jurnal manusia dan Lingkungan*, 21, 323-330.
- Atta-ur-Rahman. (2018). Studies in Natural Products Chemistry, *Elsevier*, 5, 164-165.
- Ayedoun, A.M., Sossou, P.V. (1996). Volatile Constituent of the peel and leaf oils of *Citrus limon* from Benin. *Journal Essential oil Research*, 8, 441-444.
- Badan Litbang Pertanian. (2020). *Prospek dan Arah Pengembangan Agribisnis Jeruk*. Diakses dari Badan Litbang Pertanian: www.litbang.pertanian.go.id
- Backer, A., Bakhuizen, R.C. (1965). *Flora of Java Vol 2*. The Netherlands: Noordhoff N. V.G. Groningen.
- Bhat, S.V., Nagasampagi, B.A., Sivakumar, M. (2005). *Chemistry of Natural products*. Berlin: Narosa Publishing House.
- Bolton, S., Bon, C. (1997). *Pharmaceutical Statistics: Practical and Clinical Applications*. New York: Marcel Dekker Inc.
- BPOM RI. (2005). Standarisasi Ekstrak Tumbuhan Obat Indonesia Salah Satu Tahapan Penting Dalam Pengembangan Obat Asli Indonesia. Info POM, 6. Badan POM RI, Jakarta.
- Brown, S., Tauler, R., Walczak, B. (2009). Comprehensive Chemometrics: Chemical and Biological Data Analysis. *Elsevier*, 1(13), 343-344.
- Cahyani, A. I. (2017). Uji Aktivitas Antioksidan dari Ekstrak Kulit Batang Kayu Jawa (*coromandelica*) dengan Metode DPPH (2,2-difenil-1-pikrilhidrazil), *Lannea*. Skripsi. Fakultas kedokteran dan Ilmu Kesehatan. UIN Syarif Hidayatullah. Jakarta.
- Cairns, D. (2004). *Intisari Kimia Farmasi*. Jakarta: Penerbit Buku Kedokteran EGC.
- Caymanchemical. (2014). *Nobiletin*. Diakses dari Caymanchemical: www.caymanchemical.com

- Chen, J., Creed, A., Chen, A.Y., Huang, H., Li, Z., Rankin, G. O., Ye, X., Xu, G., Chen, Y. C. (2014). Nobiletin Suppresses Cell Viability Through AKT Pathways In PC-3 And DU-145 Prostate Cancer Cells. *BMC pharmacology & toxicology*. 4.
- Danusantoso, H. (2003). Peran Radikal Bebas terhadap Beberapa Penyakit Paru. *Jurnal kedokteran trisakti*, 22 (1), 31.
- Depkes RI. (2013). *Farmakope Herbal Indonesia*. Jakarta: Departemen Kesehatan RI.
- Ditjen POM. (1986). *Sediaan Galenik*. Jakarta: Departemen Kesehatan RI.
- Ebrahimzadeh, M.A., Hosseinimehr S.J. and Gayekhlou M.R. (2004). Measuring and comparison of vitamin C content in citrus fruits: introduction of native variety. *Chemistry: An Indian Journal*, 1(9), 650-652.
- Endarini, L. H. (2016). *Farmakogonsi dan Fitokimia*. Jakarta: Kementrian Kesehatan Republik Indonesia.
- FernandezLopez, J., Zhi, N., Aleson-Carbonell, L., PerezAlvarez, J.A., and Kuri, V. (2005). Antioxidant and Antibacterial Activities of Natural Extracts: Application in Beef Meatballs. *Meat Science*, 69, 371-380.
- Ferrer, J., Austin, M., Stewart, C., J., dan Noel, J. (2008). Structure and Function of Enzymes Involved in The Biosynthesis of Phenylpropanoids. *Plant Physiological Biochemistry*, 8, 307-319.
- Ferreya, M. L. F., Rius, S.P., Casati, P. (2012). Flavonoids: Biosynthesis Biological Functions and Biothechnological Application. *Frontiers in Plant Science*, 3, 2.
- Gattuso, G., Barreca, D., Garguilli, C., Leuzzi, U., Caristi, C. (2007). Flavonoid Composition of Citrus Juices. *Molecules*, 1647.
- Harborne, J.B. (1998). *Phytochemical methode A Guide to Modern Techniques a Plant Analysis*. London: Chapman & Hall.
- Hardjono, S.P. (1992). *Kapita Selektu Ekonomi Indonesia*. Yogyakarta: Andi Offset.
- Ismail, A., Marjan Z. M., and Foong C. W. (2004). Phenolic Composition and Antioxidant Properties of Some Spices. *Food Chemistry*, 2-581.
- IHME. (2017). healthdata.org/indonesia diakses dari Institute for Health Metrics and Evaluation: healthdata.org/Indonesia.
- Jayanudin, J., Lestari, A.Z., Nurbayanti, F. (2014) Pengaruh Suhu dan Rasio Pelarut Ekstraksi Terhadap Rendemen dan Viskositas Natrium Alginate Dari Rumpuk Laut Coklat (Sargassum Sp). *Jurnal Integrasi Proses*, 5(1), 51-55.
- Jayaprakasha G.K., Patil B.S. (2007). In Vitro Evaluation of The Antioxidant Activities in Fruit Extracts from Citron and Blood Orange. *Food Chem*, 101, 410-418.
- Jumanta. (2019). *Buku Pintar Tumbuhan*. Jakarta: PT Elex Media Computindo.

- Kedare, S.B., Singh, R.P. (2011). Genesis and Development of DPPH Method of Antioxidant Assa. *J. Food Sci. Technol*, 48, 412–422.
- Kementrian Pertanian. (2019). Budidaya Jeruk Lemon. Jakarta, DKI: Penulis. Diakses dari <http://cybex.pertanian.go.id/mobile/artikel/83483/Budidaya-Jeruk-Lemon-/>, 22 Januari 2020.
- Kim, Y.J., Choi, M.S., Woo, J.T, 2017, Jeong M.J., Kim, S.R., Jung, U.J. (2017). Long-Term Dietary Supplementation with Low-Dose Nobiletin Ameliorates Hepatic Steatosis, Insulin Resistance, and Inflammation without Altering Fat Mass In Diet-Induced Obesity. *Molekuler Nutrition Food Research*, 61, 8.
- Koksal, E., Gulcin, L. (2008). Antioxidant Activity of Cauliflower (Brassica oleracea L). *Turk. J. Agric. For.* 32, 65–78.
- Kuliscic, T., Radonic, A., Katalinic, V., Milosa, M. (2004). Use of Different Methods for Testing Antioxidative Activity of Oregano Essential Oil, Analytical, Nutritional and Clinical Methods. *Food Chemistry*, 85, 633–640.
- Lestario, L.N. (2018). *Antosianin: Sifat Kimia, Perannya dalam Kesehatan dan Prospeknya Sebagai Pewarna Makanan*. Yogyakarta: Gadjah Mada University Press.
- Levij, B., Kovacevic, D.B., Verica, D. U., Krasnići, N. (2009). Determination of Flavonoids in Pulp and Peel of Mandarin Fruits. *Agriculturae Conspectus Scientificus*, 74, 224.
- Li, J.H., Shyu, S.L. (2013). The Antioxidative Activity of Lemon Peel Extracts. *Journal of Agricultural Chemistry and Food Science*, 5(4):195-203.
- Mabry, T.J, Markham, K.R., Thomas, M.B. (1970). The Systematic Identification of Flavonoids. *Springer-Verlag*.
- Mainurin, M., Unteawati, B., Handayani, S. (2018) *Pengelolaan Panen dan Pascapanen Buah Jeruk Lemon (Citrus Limon) Di Ud X-Yogyakarta*. <http://eprints.jeb.polinela.ac.id/196/1/jurnal%20m.mainurin.pdf>, 23 januari 2020.
- Mims. (2020). *Diosmin + Hesperidin*. Diakses dari <https://www.mims.com/indonesia/drug/info/diosmin%20%2b%20hesperidin/?type=brief&mtype=generic>
- Miyake, Y., Yamamoto, K., Morimitsu, Y., Osawa, T. (1997). Isolation of C-glucosylflavone from Lemon Peel and Antioxidative Activity of Flavonoid Compounds in Lemon Fruit. *Food Sci. Technol. Int. Tokyo*, 45, 4619–4623.
- Mohanapriya, M., Ramaswamy, L., Rajendran, N. (2013). Health And Medicinal Properties Of Lemon (Citrus Limonum). *International Journal Of Ayurvedicv and Herbal Medicine*, 3 (1), 1095-1099.

- Mol, J., Grotewold, E., dan Koes, R. (1998). How Genes Paint Flowers and Seed. *Trends Plant Science*, 3, 212-217.
- Muaris, H.J. (2013). *Khasiat Lemon Untuk Kestabilan Kesehatan*. Jakarta: PT Gramedia Pustaka Utama.
- Mukhriani. (2014). Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif. *Jurnal Kesehatan*, 1, 362-363.
- Najib, A. (2018). *Ekstraksi Senyawa Bahan Alam*. Yogyakarta: Deepublish.
- NCBI. (2020). *Hesperidin*. Diakses dari National Center for Biotechnology Information: <https://pubchem.ncbi.nlm.nih.gov/compound/Hesperidin>
- NCBI. (2020). *Nobiletin*. Diakses dari National Center for Biotechnology Information: <https://pubchem.ncbi.nlm.nih.gov/compound/Nobiletin>
- Nejadhabibvash., F., Rezaee, M.B., Mahmudi, A., Jaimand, K. (2018). Effect Harvesting Time on Content and Chemical Composition of Essential Oil from *Stachys lavandulifolia* Vahl (Lamiaceae). *Journal of Medical Plants*, 2, 181-187.
- Nugroho, R. A., Sari, Y. P., Hardi, E. H., Aryani, R. (2019). *Myrmecodia: Efek Fisiologi dan Potensi Manfaat*. Yogyakarta: Deepublish.
- OEHHA. (2020). *Chemicals Known to The State to Cause Cancer or Reproductive Toxicity*. Diakses dari <https://oehha.ca.gov/proposition-65/proposition-65-list>
- Plantamor. (2020). *Citrus limon*. Diakses dari Plantamor: <http://plantamor.com/species/info/citrus/limon>
- Plaza, C.M., Torres, L.E. D. D., Lucking, R.K., Vizcaya, M., Medina, G.E. (2014). Antioxidant Activity, Total Phenols and Flavonoids of Lichens From Venezuelanandes. *Journal of Pharmacy and Pharmacognosy Research*, 2:138-147.
- Saxena, M., J. Saxena, D., Singh dan Gupta, A. (2013). Phytochemistry of Medicinal Plants. *Journal of Pharmacognosy and Phytochemistry*, 1(6):168-182.
- Spina, A., Brighina, S., Muccilli, S., Mazzaglia, A., Fabroni, S., Fallico, B., Rapisarda, P., Arena, E. (2019). Wholegrain Durum Wheat Bread Fortified With Citrus Fiber: Evaluation of Quality Parameters During Long Storage. *Frontiers in Nutrition*, 6(13), 4-5.
- Suhendra, C.P., Widarta, I.W.R., Wiyadnyani, A.A.I.S. (2019). Pengaruh Konsentrasi Etanol Terhadap Aktivitas Antioksidan Ekstrak Rimpang Ilalang (*Imperata Cylindrica* (L) Beauv.) pada Ekstraksi Menggunakan Gelombang Ultrasonik. *Jurnal Ilmu dan Teknologi Pangan*, 08(01), 27-35.
- Taniyama, Y., Griendlng, K.K. (2003). Reactive Oxygen Species in The Vasculature Molecular and Cellular Mechanisms. *Hypertension*, 42 (6), 1075-1081.

- Thode, A.B., Kruse, S.W., Jones, D.N.M. (2008). The Role of Multiple Hydrogen Bonding Groupin Spesific Alcohol Binding Sites in Proteins: Insights from Structural Studies of LUSH. *Journal of Molecular Biology*, 376(5), 1360-1376.
- Tokusoglu, O., Hal Il, C. (2011). *Fruit and Cereal Bioactives*. United State: CRC Press.
- Voinovich, D., Campisi, B., Phan-Tan-Luu, R. (2009). Comprehensive Chemometrics: Chemical and Biochemical Data Analysis. *Elsevier*, 1(13), 411-412.
- Wang, T-Y., Li, Q., Bi, K.S. (2017). Bioactive Flavonoids in Medical Plants: Structure, Activity dan Biological Fate. *Asian Journal of Pharmaceutical Sciences*, 8-10.
- Wang, Y-C., Chuang, Y-C., Hsu, H-W. (2008). The Flavonoid, Carotenoid and Pectin Content in Peels of Citrus Cultivated in Taiwan. *Food Chemistry*, 277-284.
- Widaryanto, Eko., Azizah, Nur. (2018). *Perspektif Tanaman Obat Berkhasiat: Peluang, Budidaya, Pengelolaan Hasil dan Pemanfaatan*. Malang: UB Press.
- Wijaya, H., Novitasari, Jubaidah, S. (2018). Perbandingan Metode Ekstraksi Terhadap Rendemen Ekstrak Daun Rambai Laut (*Sonnaretia caseolaris* L. Engl). *Jurnal Ilmial Manuntung*, 4(1), 79-83.
- Winarsi, H. (2007). *Antioksidan Alami dan Radikal Bebas*. Yogyakarta: Kanisius.
- Winkel-Shirley, B. (2001). Flavonoid Biosynthesis, A Colorful Model For Genetics, Biochemistry, Cell Biology, and Biotechnology. *Plant Physiol*, 126, 485-493.
- Yuslianti, E.R. (2018). *Pengantar Radikal bebas dan Antioksidan*. Yogyakarta: Deepublish.
- Zhaafirah, H., Fitriyano, G., Hasyim, U.H. (2017). Pengaruh Kecepatan Pengadukan Terhadap Rendemen Dan Identifikasi Selulosa Asetat Hasil Asetilasi Dari Limbah Kulitpisang Kepok. Diakses dari jurnal.umj.ac.id/index.php/semnastek
- Zhang, L., Shan, Y., Tang, K., Putheti, R. (2009). Ultrasound-Assited Extraction Flavonoid of Lotus (*Nelumbo Nuficera Gaertn*) Leaf And Evaluation of Its Anti-fatigue Activity. *International Journal of Phisical Science*, 4(8):418-422.