

DAFTAR PUSTAKA

- Abu Bakar, M.F., Ismail, N.A., Isha, A., dan Mei Ling, A.L., 2016, Phytochemical Composition and Biological Activities of Selected Wild Berries (*Rubus moluccanus* L., *R. fraxinifolius* Poir., and *R. alpestris* Blume), *Evidence-Based Complementary and Alternative Medicine*, **2016**: 1–10.
- Akiyama, H., Yamasaki, O., Tada, J., dan Arata, J., 1999, Effects of acetic acid on biofilms formed by *Staphylococcus aureus*, *Archives of dermatological research*, Vol. **291**, Hal. 570–573.
- Akkari, H., Hajaji, S., B'chir, F., Rekik, M., dan Gharbi, M., 2016, Correlation of polyphenolic content with radical-scavenging capacity and anthelmintic effects of *Rubus ulmifolius* (Rosaceae) against *Haemonchus contortus*, *Veterinary Parasitology*, Vol. **221**, Hal. 46–53.
- Ang, W.F., Lok, A.F.S., Chong, K.Y., Ng, B.Y.Q., Suen, S.M., dan Tan, H.T., 2010, The distribution and status in Singapore of *Rubus moluccanus* L. var. *angulosus* Kalkman (Rosaceae), *Nature in Singapore*, Vol. **3**, Hal. 91–97.
- Anonim, 2006. 'Natural Resources Conversation Service *Rubus moluccanus* L.', <https://plants.usda.gov/java/ClassificationServlet?source=display&classid=RUMO4> (diakses tanggal 20/12/2016).
- Anonim², 2011. 'Basis Data Tanaman Obat Indonesia', . <http://herbaldb.farmasi.ui.ac.id/v3/> (diakses tanggal 1/6/2017).
- Basch, H. dan Gadebusch, H.H., 1968. In vitro antimicrobial activity of dimethylsulfoxide. *Applied Microbiology*, Vol. **16**, Hal. 1953–1954.
- Backer, C.A. dan R.C. Bakhulzen van den Brink, Jr, 1965, *Flora of Java*, Vol. II., Groningen: P, Noordhoff
- Backer, C.A. dan R.C. Bakhulzen van den Brink, Jr, 1968, *Flora of Java*, Vol. III., Groningen: P, Noordhoff
- Bishayee, A., 2009. Cancer Prevention and Treatment with Resveratrol: From Rodent Studies to Clinical Trials. *Cancer Prevention Research*, Vol. **2**, Hal. 409–418.
- Bowen-Forbes, C.S., Zhang, Y., dan Nair, M.G., 2010. Anthocyanin content, antioxidant, anti-inflammatory and anticancer properties of blackberry and raspberry fruits. *Journal of Food Composition and Analysis*, Vol. **23**, Hal. 554–560.

- Brooks, G.F., Carroll, K.C., Butel, J.S., Morse, S.A., dan Mietzner, T., 2013. *Jawertz, Melnick & Adelberg's Medical Microbiology*, 26 th Edition. ed. The McGraw-Hill Companies.
- Choma, I.N., 2005. *The Use of Thin-Layer Chromatography with Direct Bioautography for Antimicrobial Analysis*. LCGC Europe.
- Choudhary, M.I., Atta-ur-Rahman, dan Thompson, W.J., 2003. *Bioassay Techniques for Drug Development*. Swets & Zeitlinger Publishers, Lisse, NLD.
- Clinical Laboratory Standards Institute, 2007. CLSI Publishes New Antimicrobial Susceptibility Testing Standards - CLSI.
- Cos, P., Vlietinck, A.J., Berghe, D.V., dan Maes, L., 2006. Anti-infective potential of natural products: How to develop a stronger in vitro 'proof-of-concept.' *Journal of Ethnopharmacology*, Vol. **106**, Hal. 290–302.
- Cruz, A.B., Cruz, R.C.B., Kanegusuku, M., Cechinel Filho, V., Yunes, R.A., Delle Monache, F., dkk., 2006. Antimicrobial activity of *Rubus imperialis* (Rosaceae). *acta farmacéutica bonaerense*, Vol. **25**, Hal. 256–9.
- EMBL-EBI, 2017. 'cyanidin 3-O-rutinoside (CHEBI:28064)', <http://www.ebi.ac.uk/chebi/searchId.do?chebiId=CHEBI:28064> (diakses tanggal 20/5/2017).
- European Society of Clinical Microbiology and Infection Disease, 2003. 'EUCAST: Publications in journals Determinasi of Minimum Inhibitory Concentration (MICs) of Antibacterial Agents by Broth Dillution', http://www.eucast.org/documents/publications_in_journals/ (diakses tanggal 1/6/2017).
- Fardiaz, S., 1983. *Keamanan Pangan Jilid 1: Bakteriologi*. IPB, Bogor.
- Ferlemi, A.-V. dan Lamari, F., 2016. Berry Leaves: An Alternative Source of Bioactive Natural Products of Nutritional and Medicinal Value. *Antioxidants*, Vol. **5**, Hal. 17.
- Gu, L., Kelm, M.A., Hammerstone, J.F., Beecher, G., Holden, J., Haytowitz, D., dkk., 2004. Concentrations of proanthocyanidins in common foods and estimations of normal consumption. *The Journal of nutrition*, Vol. **134**, Hal. 613–617.
- Gu, L., Wu, T., dan Wang, Z., 2009. TLC bioautography-guided isolation of antioxidants from fruit of *Perilla frutescens* var. *acuta*. *LWT - Food Science and Technology*, Vol. **42**, Hal. 131–136.
- Häkkinen, S., 2000. 'Flavonols and phenolic acids in berries and berry products', . Kuopion Yliopisto, Kuopio.

- Harborne, J.B., 1984. *Phytochemical Methods*. Springer Netherlands, Dordrecht.
- Horvath, G., Kocsis, B., Botz, L., Németh, J., dan Szabo, Lg., 2002. 'Antibacterial activity of Thymus phenols by Direct Bioautography', dalam: *Proceedings of the 7th Hungarian Congress on Plant Physiology. Acta Biologica*. Vol. **46**, No. 3-4, Hal. 145–146.
- Jabra-Rizk, M.A., Meiller, T.F., James, C.E., dan Shirtliff, M.E., 2006. Effect of Farnesol on Staphylococcus aureus Biofilm Formation and Antimicrobial Susceptibility. *Antimicrobial Agents and Chemotherapy*, Vol. **50**, Hal. 1463–1469.
- Jiménez-Arellanes, A., Cornejo-Garrido, J., Rojas-Bribiesca, G., Nicasio-Torres, M. del P., Said-Fernández, S., Mata-Cárdenas, B.D., dkk., 2012. Microbiological and Pharmacological Evaluation of the Micropropagated *Rubus liebmannii* Medicinal Plant. *Evidence-Based Complementary and Alternative Medicine*, **2012**: 1–7.
- Jones, T. dan Vandecasteele, J.-P., 2008. *Petroleum Microbiology*. Editions OPHRYS.
- Jung, H., Lee, H.J., Cho, H., Lee, K., Kwak, H.-K., dan Hwang, K.T., 2015. Anthocyanins in Rubus fruits and antioxidant and anti-inflammatory activities in RAW 264.7 cells. *Food Science and Biotechnology*, Vol. **24**, No. 5, Hal. 1879–1886.
- Kähkönen, M.P., Heinämäki, J., Ollilainen, V., dan Heinonen, M., 2003. Berry anthocyanins: isolation, identification and antioxidant activities: Berry anthocyanins. *Journal of the Science of Food and Agriculture*, Vol. **47**, No. 10, Hal. 1403–1411.
- Kesehatan, B.P.D.P. Dan RI, K.K., 2013. Pokok-Pokok Hasil Riset Kesehatan Dasar Provinsi Riau.
- Krauze-Baranowska, M., Głód, D., Kula, M., Majdan, M., Hałasa, R., Matkowski, A., dkk., 2014. Chemical composition and biological activity of Rubus idaeus shoots—a traditional herbal remedy of Eastern Europe. *BMC complementary and alternative medicine*, Vol. **14**, Hal. 480.
- Ku, C.S. dan Mun, S.P., 2008. Optimization of the extraction of anthocyanin from Bokbunja (*Rubus coreanus* Miq.) marc produced during traditional wine processing and characterization of the extracts. *Bioresource Technology*, Vol. **99**, Hal. 8325–8330.
- Marlena, R.A., Sugiarti, Murdopo, Satria, A., dan Ishak, N.N., 2014. 'Obat Herbal Traditional Trade With Remarkable Indonesia', *Warta Ekspor*, Jakarta.

- Mattila, P. dan Kumpulainen, J., 2002. Determination of Free and Total Phenolic Acids in Plant-Derived Foods by HPLC with Diode-Array Detection. *Journal of Agricultural and Food Chemistry*, Vol. **50**, Hal. 3660–3667.
- Mayrhofer, S., Domig, K.J., Mair, C., Zitz, U., Huys, G., dan Kneifel, W., 2008. Comparison of Broth Microdilution, Etest, and Agar Disk Diffusion Methods for Antimicrobial Susceptibility Testing of *Lactobacillus acidophilus* Group Members. *Applied and Environmental Microbiology*, Vol. **74**, Hal. 3745–3748.
- Muharni, M., Elfita, E., Dan Masyita, M., 2015. Isolasi Senyawa Metabolit Sekunder Dari Ekstrak N-Heksana Batang Tumbuhan Brotowali (*Tinospora crispa* L.). *Jurnal Molekul*, Vol. **10**, Hal. 38–44.
- Mullen, W., Edwards, C.A., Serafini, M., dan Crozier, A., 2008. Bioavailability of Pelargonidin-3- O -glucoside and Its Metabolites in Humans Following the Ingestion of Strawberries with and without Cream. *Journal of Agricultural and Food Chemistry*, Vol. **56**, No. 713–719.
- Mullen, W., Stewart, A.J., Lean, M.E.J., Gardner, P., Duthie, G.G., dan Crozier, A., 2002. Effect of Freezing and Storage on the Phenolics, Ellagitannins, Flavonoids, and Antioxidant Capacity of Red Raspberries. *Journal of Agricultural and Food Chemistry*, Vol. **50**, No. 5197–5201.
- Mullen, W., Yokota, T., Lean, M.E.J., dan Crozier, A., 2003. Analysis of ellagitannins and conjugates of ellagic acid and quercetin in raspberry fruits by LC–MSn. *Phytochemistry*, Vol. **64**, Hal. 617–624.
- Oszmiański, J., Wojdyło, A., Nowicka, P., Teleszko, M., Cebulak, T., dan Wolanin, M., 2015. Determination of Phenolic Compounds and Antioxidant Activity in Leaves from Wild *Rubus* L. Species. *Molecules*, Vol. **20**, Hal. 4951–4966.
- Panizzi, L., Caponi, C., Catalano, S., Cioni, P.L., dan Morelli, I., 2002. In vitro antimicrobial activity of extracts and isolated constituents of *Rubus ulmifolius*. *Journal of ethnopharmacology*, Vol. **79**, Hal. 165–168.
- Pavia, D.L., Lampman, G., Kriz, G., dan Vyvyan, J., 2015. *Introductionn to Spectroscopy*, Cengage Learning., 5 th. ed. Cengage Learning.
- Phenol-explore.eu, 2005. 'Phenol-Explorer: Showing dietary polyphenol Cyanidin 3-O-xylosyl-rutinoside', <http://phenol-explorer.eu/compounds/62> (diakses tanggal 20/5/2017).
- Polyphenols, 2017. 'Delphinidin 3-rutinoside - Polyphenols. <http://polyphenols.com/delphinidin-products/delphinidin-3-rutinoside-article152-182.html> (diakses tanggal 20/5/2017).
- Pratiwi, S.U.T., 2008. *Mikrobiologi Farmasi*. Penerbit Erlangga, Jakarta.

- Pubchem, 2016. 'Cyanidin 3-sambubioside PubChem', <https://pubchem.ncbi.nlm.nih.gov/compound/6602304> (diakses tanggal 20/5/2017).
- Pubchem1, 2017. 'Pelargonidin 3-O-rutinoside- PubChem', <https://pubchem.ncbi.nlm.nih.gov/compound/443917> (diakses tanggal 20/5/2017).
- Pubchem2, 2017. 'Delphinidin 3-glucoside | C₂₁H₂₁O₁₂+ - PubChem', <https://pubchem.ncbi.nlm.nih.gov/compound/443650> (diakses tanggal 20/5/2017).
- Raharjo, S., 2012. *Isolasi Dan Identifikasi Bakteri Asam Laktat (BAL) Dari Usus Halus Itik Mojosari (Anas Plathyrinchos)*. UIN Malang, Malang.
- Rauha, J.-P., Remes, S., Heinonen, M., Hopia, A., Kähkönen, M., Kujala, T., dkk., 2000. Antimicrobial effects of Finnish plant extracts containing flavonoids and other phenolic compounds. *International journal of food microbiology*, Vol. **56**, Hal. 3–12.
- Ríos, J.L. dan Recio, M.C., 2005. Medicinal plants and antimicrobial activity. *Journal of Ethnopharmacology*, Vol. **100**, Hal. 80–84.
- Rohman, A., 2014. *Spektroskopi Inframerah Dan Kemometrika Untuk Analisis Farmasi*. Pustaka Pelajar, Yogyakarta.
- Rudiyanto, A., 2015. 'Biodiversity *Rubus moluccanus* L.', *Biodiversity Warriors*. <http://biodiversitywarriors.org/hareneus.html> (diakses tanggal 25/5/2017).
- Sastrohamidjojo, H., 2007. *Spektroskopi*, 3 th. ed. Liberty Yogyakarta, Yogyakarta.
- Shahidi, F. dan Naczki, M., 1995. *Food Phenolics : Sources, Chemistry, Effects, Applications*. Technomic Publishing, Lancaster [etc.].
- Sikkema, J., de Bont, J.A., dan Poolman, B., 1995. Mechanisms of membrane toxicity of hydrocarbons. *Microbiological Reviews*, **59**: 201–222.
- Silverstein, R.M., Webster, F.X., dan Kiemle, D.J., 2005. *Spectrometric Identification of Organic Compound*, 7 th. ed. John Wiley & Sons. Inc, State University of New York.
- Skogman, M.E., 2012. 'A platform for anti-biofilm assays: combining biofilm viability, biomass and matrix quantifications in susceptibility assessments of antimicrobials against *Staphylococcus aureus* biofilms', *Artikel*, Åbo Akademi University, Finlandia
- Sticher, O., 2008. Natural product isolation. *Natural Product Reports*, Vol.**25**, Hal. 517.

- Stoner, G.D., 2009. Foodstuffs for Preventing Cancer: The Preclinical and Clinical Development of Berries. *Cancer prevention research (Philadelphia, Pa.)*, Vol. **2**, Hal. 187–194.
- Susiarti, S., Purwanto, Y., dan Windadri, F.I., 2009. Pengetahuan Masyarakat Pekurehua Di Sekitar Taman Nasional Lore Lindu, Sulawesi Tengah Tentang Tumbuhan Obat Dan Pemanfaatannya. *Media Penelitian dan Pengembangan Kesehatan*, Vol.**19**, No. 4, Hal. 185-192.
- Suwandri, S., Diastuti, H., Dan Purwati, P., 2007. Isolasi Dan Identifikasi Senyawa Kimia Serta Uji Aktivitas Anticandidaisis Serbuk Batang Sirih Duduk (*Piper Sarmentosum* Roxb. Ex Hunter). *Molekul*, Vol. **2**, Hal. 53.
- Todar, K., 2012. '*Staphylococcus aureus* and Staphylococcus Disease' <http://textbookofbacteriology.net/staph.html> (diakses tanggal 1/6/2017).
- Todar2, K., 2012. 'Pathogenic *E. coli*', <http://textbookofbacteriology.net/e.coli.html> (diakses tanggal 1/6/2017).
- Triyono, K., 2013. Keanekaragaman Hayati Dalam Menunjang Ketahanan Pangan. *Innofarm: Jurnal Inovasi Pertanian*, Vol. **11**, Hal. 12–22.
- Wadhwani, T., Desai, K., Patel, D., Lawani, D., Bahaley, P., Joshi, P., dkk., 2009. Effect of various solvents on bacterial growth in context of determining MIC of various antimicrobials. *Internet J Microbiol*, Vol. **7**, No. 1, Hal. 1-13.
- Yoo, H.H., Park, J.H., dan Kwon, S.W., 2007. In vitro cytotoxic activity of some Korean medicinal plants on human cancer cell lines: enhancement in cytotoxicity by heat processing. *Phytotherapy research: PTR*, Vol. **21**, Hal. 900–903.
- Zafrilla, P., Ferreres, F., dan Tomás-Barberán, F.A., 2001. Effect of Processing and Storage on the Antioxidant Ellagic Acid Derivatives and Flavonoids of Red Raspberry (*Rubus idaeus*) Jams. *Journal of Agricultural and Food Chemistry*, Vol. **49**, Hal. 3651–3655.
- Zia-Ul-Haq, M., Riaz, M., De Feo, V., Jaafar, H., dan Moga, M., 2014. *Rubus Fruticosus* L.: Constituents, Biological Activities and Health Related Uses. *Molecules*, Vol. **19**, Hal. 10998–11029.