

Daftar Pustaka

- Afolayan, A.J., (2003), Extracts from the shoots of *Arctotis artotoides* inhibit the growth of bacteria and fungi, *Pharm. Biol* 41: 22-25.
- Atun, S., (2014), Metode Isolasi dan Identifikasi Struktur Senyawa Organik Bahan Alam, *Jurnal Konservasi Cagar Budaya Borobudur* 8(2):53-61.
- Baht, S. V., Nagasampagi B. A., dan Meenaksh, i. S., (2009), Natural Products : Chemistry and Application, *Narosa Publishing House*, New Delhi, India.
- Booker, M.B., Lucas, S., dan Patrick, S.P., (2004), In Vitro Antagonism with the Combination of Vancomycin and Clindamycin Against *Staphylococcus aureus*, *Journal of Applied Research* 4(3).
- Bowers, J.H., dan Locke, J.C., (2004), Effect of formulated plant extracts and oils on population density of *Phytophthora nicotianae* in soil and control of *Phytophthora* blight in the greenhouse, *Plant Disc* 88:11-16.
- Brooks, G.F., Carrol, K.C., Butel, J.S., Morse, S.A., dan Mietzner, T.A., (2013), *Mikrobiologi Kedokteran Edisi 25*, EGC, Jakarta.
- Buchanan, R.E., dan Gibbons, N.E., (1974), *Bergey's Manual of Determinative Barteriology 8th ed*, Williams and Wilkins, Baltimore. Hal 1268.
- Choudhury, A., dan Patel, N.A., (2016), HPTLC Fingerprint Analysis of Bastard Oleaster (*Elaeagnus latifolia* Linn): An Edible Plant Used by the Tribal Community of Northeast India, *International Journl of Pharmacognosy and Phytochemical Reasearch* 8(12) : 1920-1925.
- CLSI., (2017), *Performance Standards for Antimicrobial Suspecbility Testing: M100, 27th Ed*, Clinical and Laboratory Standards Institute, USA.
- 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 Ethnopharmacol* 106: 290-302.
- Creswell, C.L., Runkist, O.A., (1982), *Analisis Spectrum Senyawa Organic* edisi kedua, Penerbit ITB, Bandung.

- Dachriyanus., (2004), *Analisis Struktur Senyawa Organik Secara Spektroskopi*, Lembaga Pengembangan Teknologi Informasi dan Komunikasi (LPTIK) Universitas Andalas, Padang.
- Darsana, I.G.O., (2012), Potensi Daun Binahong (*Anredera Cordifolia* (Tenore) Steenis) dalam Menghambat Pertumbuhan Bakteri *Escherichia Coli* secara *In Vitro*, *Indonesia Medicus Veterinus* 1 (3):337– 351.
- Davis, W. W., dan Stout, T. R., (1971), Disc Plate Method of Microbiological Antibiotic Assay. *Applied Microbiology*. 22 (4): 659-665.
- Depkes RI., (1995), *Materia Medika Indonesia. Jilid VI*, Departemen Kesehatan Republik Indonesia, Jakarta.
- Digrak, M., Alma, M.H., Ilcim, A., Sen, S., (1999), Antibacterial and antifungal effects of various commercial plant extracts, *Pharm Biol* 37: 216–220.
- Ding, Y. S., Wang Z., Ma, R. L., Feng, G. L., Xu S. Z., Lu, F. L., Tang, M.E., and Zheng, R. H., (2011), Anti-fatigue Effect and Mechanism of Polysaccharides from *Eleagnus angustifolius* L. *Journal of Food Science*, vol. 31: 255-257.
- Editorial committee of Chinese flora. *Chinese flora*, In: Huang cj, editor. Rutaceae. Second Fascicule. Science Press, Beijing. Hal 1-60.
- Eksteen, D., (2000), *Profitable canola production in the south coastal region 2000*, Department of Agriculture and Food, Western Australia, Perth. Bulletin 4407.
- Eksteen, D., Pretorius, J.C., Nieuwoudt, T.D., dan Zietsman, P.C., (2001), Mycelial growth inhibition of plant pathogenic fungi by extracts of South African plant species, *Annals of Applied Biology* 139: 243–249.
- Fawzi, E. M., Khalil, A. A., dan Afifi, A. F., (2009), Biological Science and Geology Department, Faculty of Education, Ain Shams University, Roxy, Cairo, Egypt.
- Feng, T., Yan, T. T., Yan, G. R., dan Peng, L. X., (2010), Free Radical Scavenge Capacity of *Elaeagnus angustifolia* Extracts, *Journal of Medicinal Plant* 1: 24-26.

- Fessenden, R.J., dan Fessenden, J.S., (1986), *Kimia Organik Dasar Edisi Ketiga* Jilid 2, Terjemahan oleh A.H. Pudjaatmaka, Erlangga, Jakarta.
- Fitriani, D., Noorhamdani., dan Karyono, S., (2011), Efektivitas Ekstrak Daun Ceplukan Sebagai Antimikroba terhadap *Methicillin-Resistant Staphylococcus aureus* In Vitro, *Jurnal Kedokteran Brawijaya* 26(4).
- Frankland, G. C., dan Frankland, P.F., (1887), Studies on Some New Microorganisms Obtained from Air, *Philosophical Transactions of the Royal Society, Biological Sciences* 178: 257-287.
- Greenwood., (1995), *Antibiotic Susceptibility (Sensitivity) Test, Antimicrobial, and Chemotherapy*. McGraw Hill Company, USA.
- Gritter, R. J., James, M. B., dan Arthur, E. S., (1991), *Pengantar Kromatografi*. Institut Teknologi Bandung, Bandung.
- Gulluce, M., Sokmen, M., Daferera, D., Agar, D., Ozkan, H., Kartal, N., Polissiou, M., Sokmen, A., dan Sahin, F., (2003), In vitro antibacterial, antifungal, and antioxidant activities of the essential oil and metanol extracts of herbal parts and callus cultures of *Satureja hortensis* L, *J. Agric. Food Chem* 51: 3958-3965.
- Gunawan, D., dan Mulyani, S., (2004), *Ilmu Obat Alam (Farmakognosi)* Jilid Pertama, Penebar Swadaya, Jakarta.
- Handa S.S., Khamja S.P.S., Longo G., dan Rakes D.D., (2008), Extraction Technologies for Medicinal and Aromatic Plants, *Trieste: International Centre For Science and High Technology*: 21-25.
- Harborne, J. B., (1987), *Metode Fitokimia: Penuntun Cara Modern Menganalisis Tumbuhan*. Institut Teknologi Bandung, Bandung.
- Harlapur, S., Kulkarni, M., Wali, M., dan Kulkarni, S., (2007), Evaluation of Plant Extract, Bio-Agents and Fungicides against *Exserohilum turcicum* (Pass.) Leonard and Suggs. Causing Turcicum Leaf Blight of Maize. *Karnataka Journal of Agricultural Sciences* 20:541-544.
- Hesse, M., (1983), *Alkaloid Chemistry*, John Wiley and Sons Inc, New York.
- Hill, L.R., (1981), Taxonomy of the Staphylococci, *The Staphylococci: Proceedings of the Alexander Ogston Centennial Conference*, 33-62.

- Hossain, M.B., Brunton, N.P., dan Rai, D.P., (2016), Effect of Drying Methods on the Steroidal Alkaloid Content of Potato Peels, Shoots and Berries, *Journal of Molecules* 21(403): 1-10.
- Huxley, A., (1992), *The new RSA dictionary of gardening*, MacMillan press.
- Jawetz, E., Melnick, J.L., dan Adelberg, E.A., (1996), *Mikrobiologi Kedokteran* 20th ed, EGC Penerbit Buku Kedokteran, Jakarta.
- Jeong, S. M., Kim, S. Y., Kim, D. R., Jo, S. C., Nam, K. C., Ahn, D. U., dan Lee, S. C., (2004), Effect of heat treatment on the antioxidant activity of extracts from citrus peels, *J Agric Food Chem* 52(11): 3389–93.
- Ji YS., Lestari, N.D., dan Rinanda, T., (2012), Uji Aktivitas antibakteri ekstrak etanol 30% dan 96% kelopak bunga rosella (*Hibiscus sabdariffa*) terhadap bakteri *Streptococcus pyogenes* secara *in vitro*, *Jurnal Kedokteran Syiah Kuala* 12(1): 31-36.
- Joomwong, A., Jintana, J., dan Patrichat, T., (2015), Evaluation of Antioxidant Capacity in some Local Fruits in Chiang Mai, 527-529.
- Jorgensen, J.H., dan Ferarro, M.J., (2009), Antimicrobial Susceptibility Testing: A Review of General Principles and Contemporary Practices, *Medical Infectious Diseases* 49(1): 1794-1755.
- Kojian, R., (2011), *Elaeagnus latifolia*, <http://tropical.theferns.info/viewtropical.php?id=Elaeagnus+latifolia>. (Diakses 17 Februari 2018 pkl 10.22 WIB).
- Kristanti, A.N., Aminah, N.S., Tanjung, M., dan Kurniadi, B., (2008), *Buku Ajar Fitokimia*, Airlangga University Press, Surabaya Hal 23, 47.
- Kuete, V., Ango, P.Y., Fotso, G.W., Kapche, G.D.W.F., Dzoyem, J.P., dan Wouking, A.G., (2011), Antimicrobial Activities of the Methanol Extract and Compounds from *Artocarpus communis* (Moraceae), *BMC Complement. Altern. Med.* 11:42.
- Kuroda, M., Ohia, T., Uchiyama, T., Baba, T., Yuzawa, H., Kobayashi, I., dkk., (2001), Whole genome sequencing of methicillin-resistant *Staphylococcus aureus*, *The Lancet* 357:1225-1240.

- Madigan, M.T., Martinko, J.M., Stahl, D.A., dan Clark, D.P., (2012), *Biology of Microorganism 13th ed*, Benjamin Cummings, San Fransisco Hal 140-141.
- Magama, S., Pretorius, J.C., dan Zietsman, P.C., (2003), Antimicrobial properties of extracts from *Euclea crispa* subsp. *crispa* (Ebenaceae) towards human pathogens, *South African Journal of Botany* 69(2): 193-198.
- Mahmoud, A.L.E., (1999), Inhibition of growth and aflatoxin biosynthesis of *Aspergillus flavus* by extracts of some Egyptian plants, *Letters in Applied Microbiology* 29:334-336.
- Maidan, M., Aziguli, W., dan Gulixian, H., (2011), The anti-inflammatory, analgesic, antipyretic and antibacterial activities of aqueous extract from *Eleagnus angustifolius*, *Journal of Northwest Pharmaceutical* 26: 43-46.
- Manandhar, N.P., (2002), *Plants and people of Nepal*, Timber Press, Oregon. ISBN 088192-527-6.
- Markham, K.R., (1988), *Cara Mengidentifikasi Flavonoid Terjemahan Kokasih Padmawinata*, ITB Press, Bandung.
- Marliyana, S.D., Syah, Y.M., dan Mujahidin, D., (2017), Aktivitas Antibakteri Secara *In Vitro* Terhadap Bakteri Isolat Klinis Turunan Galkon Dari Rimpang *Kaempferia pandurata*, *Jurnal Penelitian Kimia* 13(1): 41-51.
- Meena, R. L., Rathore, R. S., dan Mathur, K., (2003), Evaluation of fungicides and plant extracts against banded leaf and sheath blight of maize, *Indian J Plant Protect* 31:94-97.
- Nath, A., Swer, T.L., Deka, B.C., dan Patel, R.K., (2011), Nutritional Status and Value addition in Sohshang Fruit (*Elaeagnus latifolia*), *Journal of Beverage & Food World* 38(12) : 45-47.
- Natheer, S.E., Sekar, C., Amutharaj, P., Rahman, M.S.A., dan Khan, K.K., (2012), Evaluation of Antibacterial Activity of *Morinda citrifolia*, *Vitex trifolia*, and *Chromolaena odorata*, *African Journal of Pharmacy and Pharmacology* 6(14): 783-788.
- Nina, S., dan Erlinda, W., (2015), Aktivitas Antioksidan Ekstrak Metanol Daun Kelengkeng (*Euphoria longan* (L) Steud.) Dengan Metode Penangkapan Radikal 2,2'-difenil-1-pikrilhidrazil, *Pharmaciana* 5(1), 25-34.

- Nohong., (2009), Skrining Fitokimia Tumbuhan *Ophiopogon jaburan* Lodd dari Kabupaten Kolaka Provinsi Sulawesi Tenggara. Sulawesi Tenggara, *Jurnal Pembelajaran Sains* 5(2): 172-178.
- Nurfailah, D., Wibawa, P.J., dan Wijanarko., (2008), Uji Aktivitas Antibakteri Produk Reduksi Asam Palmitat Dalam Sistem $\text{NaBH}_4/\text{BF}_3\text{Et}_2\text{O}$ Terhadap *Escherichia coli* Dan *Staphylococcus aureus*, *Journal Kimia Terapan* 1-10.
- Oleaster, B., (2014), Useful tropical plants *Elaeagnus latifolia*, <http://tropical.theferns.info/viewtropical.php?id=Elaeagnus+latifolia>. (diakses tanggal 12 januari 2018 pkl 10.30).
- Padmawinata, K., (1995), *Kandungan Organik Tumbuhan Tinggi*, ITB Press, Bandung. (Terjemahan dari Robinson, T., (1991), *The Organic Constituents of Higher plant*, 6th ed).
- Panja, S., Chaudhuri, D., Ghate, N.B., Minh, H.L., dan Mandal, N., (2013), *In Vitro* assessment of phytochemicals, antioxidant and DNA protective potential of wild edible fruit of *Elaeagnus latifolia* Linn, *Journal of Fruits* 69:303-314.
- Pavia, D.L., Lampman, G.M., Kriz, G.S., dan Vyvyan, J.R., (2009), *Introduction to Spectroscopy*, Brooks/Cole, Washington.
- Pawar, B. T., (2011), Antifungal activity of some stem extracts against seed-borne pathogenic fungi, *Journal of Phytology* 3(12): 49-51.
- Pelczar, M.J., dan Chan, E.C.S., (2005), *Dasar-Dasar Mikrobiologi 1: Alih Bahasa*, Hadioetomo, R.S., Imas, T., Tjitrosomo, S.S., dan Angkka, S.L, UI Press, Jakarta.
- Phongpaichit, S., Puenjob, N., Rukachaisirikul, W., dan Ongsakul, M., (2004), Antifungal activity from leaf extracts of *Cassia alata* L. *Cassia fistula* L. And *Cassia tora* L. *Songklanakarin J. Sci. Technol* 26(5) : 741-748.
- Pratiwi, S.T., (2008), *Mikrobiologi Farmasi*. Erlangga, Jakarta. Hal 150-171.
- Preethi, R., Vimal, V. D., dan Loganathan, M., (2010), Antimicrobial and antioxidant efficacy of some medicinal plants against food borne pathogens, *Adv. In Bio.Res* 4 (2): 122-125.

Pusat Konservasi Tumbuhan Kebun Raya LIPI., (2016), *Koleksi Tanaman Merambat Kebun Raya Bogor*. <http://www.krbogor.lipi.go.id/id/Koleksi-Tanaman-Merambat-Kebun-Raya-Bogor.html> (diakses tanggal 12 Januari 2018 Pkl 10.00 WIB).

Rachman, A.N., dan Siagian, R.M., (1976), *Dimensi Serat Jenis Kayu Indonesia Bagian III*, Laporan LPHH No.75, Bogor.

Rijke, E., (2005), *Trace-level Determination of Flavonoids and Their Conjugates Application Plants of The Leguminosae Family*, Disertasi, Universitas Amsterdam, Amsterdam.

Robinson, T., (1995), *Kandungan Organik Tumbuhan Tinggi Edisi VI*. Diterjemahkan oleh Kokasih Padmawinata, ITB Press, Bandung. Hal 281.

Rosa, L.H., Tabanca, N., Tehen, N., Wedge, D.E., Pan, Z., Bernier, U.R., Becnel, J.J., Agramonte, N.M., Walker, L., dan Moraes, R., (2012), Diversity and biological activities of endophytic fungi associated with micropropagated medicinal plant *Echinacea purpurea* (L.) Moench, *American Journal of Plant Sciences* 3:1105-1114.

Salle, A.J., (1961), *Fundamental Principle of Bacteriology*, 5th ed. McGraw Hill Company Inc, New York. Hal 719, 738-739.

Sangi, M., Runtuwenw, M.R.J., Simbala, H.E.I., dan Makang, V.M.A., (2008), Analisis Fitokimia Obat Di Kabupaten Minahasa Utara, *Journal of Chemistry* 1(1): 47-53.

Sanusi, I., dan Marham, S., (2012), *Teknik Laboratorium Kimia Organik*, Graha Ilmu, Padang.

Sastrohamidjojo, H., (1997), *Sintesis Bahan Alam*, Gadjah Mada University Press, Yogyakarta.

Seal, T., (2012), Evaluation of Nutritional Potential of Wild Edible Plants, Traditionally Used by the Tribal People of Meghalaya State in India, *American Journal of Plant Nutrition and Fertilization Technology*, ISSN 1793-9445.

Shabir, G., Anwar, F., Sultana, B., Khalid, Z.M., Afzal, M., Khan, Q.M., dan Ashrafuzzaman, M., (2011), Antioxidant and Antimicrobial Attributes and

Phenolics of Different Solvent Extracts from Leaves, Flowers and Bark of Gold Mohar [*Delonix regia* (Bojer ex Hook.) Raf, *Molecules* 16: 7302-7319

Shanmugavalli, N., Umashankar, V., dan Raheem., (2009), Antimicrobial activity of *Vanilla planifolia*, *Indian J. Sci. Technol* 2 (3):37-40.

Sharma, A., (2011), Antibacterial activity of ethanolic extracts of some arid zone plants, *Int J of Pharm Tech Res* 3(1):283-286.

Silverstein, R.M., dan Webster, F.X., (1981), *Spectrometric Identification of Organic Compounds*. 7th ed, John Wiley and Sons Inc, New York.

Sirait, M., (2007), *Penuntun Fitokimia dalam Farmasi*, Institut Teknologi Bandung, Bandung.

Stahl, E., (1985), *Analisis Obat secara Kromatografi dan Mikroskopi*, Edisi terjemahan (diterjemahkan oleh Kosasih Padmawinata, Iwang Soediro), ITB press, Bandung.

Sumarno., (2001), *Kromatografi Teori Dasar*, Bagian Kimia Farmasi Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Susanto, D., Sudrajat., dan Ruga, R., (2012), Studi Kandungan Bahan Aktif Tumbuhan Meranti Merah (*Shorea leprosula* Miq.) Sebagai Sumber Senyawa Antibakteri, *Mulawarman Scientifie* 11(2):181-190.

Taiz, L., dan Zeiger, E., (1998), *Plant Physiology*, Sinauer Associates, Massachuset.

Tizard., (2000), *Veterinary Immunology. An Introduction*. 6thed, WB Saunders Company, Philadelphia. Hal:26-34.

Frease, G.E., dan Evans, W.C., (1983), *Pharmacognosy 12th ed*, Bailliere Tindall, London. Hal 573-544.

Profimov, A.N., dan Chuprova, V.A., (2002), Process for Production of B-sitosterol from Tall Oil Products, *Khimiya Rastitel 'nogo Syr'ya* (2): 129-132.

USDA., (1997), *Daftar Tanaman Genera*. Departemen Pertanian Grin (Plasma Nutfah Sumber Daya Informasi Jaringan) database, Amerika Serikat.

- Vickery, M.L., dan Vickery, B., (1981), *Secondary Plant Methabolism*, The Macmillan Press, London.
- Voight, R., (1995), *Buku Pelajaran Teknologi Farmasi*, Diterjemahkan Oleh Noerono Soendani, Gajah Mada University Press, Yogyakarta. Hal 56.
- Wang, Y., Guo, T., Li, J., Zhou, S., dan Zhao, P., (2012), Four flavonoid glycosides from the pulps of *Elaeagnus angustifolia* and their antioxidant activities, *Jurnal University of Technology*, Lanzhou, Cina.
- Warsa, U.C., (1994), *Buku Ajar Mikrobiologi Kedokteran*, Binarupa Aksara, Jakarta.
- Yanti, L., (2017), *Isolasi dan Identifikasi Senyawa Metabolit Sekunder dari Daun Elaeagnus latifolia serta Uji Antioksidannya*, Skripsi, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Negeri Medan.
- Yuhernita., dan Juniarti., (2011), Analisis Senyawa Metabolit Sekunder dari Ekstrak Metanol Daun Surian yang Berpotensi Sebagai Antioksidan, *Makara Sains* 15(1):48-52.
- Yunita, D.W., (2012), Aktivitas antibakteri ekstrak etanol kayu secang (*Caesalpiniasappan* L.) terhadap *Staphylococcus aureus* atcc 25923, *Shigella sonnei* atcc 9290, dan *Escherichia coli* atcc 25922, Skripsi, Universitas Muhammadiyah Surakarta, Surakarta.

THE
Character Building
UNIVERSITY