

DAFTAR PUSTAKA

- Aiyegoro, A.O., Afolayan, A.J., dan Okoh, A.I., 2009, In Vitro Antibacterial Activities of Crude Extracts of The Leaves of *Helichrysum Longifolium* in Combination with Selected Antibiotics, *African Journal of Pharmacy and Pharmacology*, 3(6):293-300.
- Abaza, L., Ben Youssef, N., Manai, H., Mahjoub Haddada, F., Methheni, K., dan Zarrouk, M., 2011, Chetoui Olive Leaf Extracts: Influence of The Solvent Type on Phenolics and Antioxidant Activites, *Grasas Aceites*, 62(1):96-104.
- Apak, R., Gorinstein, S., Böhm, V., Schaich, K. M., Özyürek, M., & Güçlü, K., 2013, Methods of Measurement and Evaluation of Natural Antioxidant Capacity/Activity (IUPAC Technical Report), *Pure and Applied Chemistry*, 85(5):957-998.
- Bagatin, E., Timpano, D.L., Guadanhim, L.R. dos S., Nogueira, V.M.A., Terzian, L.R., Steiner, D., dan Florez, M., 2014, Acne Vulgaris: Prevalence and Clinical Forms in Adolescents from Sao Paulo, Brazil, *An Bras Dermatol*, 89:428-435.
- Bassole, I.H.N., Lamien-Meda, A., Bayala, B., Obame, L.C., Ilboudo, A.J., Franz, C., Novak, J., Nebie, R.C., dan Dicko, M.H., 2011, Chemical Composition and Antimicrobial Activity of *Cymbopogon Citratus* and *Cymbopogon Giganteus* Essential Oils Alone and in Combination, *Phytomedicine*, 18(12):1070-1074.
- Bhate, K., dan Williams, H.C., 2013, Epidemiology of Acne Vulgaris, *British Journal of Dermatology*, 168:474-485.

- Burdock. G., 2002, *Fanaralis Flavor Ingredients*, Boca Raton, Florida, CRC Press.
- Cazes, J., 2001, *Encyclopedia of Chromatography*, Marcell Dekker Inc., New York.
- Claire, K.S., dan Lake, E.P., 2018, Acne Basics: Pathophysiology, Assessment, and Standard Treatment Options, *Journal of The Dermatology Nurses' Association*, 10:11-14.
- CLSI, 2012, *Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria That Grow Aerobically*, Approved Standard.
- CLSI, 2017, *Performance Standards for Antimicrobial Susceptibility Testing*, Edisi 27, Wayne: CLSI Supplement M100-S20.
- Dewi, T., Alifah, I., Bhayangkara, T.P., dan Jason, G.J., 2016, *Pengujian Aktivitas Antioksidan Menggunakan Metode DPPH pada Daun Tanjung (*Mimusops elengi* L.)*, Universitas Indonesia, Depok.
- Dréno, B., Pécastaings, S., Corvec, S., Veraldi, S., Khammari, A., dan Roques, C., 2018, *Cutibacterium acnes* (*Propionibacterium acnes*) and Acne Vulgaris: a Brief Look at The Latest Updates, *Journal of The European Academy of Dermatology and Venereology*, 32:5-14.
- Erawati, 2012, *Uji Aktivitas Antioksidan Ekstrak Daun Garcinia adalanthra Pierre Dengan Metode DPPH (1,1-Difenil Pikrihidrazil) dan Identifikasi Golongan Senyawa Kimia Dari Fraksi Paling Aktif*, Universitas Indonesia Jakarta.
- El Kamari, F., Taroq, A., El Atki, Y., Aouam, I., Oumokhtar, B., Lyoussi, B., Abdellaoui, A., 2018, *Cymbopogon nardus* L Essential Oil: Phytochemical Screening and Its Antibacterial Activity Against Clinical Bacteria Responsible

for Nosocomial Infection in Neonatal Intensive Care, *International Journal of Pharmaceutical Science Review and Research*, 50:14-17.

Fajar, R.L., Wrsiati, L.P., dan Suhendra, L., 2018, Kandungan Senyawa Flavonoid dan Aktivitas Antioksidan Ekstrak Teh Hijau pada Perlakuan Suhu Awal dan Lama Penyeduhan, *Jurnal Rekayasa dan Manajemen Agroindustri ISSN*, 6(3):197-202.

Falah, S., 2016, Ketinggian Tempat Antioxidant Activities of GMB 7 Variety of Tea at Different Altitude, *Balai Penelitian Tanaman Industri dan Penyegar Jalan Raya Pakuwon Parungkuda Sukabumi, Fakultas Matematika dan Ilmu Pengetahuan Alam*, 3:53-60.

Gandjar, I.G., dan Rohman, A., 2015, *Kimia Farmasi Analisis*, Penerbit Pustaka Pelajar, Yogyakarta.

Harianingsih, Wulandari, R., Harliyanto, C., dan Andiani, CN., 2017, Identification of GC-MS Essential Oils Extraxt from Citronella (*Cymbopogon winterianus*) Using Metanol Solvent, *Techno*, 18(1): 23-27.

Hay, R.J., Johns, N.E., Williams, H.C., Bolliger, I.W., Dellavalle, R.P., Margolis, D.J., Marks, R., Naldi, L., Weinstock, M.A., Wulf, S.K., Michaud, C., J.I. Murray, dan Naghavi, M., 2014, The Global Burden of Skin Disease in 2020: An Analysis of The Prevalence and Impact of Skin Conditions, *Journal of Investigative Dermatology*, 134:1527-1534.

Heng, A.H.S., dan Chew, F.T., 2020, Systematic Review of The Epidemiology of Acne Vulgaris, *Scientific Reports*, 10:1-29.

- Iftikhar, U., dan Choudhry, N., 2019, Serum Levels of Androgens in Acne & Their Role in Severity, *Pak J Med Sci*, 35:146.
- Ju, J., Chen, X., Xie, Y., Yu, H., Guo, Y., Cheng, Y., Qian, H., dan Yao, W., 2019, Application of Essential Oil as a Sustained Release Preparation in Food Packaging, *Trends in Food Science and Technology*, 92: 22–32.
- Leber, A. L., 2016, *Clinical Microbiology Procedures Handbook*, Edisi 4, American Society for Microbiology Press, Washington DC.
- Lertsatitthanakorn, P., Taweechaisupapong, D., Aromdee, C., dan Khunkitti, 2006, In Vitro Bioactivities of Essential Oil Used for Acne Control, *Int. J. Aromather*, 16(1):43-49.
- Luangnarumitchai, S., Lamlerthon, S., dan Tiyafoonchai, W., 2007, Antimicrobial Activity of Essential Oil Againsts Five Strains of *Propionibacterium acnes*, *Mahidol University Journal of Pharmaceutical Sciences*, 34:60-64.
- Ma'sum, Zuhdi, dan Wahyu Diah Proborini, 2016, Optimasi Proses Distilasi Uap Essential Oil, *Jurnal Reka Buana*, 1(2):9-105.
- Mahon, C.R., dan Manuselis, J.R., 1995, *Textbook of Diagnostic Microbiology*, WB Saunders Company, Philadelphia USA.
- Malik, A., Ahmad, A.R., dan Najib, A., 2017, Pengujian Aktivitas Antioksidan Ekstrak Terpurifikasi Daun Teh Hijau dan Jati Belanda, *Jurnal Fitofarmaka Indonesia*, 4(2):238-240.
- Martins, I.M., Cortés, J.C.G., Muñoz, J., Moreno, M.B., Ramos, M., Clemente-Ramos, J.A., Durán, A., and Ribas, J.C., 2011, Differential Activities of Three Families

of Specific Beta (1,3) Glucan Synthase Inhibitors in Wild-Type and Resistant Strains of Fission Yeast, *J Biol Chem*, 286, 3484–3496.

McDowell, A., dan Nagy, I., 2014, Propionibacteria and Disease, *Molecular Medical Microbiology*, 46:837-858.

McLaughlin, J., Watterson, S., Layton, A.M., Bjourson, A.J., Barnard, E., and McDowell, A., 2019, Cutibacterium acnes and Acne Vulgaris: New Insights from The Integration of Population Genetic, Multi-Omic, Biochemical and Host-Microbe Studies, *Microorganisms*, 7:128.

Migliato, K.F., dan Mello, C.P., 2010, Antimikrobia and Cytotoxic Activity of Fruit Exsrtact from *Syzygium cumini* (L) Skell, *Latin American Journal of Pharmacy*, 725-730.

Molyneux, P., 2004, The Use of The Stable Free Radikal Diphenyl Picrylhydrazyl (DPPH) for Estimating Antioxidant Activity, *Journal Science of Technology*, 26(2):211-219.

Mu, K., 2012, Development of Mathematical Model for the Prediction of Essential Oil Extraction from Eucalyptus Citrodora Leave, 2(3): 2298-2306.

National Center for Biotechnology Information (NCBI), 2023, *Cutibacterium acnes*, <https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?mode=info&id=1747>, diakses pada tanggal 14 Oktober Pukul 11.27 WIB.

Nugraha, A., Bayu, A., dan Nandiyanto, D., 2021, How to read and Interpret GC/MS Spectra Indonesian Journal of Multidisciplinary Research. *Indonesian Journal of Multidisciplinary Research*, 1(2), 171–206.

- Pelczar, M.J., dan Chan, E.S.C., 1988, *Dasar-Dasar Mikrobiologi*, Edisi II, UI Press, Jakarta.
- Pokorny, J., Yanishlieya, N., dan Gordon, M., 2001, *Antioxidant in Food: Practical Application*, CRC Press, New York.
- Pontes, E.K.U., Melo, H.M., Nogueira, J.W.A., Firmino, N.C.S., de Carvalho, M.G., Júnior, F.E.A.C., 2018, Antibiofilm Activity of The Essential Oil of Citronella (*Cymbopogon nardus*) and Its Major Component, Geraniol, on The Bacterial biofilms of *Staphylococcus aureus*, *Food Sci Biotechnol.* 28(3):633–9.
- Pothitirat, W., Chomnawang, M., Supabphol, R., Gritsanapan, W., 2010, Comparison of Bioactive Compounds Content, Free Radical Scavenging and Anti-Acne Inducing Bacteria Activities of Extracts from The Mangosteen Fruit Rind At Two Stages of Maturity, *Fitoterapi*, 80:442-7.
- Prakash, A., 2011, Antioxidant Activity, *Journal Analytical Progress*, 19(2):1-6.
- Promila dan Madan, V.K., 2018, A Review on The Phytochemistry and Pharmacology of *Cymbopogon citratus* Stapf. (Lemongrass), *The Pharma Innovation Journal*, 7(3):300-304.
- Purwanti, L., 2019, Perbandingan Aktivitas Antioksidan dari Seduhan 3 Merk Teh Hitam (*Camellia sinensis* (L.) Kuntze) dengan Metode Seduhan Berdasarkan SNI 01-1902-1995, *Jurnal Ilmiah Farmasi Farmasyifa*, 2(1):19-25.
- Putriningtyas, D., 2014, *Aktivitas Antibakteri Minyak Atsiri Daun Sirih Merah (*Piper crocatum* ruiz & pav.) dan Minyak Atsiri Daun Sereh Wangi (*Cymbopogon**

nardus (L.) rendle) Asal Tawangmangu Terhadap Bakteri *Staphylococcus aureus* dan *Escherichia coli*, Universitas Muhammadiyah Surakarta, Surakarta.

Ramírez-Aristizabal, L. S., Ortiz, A., dan Ospina-Ocampo, L. F., 2015, Evaluation of The Antioxidant Capacity and Characterization of Phenolic Compounds Obtained from Tea (*Camellia sinensis*) for Products of Different Brands Sold in Colombia, *Pharmacology on Line*, 3:149-159.

Rastuti, U., Diastuti, H., Chasani, M., Purwati, P., dan Hidayatullah, R., 2020, Chemical Composition and Antioxidant Activities of Citronella Essential Oil *Cymbopogon nardus* (L.) rendle Fractions, *AIP Publishing*, 1: 2237.

Resti, R., dan Hendra, T.S., 2015, Treatment for Acne Vulgaris, *J. Majority*, 4(2).

Rohman, A., 2014, *Statistika dan Kemometrika Dasar Dalam Analisis Farmasi*, Pustaka Pelajar, Yogyakarta.

Santoso, B.M., 2007, *Sereh Wangi Bertanam dan Penyulingan*, Penerbit Kanisius, Yogyakarta.

Sastrohamidjojo, H., 2002, *Kimia Minyak Atsiri*, FMIPA UGM, Yogyakarta.

Shannon, J.F., 2020, Why do Humans Get Acne? A Hypothesis, *Elsevier*, 134.

Sibbald, D., 2020, Acne Vulgaris, dalam DiPiro, J.T., Yee, G.C., Posey, L.M., Haines, S.T., Nolin, T.D., dan Ellingrod, V.L., (eds), *Pharmacotherapy: A Pathophysiologic Approach*, McGraw Hill, United States.

Sulaswatty, A., Adilina, I., 2019, *Minyak Serai Wangi dan Potensinya*, In: *Quo Vadis Minyak Serai Wangi dan Produk Turunannya*, LIPI Press.

- Sutaria, A.H., Masood, S., dan Schlessinger, J., 2022, *Acne Vulgaris*, StatPearls, Florida.
- Swamy, M.K., Akhtar, M.S., dan Sinniah, U.R., 2016, *Antimicrobial Properties of Plant Essential Oils against Human Pathogens and Their Mode of Action : An Updated Review*, Evidence-Based Complementary and Alternative Medicine.
- Tellu, F.Y. (Florenchia), Sunarto, S. (Sunarto), dan Utami, E.D. (Esti), 2019, Aktivitas Antibakteri Ekstrak Etil Asetat Kulit Buah Manggis (*Garcinia Mangostana* L.) terhadap *Propionibacterium Acnes*, *Acta Pharmaciae Indonesia*, 7, 58–67.
- Tibenda, J.J., Yi, Q., Wang, X., dan Zhao, Q., 2022, Review of Phytomedicine, Phytochemistry, Ethnopharmacology, Toxicology, and Pharmacological Activities of *Cymbopogon* Genus, *Front Pharmacol*, 13: 997918.
- Tuchayi, S.M., Makrantonaki, E., Ganceviciene, R., Dessinioti, C., Feldman, S.R., dan Zouboulis, C.C., 2015, *Acne Vulgaris*, *Nature Reviews Disease Primers*, 1:1-20.
- Widyasanti, A., Rohdiana, D., 2016, Aktivitas Antioksidan Ekstrak Teh Putih (*Camellia sinensis*) dengan metode DPPH (2,2 Difenil-1-Pikrilhidrazil), 1(1):1-9.
- Williams, H.C., Dellavalle, R.P., dan Garner, S., 2012, *Acne Vulgaris*, *The Lancet*, 379:361-372.
- Zgoda, J.R., dan Porter, 2001, A Convenient Microdilution Method for Screening Natural Products Against Bacteria and Fungi, *Pharmaceutical Biology*, 39(3):221-225.

Zouboulis, C.C., 2014, Acnes as a Chronic Systemic Disease, *Clin Dermatol*, 32:389-396.