

DAFTAR PUSTAKA

- Agusta, A., 2000, *Minyak Atsiri Tumbuhan Tropis Indonesia*, 5, 28-38, Penerbit ITB, Bandung.
- Akhyar, 2010, Uji Daya Hambat dan Analisis KLT Bioautografi Ekstrak Akar dan Buah Bakau (*Rhizopora stylosa* Griff) terhadap *Vibro harveyi*, *Skripsi*, Universitas Hasanuddin, Makassar.
- Akujobi, C.O., & Njoku, H.O., 2010, Bioassay for the Determination Sensitivity to Nigerian Honey, *Global Journal of Pharmacology*, 4 (1) : 36-40.
- Al-Khafagee, N.S., Al-Rubiae, F.M., Witwit, L.J., & Al-Dahmoshi, H.O., 2013, Isolation & Characterization of *Porphyromonas gingivalis* and Determination of Some Immunological Aspect in Patients with Periodontitis, *International Journal of Dental Research & Development*, Vol. 3 : 1-6.
- Amalia, R., Fidrianny, I., dan Sukarso, 2006, Telaah Kandungan Kimia Ekstrak Etil Asetat Daun Pohpohan (*Pilea trinervia* Wight.), *Skripsi*, Fakultas Farmasi Institut Teknologi Bandung, Bandung .
- Ardani, M., Pratiwi, S.U.T., & Hertiani, T., 2010, Efek Campuran Minyak Atsiri Daun Cengkeh dan Kulit Batang Kayu Manis sebagai Antiplak Gigi, *Majalah Farmasi Indonesia*, 21(3), 191 – 201.
- Atlas, R.M., 2010, *Handbook of Microbiological Media*, 4th Ed., 1249, CRC press, USA.
- Basset, J., R.C. Denney, G.H. Jeffrey, J. Mendhoom, 1994, *Buku Ajar Vogel Kimia Analisa Kuantitatif Anorganik*, EGC, Jakarta.
- Bhojwani, S.S. & Razdan, M.K., 1996, *Plant Tissue Culture : Theory and Practice*, A Revised Edition, Amsterdam.
- Bougatsos, C., Ngassapa, O., Runyoro, D.K.B., Chinou, I.B., 2004, Chemical Compisition and in vitro Antimicrobial Activity of the Essential Oils of Two Helichrysum Species from Tanzania, *Verlag der Zeitschrift fur Naturforschung*, 58c : 368-372.
- Brooks, G.F., Butel, J.S., & Morse, M.A., 2001, *Mycobacteriaceae in Jaweszt Medical Microbiology*, 22ed, McGraw-Hill Companies.
- Chapdelaine, J.M., *MTT Reduction - A Tetrazolium-Based Colorimetric Assay for Cell Survival and Proliferation*, Pharmakon Research International Inc., USA.

- Christensen, G.D., Andrew, W.S., Younger, J.J., Baddour, L.M., Barret, F.F., Melton, D.M., and Beachey, E.H., 1985, Adherence of Coagulase Negative Staphylococci to Plastic Tissue Culture Plates: a Quantitative Model for Adherence of Staphylococci to Medical Devices, *Journal of Clinical Microbiology*, 996-1006.
- Desminarti, S., 2001, Kajian Serat Pangan dan Antioksidan Alami beberapa Jenis Sayuran serta Daya Serap dan Retensi Antioksidan pada Tikus Percobaan, *Tesis*, Institut Pertanian Bogor, Bogor.
- Donlan, R.M., 2002, Biofilms : Microbial Life on Surface, *Emerging Infectious Diseases*, 9 : 881-890.
- Esmaceli, A., Rustaiyan, A., Nadimi, M., Larijani, K., Nadjafi, F., Tabrizi, L., Chalabian, F., Amiri, H., 2008, Chemical Composition and Antibacterial Activity of Essential Oil from Leaves, Stems, and Flowers of *Salvia reuteriana* Boiss. Grown in Iran, *PubMed Journal*, 22(6) : 516-520.
- Gandjar, I.G., & Rohman, A., 2004, *Kimia Farmasi Analisis*, Pustaka Pelajar, Yogyakarta.
- Guenther, E., 2006, *Essential Oil*, Vol. 6, Krieger Publishing Company, USA.
- Gunawan, D., & Mulyani, S., 2004, *Ilmu Obat Alam (Farmakognosi)*, Jilid 1, 106-114, Penebar Swadaya, Jakarta.
- Gursoy, U.K., Mervi, G., Orhan, V.G., Lutfu, C., Eija, K., Veli-Jukka, U., Sutton, S. 2009, Anti-biofilm Properties of *Satureja hortensis* L. Essential Oil Against Periodontal Pathogens, *Elsevier*, 15 : 164–167.
- Hahn-deinstrop, E., 2007, *Applied Thin-Layer Best Practice and Avoidance of Mistakes*, 2nd ed., Verlag GmbH & Co. KGaA, Jerman.
- Handayani D, 2007, Identifikasi Karakter Hortikultura Beberapa Sayuran Indigenous, *Skripsi*, Institut Pertanian Bogor, Bogor.
- Harti, A.S., 2015, *Mikrobiologi Kesehatan*, Hal.149, Penerbit ANDI, Surakarta.
- Helianthy, I., 2008, *Biofilm untuk Stabilisasi Bangunan agar Tahan Gempa*, Pusat Teknologi Bioindustri, BPPT, Jakarta.
- Heyne, K., 1987, *Tumbuhan Berguna Indonesia*, Badan Litbang Kehutanan, Jakarta.
- Ho, M.H., Chen, C.H., Goodwin, J.S., Wang, B.Y., & Xie, H., 2015, Functional Advantages of *Porphyromonas gingivalis* Vesicles, 10 : 1-11.

- Holt, S. C., L. Kesavalu, S. Walker, & C.A. Genco, 1999, Virulence Factors of *Porphyromonas gingivalis*, *Periodontol* 2000, 20 : 168–238.
- Hugo & Russell's, 1998, *Pharmaceutical Microbiology*, Ed.VI, Blackwell Publishing Company, USA.
- Jamilah, I., 2003, Biofilm sebagai Mikrolingkungan Bakteri yang Unik : Seberapa Jauh Kita Mengenalnya, *Makalah Falsafah Sains Program Pasca Sarjana*, Institut Pertanian Bogor, Bogor.
- Ketaren, S., 1985, *Pengantar Teknologi Minyak Atsiri*, Balai Pustaka, Jakarta.
- Khudry, A., Boy, R.S., P. Kianto, A., 2014, *Aktivitas Antibakteri Ekstrak Daun Pohpohan (Pilea trinervia W.) terhadap Escherichia coli dan Staphylococcus aureus*, Universitas Atma Jaya Yogyakarta, Yogyakarta.
- Kong, L., Qi, X., Huang, S., Chen, S., Wud, Y., Zhao, L., 2015, Theaflavins Inhibit Pathogenic Properties of *P. gingivalis* and MMPs Production in *P. gingivalis*-Stimulated Human Gingival Fibroblasts, *Archives of Oral Biology*, 60 : 12-22.
- Krieg, N.R., Staley, J.T., Brown, D.R., Hedlund, B.P., Paster, B.J., Ward, N.L., Ludwig, W., & Whitman, W.B., 2010, *Bergey's Manual of Systematic Bacteriology*, 2nd ed. Vol. 4., Springer, USA.
- Lasserre, J.F., Leprince, J.G., Toma, S., Brex, M.C., 2015, Electrical Enhancement of Chlorhexidine Efficacy Against the Periodontal Pathogen *Porphyromonas gingivalis* within A Biofilm, *New Microbiological*, Vol. 38 : 511-519.
- Lewis, R., 1997, *Human Genetic Concepts and Application*, 2nd ed., WEB, USA.
- Li, C., Kurniyati, Bo Hu, Bian, J., Sun, J., Zhang, W., Liu, J., Pan, Y., Chunhao Li, 2012, Abrogation of Neuraminidase Reduces Biofilm Formation, Capsule Biosynthesis, and Virulence of *Porphyromonas gingivalis*, *American Society for Microbiology*, Vol. 80 (1) : 3-13.
- Li, X., Yan, Z., & Xu, J., 2003, Quantitative Variation of Biofilms Among Strains in Natural Populations of *Candida albicans*, *Microbiology*, 149, 353–362.
- LIPI, 1977, *Lembaga Biologi Nasional : Sayur-sayuran*, Balai Pustaka, Jakarta.
- Lutony, T.L., & Rahmayati, Y., 1994, *Produksi dan Perdagangan Minyak Atsiri*, Penerbit Penebar Swadaya, Jakarta.
- Marsh, P.D., 2009, Dental Plaque as a Microbial Biofilm, *Caries Res*, 38: 204-211.

- Marzoug, H.N.B., Romdhane, M., Lebrihi, A., Mathieu, F., Coudrec, F., Abderraba, M., Khouja, M.L., Bouajila, J., 2011, *Eucalyptus oleosa* Essential Oils: Chemical Composition and Antimicrobial and Antioxidant Activities of the Oils from Different Plant Parts (Stems, Leaves, Flowers, and Fruits), *Journal Molecules*, 16: 1695-1709.
- More, G., Lall, N., Hussein, A., & Tshikalange, T.E., 2012, Antimicrobial Constituents of *Artemisia afra* Jacq. ex Willd. against Periodontal Pathogens, *Evidence-Based Complementary and Alternative Medicine*, 1-7.
- NCBI, 2017, PubChem, <https://pubchem.ncbi.nlm.nih.gov/compound>, 15 Maret 2017.
- O'Toole, G.A., 2011, Microtiter Dish Biofilm Formation Assay, *Journal of Visualized Experiments*. 1-2.
- Papaioannou, W., Panagopoulos, A., Koletsi-Kounari H., Kontou, E., Makou, M., 2012, *International Journal of Dentistry*, 1-6.
- Peeters, E., Nelis, H.J., & Coenye, T., 2007, Comparison of Multiple Methods for Quantification of Microbial Biofilms Grown in Microtiterplate, *Journal of Microbiological Methods*, 72 : 157-165.
- Pejin, B., Savic, A., Sokovic, M., Glamoclija, J., Ciric, A., Nikolic, M., Radotic, K., Majovic, M., 2014, Further in vitro Evaluation of Antiradical and Antimicrobial Activities of Phytol, *PubMed Journal*, 28(6): 372-6.
- Peoloengan, M., Chairul, Komala, I., Salmah, S., & Susan, M.N., 2006, Aktivitas Antimikroba dan Fitokimia dari Beberapa Tanaman Obat, *Naskah Seminar Nasional Teknologi Peternakan dan Veteriner*, Fakultas Peternakan IPB, Bogor.
- Perry, J.J., Staley, J.T., & Lory, S., 2002, *Microbial Life*, Sinauer Associates, Massachusetts, 154-155.
- Pourhajibagher, M., Chiniforush, N., Raoofiana, R., Ghorbanzadeh, R., Shahabi, S., & Bahador, A., 2016, Effects of Sub-Lethal Doses of Photo-Activated Disinfection Against *Porphyromonas Gingivalis* for Pharmaceutical Treatment of Periodontal-Endodontic Lesions, *Photodiagnosis and Photodynamic Therapy*, 16 : 50-53.
- Pratiwi, S.U.T., 2008, *Mikrobiologi Farmasi*, Penerbit Erlangga, Jakarta.
- Rasooli, I., Shayegh, S., Taghizadeh, M., & Astaneh, S.D.A., 2008, Phytotherapeutic Prevention of Dental Biofilm Formation. *Phytother Research*, 22 (9), 1162-1167.

- Rodrigues, F.F.G., Oliveira, L.G.S., R. Fabio, F.G., Saraiva, M.E., Almeida, S.C.X., Cabral, M.E.S., Campos, A.R., Costa, J.G.M., 2012, Chemical Composition, Antibacterial, and Antifungal Activities of Essential Oil from *Cordia verbenacea* DC Leaves, *Pharmacognosy Research*, 4(3) : 161-165.
- Rowe, S.C., Sheskey, P.J., & Quinn, M.E., 2009, *Handbook of Pharmaceutical Excipients*, 6th Ed., Pharmaceuitcal Press, London.
- Rusyana, Y., 2011, Flora Indonesia (*Botanical Survival*) tentang Keanekaragaman Flora dan Manfaatnya untuk Kehidupan <http://floranegeriku.blogspot.co.id/2011/06/Pohpohan-pilea-trinervia-wight.html>, 19 Agustus 2016.
- Saosa, R.M.F., de Moraes, S.A.L., Vieira, R.B.K., Napolitano, D.R., Guzman, V.B., Moraes, T.S., Cunha, L.C.S., Martins, C.H.G., Chang, R., de Aquino, F.J.T., do Nascimento, E.A., & de Oliveira, A., 2015, Chemical Composition, Cytotoxic, and Antibacterial Activity of The Essential Oil from *Eugenia calycina* Cambess. Leaves against Oral Bacteria, *Industrial Crops and Products*, 65 : 71-78.
- Sastrapradja, S.D., 2012, *Perjalanan Panjang Tanaman Indonesia*, Yayasan Pustaka Obor Indonesia, Jakarta.
- Sastrohamidjojo, H., 1991, *Spektroskopi*, 163-167, Liberty, Jakarta.
- Sathianarayanan, M.P., Bhat, N.V., Kokate, S.S., Walunj, V.E., 2010, Antibacterial Finish for Cotton Fabric from Herbal Products, *Indian Journal of Fibrie & Textile Research*, Vol. 35: 50-58.
- Schenkein, H.A., 2006, Host Responses in Maintaining Periodontal Health and Determining Periodontal Disease, *Periodontol*, 40, 77-93.
- Schunack, W., Mayer, K., & Haake, M., 1990, *Senyawa Obat, Ed 2*, UGM Press, Yogyakarta.
- Shelburne, C.E., Gleason, R.M., Coulter, W.A., Lantz, M.S., Lopatin, D.E., 2005, Differential Display Analysis of *Porphyromonas gingivalis* Gene Activation Response to Heat and Oxidative Stress, *Oral Microbiol and Immunol* ; 20(4):233-8.
- Siahaan, R., 2010, Isolasi *Salmonella sp.* pada Sayuran Segar di Wilayah Bogor dan Evaluasi Pengaruh Perlakuan Pencucian dengan Sanitaiser Komersial, *Skripsi*, Institut Pertanian Bogor, Bogor.
- Siemonsma, J.S., & Piluek, K., 1994, *Plant Resources of South-East Asia; No.8 Vegetables*, Prosea Foundation, Bogor, Halaman. 224-226.

- Slots, J., & Ting, M., 1999, *Actinobacillus Actinomycetemcomitans* and *Porphyromonas gingivalis* in Human Periodontal Disease: Occurrence and Treatment, *Periodontol*, 20: 82-121.
- Sutrisno, R.B., 1986, *Pereaksi KLT*, Edisi Pertama, Fakultas Farmasi Universitas Pancasila Jakarta, Jakarta.
- Sutton, S. 2011, Measurement of Microbial Cells by Optical Density, *Journal Of Validation Technology XVII* (1): 46-49.
- Tada, H., Shiho, O., Kuroshima, K., Koyama, M., & Tsukamoto, K., 1986, An Improved Colorimetric Assay for Interleukin 2. *J. Immunol. Methods* 93:157-165.
- Van Steenis, C.G.G.J., 2010, *Flora Pegunungan Jawa*, Pusat Penelitian Biologi-LIPI, Bogor.
- Wagner, H. & Blatt, S., 1996, *Plant Drug Analysis: A Thin Layer Chromatography Atlas*, 2nd ed., Springer-Verlag Berlin Heidelberg, New York.
- Wall, P.E., 2005, *Thin Layer Chromatography: Modern A Pratical Approach*, Dorset: VWR International Ltd.
- Zuniga, D., Figueroa, Y., Rodriguez, M., Rivas, A., Lagos, R., Astudillo V., 2012, Virulence and Variability on *Porphyromonas gingivalis* and *Aggregatibacter Actinomycetemcomitans* and Their Association to Periodontitis. *Rev. Clin. Periodoncia Implantol. Rehabil. Oral* Vol. 5(1); 40-45.