

## DAFTAR PUSTAKA

- Abubakar, M.N. dan Majinda, R.R.T., 2016, GC-MS Analysis and Preliminary Antimicrobial Activity of *Albizia adianthifolia* (Schumach) and *Pterocarpus angolensis* (DC), *Medicine*, 3(3):5.
- Adijuwana, Nur M.A. 1989. Teknik Spektroskopi dalam Analisis Biologi. Pusat Antar Universitas IPB, Bogor.
- Ajizah, A., 2004, Sensitivitas *Salmonella Typhimurium* terhadap Ekstrak Daun *Psidium Guajava L*, *Bioscientiae*, 1(1): 8-31.
- Aspriyanti, S.E., Humairo, C.N., Pahlevi, M.R., Nur, A., 2015, The Effect of Coriander Seed (*Coriandrum Sativum*), In Order to Inhibit Biofilm Formation of *Streptococcus Mutants* (An *In Vitro* Study), *Proceeding*, CISAK2015-P-179.
- Bakke, R., 1986, Biofilm Detachment, *Tesis*, Montana State University, USA.
- Beier, R.C., Byrd, J.A., Kubena, L.F., Hume, M.E., McReynolds, J.L., Anderson, R.C., dan Nisbet, D.J., 2014, Evaluation of Linalool, A Natural Antimicrobial and Insecticidal Essential Oil from Basil: Effect on Poultry, *Poultry Science Excellence in Science Publishing*, 93(2):267.
- Bhat, S., Kaushal, P., Kaur, M., dan Sharma, H.K., 2014, Coriander (*Coriandrum sativum* L.): Processing, Nutritional and Functional Aspects, *African Journal of Plant Science*, 8(1): 25-33.
- Budin, G., Chung, H.j., Lee, H., Weissleder, R., 2012, A Magnetic Gram Stain for Bacterial Detection, *A Journal of the Gesellschaft Deutscher Chemiker*, 51(31):7752-7755.
- Cao, X., You, J., Li, S., Zhang, Y., 2012, Antimicrobial Activity of the Extract from *Coriandrum sativum*, *International Journal of Food Nutrition and Safety*, 1(2):54-59.
- Chen, W., Vermaak, I., dan Viljoen, A., 2013, Camphor-A Fumigant during the Black Death and a Coveted Fragrant Wood in Acient Egypt and Babylon-A Review, *Molecules*, 18:5435-5439.
- Chen, W. dan Viljoen, A., 2010, Geraniol — A review of a commercially important fragrance material, *South African Journal of Botany*, 76(4):643.
- Cowan, M.M., 1999, Plant Product as Antimicrobial Agents, *Clin. Microbiol Rev.*, 12(4):564-82

- Dahlan, M.S., 2014, *Statistik untuk Kedokteran dan Kesehatan*, Epidemiologi Indonesia, Jakarta.
- Dash, B.K., Sultana, S., dan Sultana, N., 2011, Antibacterial Activities of Methanol and Acetone Extract of Fenugreek (*Trigonella foenum*) and Coriander (*Coriandrum sativum*), *Life Science and Medicine Research*.
- Diederichsen, 1996, *A Coriander: Coriandrum sativum*, International Plant Genetic Resources Institute, Roma, 8-26.
- Dinesh, M.D., Uma, M.S., Anjali, V.M., Neetushree, Meenathchisundaram, S., dan Shanmugam, V., 2013, Inhibitori Properties of Aqueous Extracts of Selected Indigenous Medicinal Plants Againsts Dental Caries Causing *Streptococcus mutans* and *Streptococcus mitis*, *Africans Journal Basic & Applied Science*, 5(1): 8-11.
- Duggan, C., Watkins, J.B., dan Walker, A., 2008, *Nutritions in Pediatrics: Basic Science, Clinical Applications*, USA.
- Fejerskov, O. dan Kidd, E., 2008. *Dental Caries: The Disease and its Clinical Management*, 2nd ed Blackwell Munksgaard, United Kingdom.
- Forrester, D.J., 1981, *Pediatric dental medicine*, Lea & Febiger, Philadelphia.
- Hadipoentyanti, E. dan Wahyuni, S., 2008, Keragaman Selasih (*Ocimum Sp.*) Berdasarkan Karakter Morfologi, Produksi dan Mutu Herba, *Jurnal Littri*, 14(4): 141-148.
- Hamdi, A.S. dan Bahrudin, E., 2014, *Metode Penelitian Kuantitatif Aplikasi dalam Pendidikan*, Dee Publish, Yogyakarta.
- Harbourne, J.B., 1987, *Metode Fitokimia Penuntun Cara Modern Menganalisis Tumbuhan*, ITB, Bandung.
- Harris, N.O., Godoy, F.G., dan Nathe, C.N., 2004, *Primary Preventive Dentistry*, Pearson New International Edition, Canada.
- Hiremath, S.S., 2011, *Preventive and Community Dentistry*, Elsevier, India.
- Hu, L., Bao, X., dan Wang, Q., 2011, The Repetition Principle in Scientific Research, *Journal of Chinese Integrative Medicine*, 9(9):938.
- Intan, M.T., 2015, Efektifitas Ekstrak Biji Ketumbar 3% Sebagai Obat Kumur Terhadap Akumulasi Plak Pada Mahasiswa Fakultas Kedokteran USU Angkatan 2011, *Skripsi*, Fakultas Kedokteran Gigi Universitas Sumatera Utara, Medan.

- Irianto, K., 2006, *Mikrobiologi: Menguk Dunia Mikroorganisme Jilid 2*, CV. Yrama Widya, Bandung.
- Karpinski, T.M. dan Szkaradkiewicz, A.K., 2013, Microbiology of Dental Caries, *Journal of Biology and Earth Science*, 3(1):M22.
- Kartasapoetra, G., 1996, *Budidaya Tanaman Berkhasiat Obat : Meningkatkan Apotik Hidup dan Pendapatan Para Keluarga Petani dan PKK*, PT. Rineka Cipta, Jakarta.
- Kementrian Kesehatan Republik Indonesia, 2007, *Riset Kesehatan Dasar*, Republik Indonesia.
- Kementrian Kesehatan Republik Indonesia, 2013, *Riset Kesehatan Dasar*, Republik Indonesia.
- Kidd, E., 2005, *Essentials of Dental Caries, 3rd Edition*, Oxford University Press, London, 3-4.
- Kinney, P.R., and Gray, C.D., 1999, *SPSS for Windows Made Simple*, Psychology Press Ltd, UK.
- Krishnan, K.R., James, F., dan Mohan, A., 2016, Isolation and Characterization of n-hexadecanoic Acid from *Canthium parviflorum* Leaves, *Journal of Chemical and Pharmaceutical Research*, 8(8):617
- Krysan, J.L., dan Miller, T.A., 1986, *Method for the study of pest diabrotica*, Springer-Verlag, New York, 69.
- Kulkarni, M.G., dan Sathe, P.S., 2013, Phytochemical and GC-MS analysis of *Hamiltonia suaveolens* (ROXB), *International Journal of ChemTech Research*, 5(1):215.
- Kusumaningsih, T, Hubungan Antara Indeks Keparahan Karies dengan Jumlah *Lactobacillus Sp.* di dalam Saliva Anak Taman Kanak-Kanak sit. Soesilo, D., Santoso, R.E., dan Diyatri, I., 2005, Peranan Sorbitol dalam Mempertahankan Kestabilan pH Saliva pada Proses Pencegahan Karies, *Maj. Ked. Gigi. (Dent. J.)*, 38(1): 25-28.
- Koo, H., Hayacibara, M.F., Schobel, B.D., Cury, J.A., Rosalen, P.L., Park, Y.K., Vacca, Smith, A.M, dan Bowen, W.H., 2003, Inhibition of *Streptococcus mutans* biofilm accumulation an polysaccharide production by apigenin and *tt-farsenol*, *Journal of Antimicrobial Chemotherapy* 52, 782-789.

- Kwiecinski, J., Eick, S., dan Wojcik, K., 2009, Effects of tea tree (*Melaleuca alternifolia*) oil on *Staphylococcus aureus* in biofilms and stationary growth phase, *International Journal of Antimicrobial Agents*, 33 : 343.
- Lamont, R.J. dan Jenkinson, H.F., 2010, *Oral Microbiology at a Glance*, Wiley Blackwell, Hongkong.
- Lestari S.B., dan Pari, G., 1990, Analisis Kimia Beberapa Jenis Kayu Indonesia. *Jurnal Penelitian Hasil Hutan Pusat Penelitian dan Pengembangan Hasil Hutan*. 7(3): 96-100.
- Lim, S.H., Darah, I., dan Jain, K., 2006, Antimicrobial Activities Of Tannins Extracted from *Rhizophora Apiculata* Barks, *Journal Of Tropical Forest Science* 18(1): 59-65.
- Madigan M., Martinko J., 2006, Brock Biology of Microorganisms, Pearson Education, Boston.
- Marsh, P.D. dan Martin, M.V., 2009, *Oral Microbiology*, 5<sup>th</sup> ed., Churchill Livingstone, New York, 25.
- Martirosyan, D.M., 2006, *Functional Foods for Chronic Diseases*, D&A Inc., Richardson, 179.
- McGinty, D., Letizia, C.S., dan Api, A.M., 2011, Fragrance material review on cyclopentadecanone, *Food and Chemical Toxicology*, 49(2):S142.
- Miletis, I., dan Baraba, A., 2011, Aetiologic Factors for Susceptibility: the Location (Number, Location, Activity) and the Plaque (Identification Tools, Scoring), *Journal of Minimum Intervention in Dentistry*, 4(2): 13-16.
- Mitchell, M.L., dan Jolley, J.M., 2010, Research Design Explained, *Wadsworth Cengage Learning*, USA, 15.
- Monroe, D., 2007, Looking for Chinks in the Armor of Bacterial Biofilms. *PLoS Biol*, 5(11).
- Moradian, H., Bazargani, A., Rafiee, A., dan Nazarialam, A., 2013, In Vitro Comparison of Antimicrobial Activity of Aqueous Decoction of *Coriandrum sativum*, and Dentol Drop with Chlorhexidin on *Streptococcus mutans*, *Iranian Journal of Microbiology*, 5(3): 239-243.
- Moscoso, M. and Claverys, J.P., 2004, Release of DNA into the Medium by Competent *Streptococcus Pneumoniae*: Kinetics, Mechanism and Stability of the Liberated DNA sit. Nur, A., Hirota, K., Yumoto, H., Hirao, K., Liu,

D., Takahashi, K., Murakami, K., Matsuo, T., Shu, R., dan Miyake, Y., 2013, Effects of Extracellular DNA and DNA-Binding Protein on The Development of A *Streptococcus Intermedius* Biofilm, *Journal of Applied Microbiology*, 15:260-270.

National Center for Biotechnology Information, 2005, *PubChem*, USA, <https://pubchem.ncbi.nlm.nih.gov/compound/camphor#section=Top>, (19/07/2017)

National Center for Biotechnology Information, 2005, *PubChem*, USA, <https://pubchem.ncbi.nlm.nih.gov/decosane/camphor#section=Top>, (19/07/2017)

Newman, M.G., Takei, H.H., Klokkevold, P.R., dan Carranza, F.A., 2012, *Carranza's Clinical Periodontology 10<sup>th</sup> ed*, Elsevier, Los Angeles.

Nur, A., Hirota, K., Yumoto, H., Hirao, K., Liu, D., Takahashi, K., Murakami, K., Matsuo, T., Shu, R., dan Miyake, Y., 2013, Effects of Extracellular DNA and DNA-Binding Protein on The Development of A *Streptococcus intermedius* Biofilm, *Journal of Applied Microbiology*, 15:260-270.

Nonong, Y.H., Satari, M.H., Indriyanti, R., dan Patwulandari, S., 2016, Antibacterial Test between Aloe vera and Chlorhexidine Based on the Number of Colony of *Streptococcus mutans* ATCC 25 175 In Vitro, *International Journal of Science and Research*, 5(1):1379.

Ojinnaka, C.M., Marycolette, N., Ezediokpu, N., 2015, The Chemical Constituents and Bioactivity of the Seed (Fruit) Extracts of *Buchholzia Coriacea Engler (Capparaceae)*, *J. Appl. Sci. Environ.* 19(4) : 800.

Özek, T., Tabanca, N., Demirci, F., Wedge, D.E., dan Baser, K.H.C., 2010, Enantiomeric Distribution of Some Linalool Containing Essential Oils and Their Biological Activities, *Rec. Nat. Prod.*, 4(4): 180-192.

Park, S.N., Lim, Y.K., Freire, M.O., Cho, E., dan Jin, D., 2012, Antimicrobial Effect of Linalool and  $\alpha$ -terpineol Against Periodontopathic and Cariogenic Bacteria, *Journal Anaerobe*. 18: 369-372.

Parthasarathy, V.A., Chempakam, B., dan Zachariah, T.J., 2008, *Chemistry of Spices*, CAB International, Oxfordshire, 203.

Pawar, V.A., Bhagat, T.B., Toshniwal, M.R., Mokashi, N.D., dan Khandelwal, K.R., 2013, Formulation and Evaluation of Dental Gel Containing Essential Oil of Coriander Against Oral Pathogens, *Int. Res. J. Pharm.*, 4(10): 48-54.

- Pawar, V.A., Bhagat, T.B., Toshniwal, M.R., Mokashi, N.D., dan Khandelwal, K.R., 2013, Formulation and Evaluation of Dental Gel Containing Essential Oil of Coriander Against Oral Pathogens sit. Syamsuhidayat, S.S. dan Hutapea, 1991, *Inventaris Tanaman Obat Indonesia*, Departemen Kesehatan RI, Jakarta.
- Pelczar, M.J. dan Chan, E.C.D., 1988, *Dasar-dasar Mikrobiologi 2* (terj.), UI Press, Jakarta, 549-554.
- Percival, S.L., Malic, S., Cruz, H., dan Williams, D.W., 2011, *Introduction to Biofilms*, Springer, London.
- Pradhan, D., Suri, K.A., Pradhan, D.K., dan Biswasroy, P., 2013, Golden Heart of Nature: *Piper betle* L., *Phytojournal*, 1(6): 147-148
- Purkait, S.K., 2011, *Essential of Oral Pathology*, Jaypee, New Delhi.
- Putri dan Hiranya, 2011, *Ilmu Pencegahan Penyakit Jaringan Keras dan Jaringan Pendukung Gigi*, EGC, Jakarta.
- Pöllänen, M.T., Paino, A., dan Ihalin, R., 2013, Environmental Stimuli Shape Biofilm Formation and the Virulence of Periodontal Pathogens, *Int. J. Mol. Sci.*, 14: 17221-17237.
- Ratha-bai,V. dan Kanimozhi, D., 2012, *International Journal od Scientific Research and Reviews*, 1(3):1-10.
- Robinson, T., 1995, *Kandungan Senyawa Organik Tumbuhan Tinggi*, ITB, Bandung.
- Rosidi, A., Haryani, S., dan Adimayanti, E., 2013, Hubungan Antara Konsumsi Makanan Karlogenik dengan Kejadian Karies Gigi pada Anak SDN 1 Gogodalem Kec. Bringin Kab. Semarang, *Skripsi*, Akper Ngudi Waluyo, Ungaran.
- Samaranayake, L.P., 2012, *Essential Microbiology for Dentistry*, Churchill Livingstone, Philadelphia, 279 dan 281.
- Soesilo, D., Santoso, R.E., dan Diyatri, I., 2005, Peranan Sorbitol dalam Mempertahankan Kestabilan pH Saliva pada Proses Pencegahan Karies, *Maj. Ked. Gigi. (Dent. J.)*, 38(1): 25-28.
- Stepanovic, S., Vukovic, D., Dakic, I., Savic B., Svabic-Vlahovic, M., 2000, A Modified Microtiter-plate Test for Quantification of Staphylococcal Biofilm Formation, *J Microbiol Methods*, 40: 175-179.



- Sudha, T., Chidambarampillai, S., dan Mohan, V.R., 2013, GC-MS Analysis of Bioactive Components of Aerial parts of *Fluggea leucopyrus* Willd. (Euphorbiaceae), *Journal of Applied Pharmaceutical Science*, 3(5),128.
- Suparni, I. dan Wulandari, A., 2012, *Herbal Nusantara: 1001 Ramuan Tradisional Asli Indonesia*, Rapha Publishing, Yogyakarta, 172-173.
- Suwelo IS. Karies Gigi pada Anak dengan Pelbagai Faktor Etiologi sit. Soesilo, D., Santoso, R.E., dan Diyatri, I., 2005, Peranan Sorbitol dalam Mempertahankan Kestabilan pH Saliva pada Proses Pencegahan Karies, *Maj. Ked. Gigi. (Dent. J.)*, 38(1): 25-28.
- Swoboda, J.G., Campbell, J., Meredith, T.C., Walker, S., 2010, Wall Teichoic Acid Function, Biosynthesis, and Inhibition, *Chembiochem*, 11(!1):35-45.
- Syamsuhidayat, S.S. dan Hutapea, 1991, *Inventaris Tanaman Obat Indonesia*, Departemen Kesehatan RI, Jakarta.
- Tjahja, I., Sintawati, F.X., dan Yovita, T.A., 2006, Gambaran Karies Gigi Permanen di Beberapa Puskesmas Kota dan Kabupaten Bandung, Sukabumi serta Bogor Tahun 2002, *Media Litbang Kesehatan XVI*, 4:1.
- Tjitrosoepomo, G., 1997, *Taksonomi Tumbuhan 2*, Gadjah Mada University Press, Yogyakarta.
- Westgate, S. J., Percival, P. D., Clegg, D. C., Knottenbelt, dan Cochrane, C.A., 2011. Evidence and significance of biofilm in chronic wounds in horses. dalam: Biofilm and Veterinary Medicine, *Springer Series on Biofilm*, 6 firi: 143-173
- Winter, R., 2009, *A Consumer's Dictionary of Cosmetic Ingredients*, Three River Press, USA.
- Worotitjan, I., Mintjelungan, C.N., dan Gunawan, P., 2013, Pengalaman Karies Gigi Serta Pola Makan dan Minum pada Anak Sekolah Dasar di Desa Kiawa Kecamatan Kawangkoan Utara. *Jurnal e-GiGi (eG)*, 1(1): 59-68.
- Yosephine, D., Wulanjati, M.P., Saifullah, T.N., dan Astuti, P., 2013, Mouthwash Formulation of Basil Oil (*Ocimum basilicum* L.) and In Vitro Antibacterial and Antibiofilm Activities Against *Streptococcus mutans*, *Trad. Med. J.*, 18(2): 96-98.