

## DAFTAR PUSTAKA

- Agustina, R., Alam, G., Syukur, R., Lethe, C., dan Rahin, A., 2013, Ekstraksi dan Fraksinasi Senyawa Bioaktif Antimitosis dari Spons *Callispongia hispidiconulosa*. *Majalah Farmasi dan Farmakologi*, 17(1):21-4
- Artini, P.E.U.D., Astuti, K.W., dan Warditiani, N.K., 2013, Uji Fitokimia Ekstrak Etil Astatat Rimpang bangle (*Zingiber purpureum Roxb*), *Jurnal Farmasi Udayana*: 2
- Asriani., Laksmi, B.S., Yasni, S., dan Sudirman, I., 2007, Mekanisme Antibakteri Metabolit *Lb. plantarum* kik dan Monoasil Gliserol Minyak Kelapa Terhadap Bakteri Patogen Pangan, *Jurnal Teknol. Dan Industri Pangan XVIII* (2):126
- Babu, A.J., Sundari, A.R., Srujan, R.V.N., dan Sravanthi, M., 2011, Study on the Antimicrobial Activity and Minimum Inhibitory Concentration of Essential Oils of Spices, *Veterinary World* 4(7):311-6
- Bachtiar, S. Y., Tjahjaningsih, W., dan Sianita, N., 2012, Pengaruh Ekstrak Alga Coklat (*Sargassum sp.*) Terhadap Pertumbuhan Bakteri *Eschericia coli* 1(1):53-60
- Brooks, G.F., Carrol, K.C., Bulel, J.S., Morse, S.A., and Metzner, T.A., 2010, *Jawetz, Melnick, & Adelberg's Medical Microbiology Twenty-fifth Edition*, Mc Graw Hill, USA, 163-4, 274
- Cai, Y., Chen, Z., Liu, H., Xuan, Y., Wang, X., and Luan, Q., 2015, Green Tea Epigallocatechin-3-gallate Alleviates *Porphyromonas gingivalis*-induces Periodontitis in Mice, *International Immunopharmacology*
- Chen, J., Spear, S.K., Huddleston, J.G., and Rogers, R.D., 2005, Polyethylene Glycol and Solutions of Polyethylene Glycol as Green Reaction Media, *Green. Chem.*, 7:64-82
- Chung, P.Y., Navaratnam, P., and Chung, L.Y., 2011, Synergistic Antimicrobial Activity Between Pentacyclic Triterpenoids and Antibiotics Against *Staphylococcus aureus* Strains, *Annals of Clinical Microbiology and Antimicrobials* 10(25):5
- Day, R.A and Underwood, A.L., 2002, *Analisis Kimia Kuantitatif Edisi Keenam* (terj), Erlangga, Jakarta, 487-8, 491, 506-7, 551-2
- Deny., Rudiyansyah., dan Ardiningsih, P., 2013, Isolasi dan Karakterisasi Senyawa Triterpenoid dari Fraksi Kloroform Kulit Batang Durian Kura (*D. Testudinarum* Becc.), *JKK*(2)1:8

- Estrela, C., Ribeiro, R.G., Estrela, C.R.A., Pecora, J.D., and Sousa-Neto, M.D., 2003, Antimicrobial Effect of 2% Sodium Hypochlorite and 2% Chlorhexidine Tested by Different Methods, *BrazDentJ* 14(1): 59
- Fedi, P.F., Vernino, A.R., dan Gray, J.L., 2005, *Silabus Periodonti*, EGC, Jakarta, 15-6
- Fontanay, S., Grare, M., Mayer, J., Finance, C., and Duval, R.E., 2008, Ursolic, Oleanolic, and Betulinic Acids : Antibacterial Spectra and Selectivity Indexes, *Journal of Ethnopharmacology* 120: 272
- Garrity, G.M., Bell, J.A., and Lilburn, T.G., 2004, *Taxonomy Outline of the Prokaryotes Bergey's Manual of Systematic Bacteriology second edition*, Springer, New York, 309
- Gohari, A.R., Saeidnia, S., Hadjiakhoondi, A., Abdoullahi, M., and Nezafati, M., 2009, Isolation and Quantificative Analysis of Oleanolic Acid from *Satureja Mutica* Fisch. & C.A. Mey, *Journal of Medicinal Plants*, 8(5):65-9
- Gunawan, I.W.G., Bawa, I.G.A.G., dan Sutrisnayanti, N.L., 2008, Isolasi dan Identifikasi Senyawa Terpenoid yang aktif antibakteri pada senyawa Herba Meniran (*Phyllanthus ninuri* Linn), *Jurnal Kimia* (2)1: 32
- Harmita dan Radji, M., 2008, *Buku Ajar Analisis Hayati edisi 3*, EGC, Jakarta, hal. 2-3
- Horiuchi, K., Shiota, S., Hatano, T., Yoshida, T., Kuroda, T., and Tsuchiya, T., 2007, Antimicrobial Activity of Oleanolic Acid from *Saliva Officinalis* and Related Compound on Vancomycin-Resistant Enterococci (VRE), *Biol. Pharm. Bull.* 30(6)
- Hutapea, J.R., 1994, *Inventaris Tanaman Obat Indonesia (III)*, Departemen Kesehatan RI Badan penelitian dan Pengembangan Kesehatan, Jakarta
- Kurek, A., Grudniak, A.M., Szwed, M., Klicka, A., Samluk, L., Wolska, K.I., Janiszowska, W., and Popowska, M., 2010, Oleanolic Acid and Ursolic Acid Affect Peptidoglycan metabolism in *Listeria monocytogenes*, *Antonie van Leeuwenhoek* 97:65-6
- Kusumaningsih, W., 2011, *Pengaruh Pasta Gigi dengan Kandungan Buah Stroberi (*Fragaria chiloensis*) terhadap Pembentukan Plak Gigi*, Skripsi, Fakultas Kedokteran Universitas Diponegoro, Semarang
- Kusumawardani, B., Pujiastuti, P., dan Sari, D.S., 2010, Uji Biokimiawi Sistem API 20 A Mendeteksi *Porphyromonas gingivalis* Isolat Klinik dari Plak Subgingiva Pasien Periodontitis Kronik, *Jurnal PDGI.*, 59(3):110-1
- Mamahid, L., 2009, Satu senyawa Steroid dari daun Gedi (*Abelmoschus manihot* L. Medik) asal Sulawesi Utara, *Chem. Prog* 2(1):33

- Marin, C., Popescu, V., and Costea. R., 2014, *Clorhexidine* as an Adjuvant in Ultrasound Scalling, *Romanian Journal of Oral Rehabilitation* 6(3):115
- Marsh, P.D., 2003, Are Dental Disease Examples of Ecological Catastrophes?, *Microbiology* 149:284
- Newman, M.G., Takei, H.H., and Carranza, F.A., 2002, *Clinical Periodontology 9th Edition*, EGC
- Orhan, D.D., Orhan, N., Ozcelik, B., and Ergun, F., 2009, Biological Activities of *Vitis vinifera* L. leaves, *Turk J Biol*, 33:341-8
- Parija, S.C., 2009, *Text book of Microbiology and Immunology*, Elsevier, India. 16-17
- Pollier, J., dan Gooseens, A., 2012, Oleanolic Acid, *Phytochemistry* 77:10
- Pratiwi, R., 2005, Perbedaan Daya Hambat terhadap *Streptococcus mutans* dari beberapa Pasta Gigi yang Mengandung Herbal, *Maj. Ked. Gigi (Dent. J)*(38):2
- Rivero-Cruz, J.F.R., Zhu, M., Kinghom, A.D., and Wu, C.D., 2008, Antimicrobial Constituent of Thompson Seedless Raisin (*Vitis vinifera*) against selected oral pathogens, *PHYTOL* 34:4-5
- Rowe, R.C., Sheskey, P.J. and Quinn, M.E., 2009, *Handbook of Pharmaceutical Excipients 6<sup>th</sup> Edition*, Pharmaceutical Press and American Pharmacist Association, London 517-21
- Rose, L.F., Mealey, B.L., Genco. R.J., and Cohen, D.W., 2004, *Periodontics Medicine, Surgery, dan Implan*, Elsevier Mosby, China :277-8
- Ryan, K.J., dan Ray, C.G., 2010, *Sherris's Medical Microbiology 5th Edition*, MC Graw Hill, USA, 406
- Samaranyake, L.P., Jones, B.M., and Scully, C., 2002, *Essential Microbiology for Dentistry*, Churchill Livingstone, China, 122-3
- Seta, A.A., 2010, Pengaruh Asam Oleanolat Hasil Fraksinasi Ampas Cengkeh (*Syzygium aromaticum*) terhadap Pertumbuhan Bakteri *Aggregatibacter actinomycetemcomitans* (Kajian *in vitro*), *Skripsi*, Fakultas Kedokteran Gigi, Universitas Gadjah Mada, Yogyakarta
- Suwandi, T., 2010, Perawatan Awal Penutupan Diastema Gigi Goyang pada Penderita Periodontitis Kronis Dewasa, *Jurnal PDGI.*, 59(3):105
- Tao, J., dan Yang, J.F., 2014, Thin Layer Chromatography as a method for separating aniline oligomers, *Polymer Testing* 40:1-2

- Tjahjani, A., dan Prihardini, F., 2012, Analisis Sensitifitas *Streptococcus mutans* Serotipe F Terhadap Pasta gigi MEngandung Xylitol (in vitro), *Jurnal PDGI* 61(3):110-3
- Torora, H.J., Funke, B.R., and Case, C.L., 2007, *Microbiology an Introduction*, Pearson, Sanfransisco
- Vollmer, W., Joris, B., Charlier, P., and Foster, S., 2008, Bacterial Peptidoglycan (Murein) Hydrolases, *FEMS Microbiol Rev*, 32:259-86
- Wangsarahardja, K., Penyakit Periodontal sebagai Faktor Risiko Penyakit Jantung Koroner, *Universa Medicina* 24(3):136-143
- Wahyukundari, M.A., 2009, Perbedaan Kadar Matrix Metalloproteinase-8 setelah Scalling dan Pemberian Tetrasiklin Penderita Periodontitis Kronis, *Jurnal PDGI* 58(1):1
- Wolf, H.F., Rateitschak, E.M., Rateitschak, K.H., and Hassel, T. M., 2005, *Periodontology*, Thieme, New York :36
- Wolska, K.I., Grudniak, A.M., Fiecek, B., Dowjat, A.K., and Kurek, A., 2010, Antibacterial activity of Oleanolic Acids and their derivates, *Centr. Eur. J. Biol* 5(5):243
- Yuliasih, I., Irawadi, T.T., Saliah, I., Pranamuda, H., Setyowati, K., dan Sunarti, T.C., 2007., Pengaruh Proses Fraksinasi Pati Sagu terhadap Karakteristik Fraksi Amilosanya, *J. Tek. Ind. Pert* (17)1:29