

## DAFTAR PUSTAKA

- Anonymous. 2011. *Antimicrobial Resistance Learning Site*. <http://amrls.cvm.msu.edu>. Diakses pada 2 Januari 2017
- Arifa, N. 2017. *Aktivitas Antimikroba dan Antioksidan Ekstrak Segar Tumbuhan Sikaduduak (Melastoma malabathricum Linn.)*. Skripsi. Universitas Andalas. Padang
- Afoakwa, E.O., J.Quae., F.S.Takrama., A.S.Budu and F.K.Saalia. 2012. Change in Total Polyphenol, O-diphenols and Anthocyanin Concentration During Fermentation of Pulp Pre-conditioned Cocoa (*Theobroma cacao* L.). *Beans International Food Research*. **19(3)**: 1071-1077
- Araho, D., M.Miyakoshi., W.H.Chou., T.Kambara., K.T.Mizutani and T.Ikeda. 2005. A New Flavone Cglycoside from The Leaves of *Averrhoa carambola*. *Natural Medicines*. **59(3)**:113116
- Ardananuridin, A., S.Winarsih dan M.Widayat. 2004. Uji Efektifitas Dekok Bunga Belimbing Wuluh (*Averrhoa bilimbi*) sebagai Antimikroba terhadap Bakteri *Salmonella thypi* secara In Vitro. *Jurnal Kedokteran Brawijaya*. Vol.XX, No.1
- Ariviani, S. 2010. *Kapasitas Anti Radikal Ekstrak Antosianin Buah Salam Segar (Syzygium polyanthum Walp) Segar Dengan Variasi Proporsi Pelarut*. Skripsi. Ilmu dan Teknologi Pangan, UNS. Semarang
- Aulia, I.A. 2008. *Uji Aktivitas Antibakteri Fraksi Etil Asetat Ekstrak Etanolik Daun Arbenan (Duchesnea indica (Andr.) Focke) terhadap Staphylococcus aureus dan Pseudomonas aeruginosa Multiresisten Antibiotik beserta Profil Kromatografi Lapis Tipisnya*. Skripsi. Fakultas Farmasi, Universitas Muhammadiyah Surakarta. Surakarta
- Biswas, S.K and W.L.Chaffin. 2005. Anaerobic Growth of *C. albicans* Does Not Support Biofilm Formation Under Similar Conditions Used for Aerobic Biofilm, *Curr. Microbiol.* **51(2)**:100-104
- Bonang, G dan E.S.Koeswardono. 1979. *Mikrobiologi Kedokteran untuk Laboratorium dan Klinik*. Gramedia. Jakarta
- Castro, M.F and Rodriguez. 2005. Use of Additives on The Feeding of Monogastric Animals. *Cuban Journal of Agricultural Science* 39, P. 439. ISSN:0253-5815
- Chowdhury, S.S., G.M.Uddin., N.Mumtahana., M.Hossain and S.R.M.Hasan. 2012. In Vitro Antioxidant and Cytotoxic Potential of Hydromethanolic Extract of *Averrhoa bilimbi* L. Fruits, *International Journal of Pharmaceutical Sciences and Research*. **3(7)**:2263-2268

- Das, S.C., S.Sultana., S.Roy and S.S.Hasan. 2011. Antibacterial and Cytotoxic Activities of Methanolic Extracts of Leaf and Fruit Parts of The Plant *Averrhoa bilimbi* (Oxalidaceae). *American Journal of Scientific and Industrial Research*. ISSN:2153-649X doi:10.5251/ajair.2011.2.4.531.536
- Dasuki, U.A. 1991. *Sistematik Tumbuhan Tinggi*. Pusat Antar Universitas Bidang ilmu Hayati Institut Teknologi Bandung. Bandung
- Davis, W.W and T.R.Stout. 1971. Disc Plate Method of Microbiological Antibiotic Assay. *American Society for Microbiology*. Vol.22. No.4 p.659-665
- Deasywaty. 2011. *Aktivitas Antimikroba dan Identifikasi Komponen Aktif Rimpang Temulawak*. Tesis. Universitas Indonesia. Depok
- Faradisa, M. 2008. *Uji Efektifitas Antimikroba Senyawa Saponin dari Tanaman Belimbing Wuluh (Averrhoa bilimbi)*. Malang
- Franklin, L.D. *Staphylococcus aureus* Infection. *The New England Journal of Medicine* Vol.339 No.8:520-532.1998. <http://www.nejm.org/doi/full/10.1056/NEJM19>. Di akses pada 31 Agustus 2016
- Frazier, W.C and D.C. Westhoff. 1998. *Food Microbiology 4th ed*. McGraw-Hill Book Co. New Delhi
- Fu, R., Z.Yuting, G.Yiran, L.Fengxia and C.Fang. 2014. Determination of Phenolic Contents and Antioxidant Activities of Extracts of *Jatropha curcas* L. seed shell, A by-product, A New Source of Natural Antioxidant. *J. Industrial Crops and Products*. **58**:265–27
- Goldman, E and L.H.Green. 2003. *Practical Handbook of Microbiology Second Edition*. CRC Press. New York
- Hembing, W. 2008. *Ramuan Lengkap Herbal Taklukkan Penyakit*. Niaga Swadaya. Jakarta
- Hogg, S. 2005. *Essential Microbiology*. John Wiley dan Son. Cichestes
- Huda, N., A.Wahab., M.E.B.A.Wahid., M.B.Taib, W.Z.W.M.Zain and S.A.B.Anwar. 2009. Phytochemical Screening and Antimicrobial Efficacy of Extracts from *Averrhoa bilimbi* (Oxalidaceae) Fruits Against Human Pathogenic Bacteria. *Phcog J. A Supplement to Phcog Mag*. **1(1)**:64-66
- Ilyas, M. 2008. Daya Hambat Ekstrak Mengkudu terhadap Pertumbuhan *Candida albicans*. *Dentofacial*. **7(1)**:7-12
- Jawetz, E., J.L.Melnick dan E.A.Adelberg. 2005. *Mikrobiologi Kedokteran*. Diterjemahkan oleh Mudihardi, E., Kuntaman, Wasito, E.B., Mertaniasih, N.M., Harsono, S., Alimsardjono, L. Edisi XXII. Salemba Medika. 327-335. 362363. Jakarta

- Karlina, C.Y., I.Ibrahim dan G.Trimulyono. 2013. Aktivitas Antibakteri Ekstrak Herba Krokot (*Portulaca oleracea L.*) terhadap *Staphylococcus aureus* dan *Escherichia coli*. *Jurnal Lentera Bio*. ISSN: 2252-3979. <http://ejournal.unesa.ac.id/index.php/lenterabio>
- Khairani, M. 2009. *Pengaruh Sediaan Teh (Camellia sinensis (L) O. Kuntze dan Madu Terhadap Bakteri Salmonella thypi Schroeter dan Staphylococcus aureus Rosenbach*. Skripsi. FMIPA, Universitas Andalas. Padang
- Kumar, A.S., S.Kavimani and K.N.Jayaveera. 2011. A review on Medicinal Plants With Potential Antidiabetic Activity. *International Journal of Phytopharmacology*. **2(2)**:53-60
- Kusumaningtyas, E. 2011. Mekanisme Infeksi *Candida albicans* pada Permukaan Sel. Balai Penelitian Veteriner. *Lokakarya Nasional Penyakit Zoonosis*. 304-313
- Lathifah, Q.A. 2008. *Uji Efektifitas Ekstrak Kasar Senyawa Antibakteri Pada Buah Belimbing Wuluh (Averrhoa Bilimbi L.) Dengan Variasi Pelarut*. Skripsi. Fakultas Sains Dan Teknologi Universitas Islam Negeri (UIN) Malang. Malang
- Luckstadt, C and P.Theobald. 2011. *Dose Dependent Effects of Diformates on Broiler Performance, In: Standard for Acidifiers*. Nottingham University Press. Nottingham, UK
- Mailoa, M.N., M.Mahendradatta., A.Laga and N.Djide. 2014. Antimicrobial Activities Of Tannins Extract From Guava Leaves (*Psidium Guajava L*) On Pathogens Microbial. *International Journal Of Scientific & Technology Research*. **3(1)**:236-241
- Mangunwardoyo, W., Deasywaty, and T.Usia. 2012. Antimicrobial and Identification of Active Compound *Curcuma xanthorrhiza* Roxb. *IJBAS-IJENS*. **12(1)**:71-3
- Mawaddah, R. 2008. *Kajian Hasil Riset Potensi Antimikroba Alami dan Aplikasinya Dalam Bahan Pangan di Pusat Informasi Teknologi Pertanian FATETA IPB*. Skripsi. Fakultas Teknologi Pertanian, IPB. Bogor
- Mokhtar, S.I and N.A.A.Aziz. 2015. Organic Acid Content and Antimicrobial Properties *Eleiodoxa conferta* Extracts at Different Maturity Stages. *Journal of Tropical Resources and Sustainable Science*. **3**:72-76
- Molyneux, P. 2004. The Use Stable Free Radical Diphenylpicrylhydrazyl (DPPH) for Estimating Antioxidant Activity. *Songklanakarinn Journal Science and Technology*. **26(2)**: 211-219

- Morello, J.A., P.A.Granato and H.E Mizer. 2003. *Laboratory Manual and Workbook in Microbiology, Applications to Patient Care 7<sup>th</sup> Edition*. The McGraw-Hill Companies. New York
- Muchtadi, H. 2000. *Sayur-sayuran, Sumber Serat dan Antioksidan: Mencegah Penyakit Degeneratif*. Jurusan Teknologi Pangan dan Gizi FATETA, IPB. Bogor
- Mukhlisoh, W. 2010. *Pengaruh Ekstrak Tunggal dan Gabungan Daun Belimbing Wuluh (*Averrhoa bilimbi* Linn) terhadap Efektivitas Antibakteri secara In Vitro*. Skripsi. Universitas Islam Negeri Maulana Malik Ibrahim. Malang
- Norhana, M.N., M.N.Azman., S.E.Poole., H.C.Deeth and G.A.Dykes. 2009. Effects of Bilimbi (*Averrhoa bilimbi* L.) and Tamarind (*Tamarindus indica* L.) Juice on *Listeria monocytogenes* Scott A and *Salmonella typhimurium* ATCC 14028 and The Sensory Properties of Raw Shrimps. *Int J Food Microbiol.* **136**:88–94
- Nugrahawati, D., Y.N.Rahayu dan H.Wahyu. 2009. *Pemanfaatan buah Belimbing Wuluh (*Averrhoa bilimbi* Linn) sebagai Cairan Akumulator secara Alami dan Ramah Lingkungan*. Skripsi. Universitas Sebelas Maret. Surakarta
- Nurwanto dan Djariah. 1997. *Mikrobiologi Pangan Hewani-Nabati*. Kanisius. Yogyakarta
- Nychas, G.J.E and C.C.Tassou. 2000. Traditional Preservatives-oil and Spices. Di dalam: R.K.Robinson, C.A.Batt and P.D.Patel. *Encyclopedia of Food Microbiology*. Vol. 1. Academic press. London
- Okawa, M., J.Kinjo., T.Nohara and M.Ono. 2001. DPPH (1,1-Diphenyl-2-Picrylhydrazyl) Radical Scavenging Activity of Flavonoids Obtained from Some Medicinal Plants. *Biol. Pharm. Bull.* **24(10)**:1202-1205
- Oktafiana, N. 2015. *Potensi Antimikroba dan Aktivitas Antioksidan Ekstrak Segar Jambu Kalias (*Syzigium cumini* (L.) Skeels)*. Skripsi. Universitas Andalas. Padang
- Parikesit, M. 2011. *Khasiat Dan Manfaat Belimbing Wuluh*. Stomata. Surabaya
- Payal, G., K.Pankti., C.Manodeep and K.V.Jagadish. 2012. Phytochemical and Pharmacological Profile of *Averrhoa Carambola* Linn: An Overview. *International Research Journal of Pharmacy*. ISSN: 2230-8407. <http://www.irjponline.com>
- Pelczar, M.J dan E.C.S.Chan. 1988. *Dasar-Dasar Mikrobiologi Jilid 2*. Universitas Indonesia. Jakarta. Hlm 99-105
- Pendit, P.A.C.D., E.Zubaidah dan F.H.Sriherfyna. 2016. Karakteristik Fisik-Kimia dan Aktivitas Antibakteri Ekstrak Daun Belimbing Wuluh (*Averrhoa bilimbi* L). *Jurnal Pangan dan Agroindustri*. Vol. 4 No 1 p.400-409

- Prakash, A. 2001. Antioxidant Activity Medallion Laboratories Analytical Progress. *Minnesota*. **19(2)**:1-13
- Pratiwi, S. 2008. *Mikrobiologi Farmasi*. Erlangga. Jakarta
- Ricke, S.C. 2003. Perspectives on The Use of Organic Acids and Short Chain Fatty Acids as Antimicrobials. *Poultry Science*. **82(4)**: 632–639
- Robinson, T. 1995. *Kandungan Organik Tumbuhan Tinggi Edisi ke-6*. Department of biochemistry University of Massachussets, ITB. Bandung
- Roy, A., R.V.Geetha and T.Lakshmi. 2011. Averrhoa bilimbi Linn-Nature's Drug Store-A Pharmacological Review. *International Journal of Drug Development and Research*. **3(3)**:101-106
- Roy, H.J, S.Lundy, C.Eriksen and B.Kalicki. 2009. Healthier Lives Through Education in Nutrition and Preventive Medicine. *Pennington Nutrition Series No.1*
- Sabularse, V.C. 2009. *Antioxidant Activity, Phenolic and Flavonoid Content of Some Philippine Fruits and Vegetables*. Univesrsity of the Philippine at Los Benos. Philippine
- Samad, S. 2008. *Perbandingan efek antibakteri dari jus belimbing (Averrhoa cavambola) terhadap streptococcus mutans pada waktu kontak dengan konsentrasi yang berbeda*. Artikel Karya Tulis Ilmiah. Fakultas Kedokteran Universitas Diponegoro Semarang. Semarang
- Savitri, N.P.I. 2014. *Efektivitas Antibakteri Ekstrak Daun Belimbing Wuluh (Averrhoa bilimbi L.) terhadap Bakteri Mix Saluran Akar Gigi*. Skripsi. Universitas Mahasaraswati Denpasar. Denpasar
- Sayuti, K dan R.Yenrina. 2015. *Antioksidan Alami dan Sintetik*. Andalas University Press. Padang
- Sen, A and A.Batra. 2012. Evaluation of Antimicrobial Activity of Different Solvent Extracts of Medicinal Plant: *Melia azedarch L*. *International journal of current pharmaceutical journal*. **4(2)**:67-73
- Setyabudi, R dan H.S.Vincent. 1995. *Farmakologi dan Terapi Edisi IV*. Farmakologi Kedokteran Universitas Indonesia. Universitas Indonesia. Jakarta
- Shui, G and L.P.Leong. 2006. Residue from Star Fruits as Valuable Source for Functional Food, Ingredients ans Anti-oxidant Nutraceuticals. *Food Chemistry*. **97**:277-84
- Siswandono dan S.Bambang. 1995. *Kimia Medisinal*. Erlangga. Surabaya

- Sripanidkulchai, B., U.Tattawasart., P.Laupattarakasem and V.Wongpanich. 2002. Antiinflammatory and Bactericidal Properties of Elected Indigenous Medicinal Plants Used for Dysuria. *Thai J Pharm Sci.* **26(12)**:33-38
- Sugianitri, N.K. 2011. *Ekstrak Biji Buah Pinang (Areca catechu L.) Dapat Menghambat Pertumbuhan Koloni Candida albicans Secara In vitro Pada Resin Akrilik Heat Cured*. Tesis. Program Megister Studi Ilmu Biomedik Program Pascasarjana Universitas Udayana. Denpasar
- Supardi, I dan Sukamto. 1999. *Mikrobiologi dalam Pengolahan dan Pangan*. Alumni ITB. Bandung
- Thite, V.T and B.A.Aparach. 2013. Effect of Powdery Mildew Infection on DPPH radical Scavenging Activity and Ferric-Reducinf Antioxidant Power Plant. *Journal of Pharmaceutical Research.* **2**:1-6
- Ummah, M.K. 2010. *Ekstraksi dan Pengujian Aktivitas Antibakteri Senyawa Tanin pada Daun Belimbing Wuluh (Averrhoa Bilimbi Linn)*. Skripsi. Universitas Islam Negeri Maulana Malik Ibrahim. Malang
- Vadivel, V and H.K.Biesalski. 2011. Contribution of Phenolic Compounds to The Antioxidant Potential and Type II Diabetes Related Enzyme Inhibition Properties of *Pongamia pinnata* L. Pierre seeds. *Process Biochem.* **46(10)**:1973-1980
- Venturella, V.S. 2000. Natural Product. In: Gardner H, (Ed). Remington. *The Science and Practice of Pharmacy 20 edition*. Lippincott Williams and Wilkins. Philadelphia. Hlm 675-683
- Volk, W.A dan M.F.Wheeler. 1991. *Mikrobiologi Dasar*. Jilid 2. Erlangga. Jakarta
- Wahyuningtyas, E. 2008. Pengaruh Ekstrak *Graptophyllum pictum* terhadap Pertumbuhan *Candida albicans* pada Plat Gigi Tiruan Resin Akrilik. *Indonesia Journal of Dentistry.* **15(3)**:187-91
- Wang, H., G. Cao, dan R. L. Prior. 1997. Oxygen Radical Absorbing Capacity of Anthocyanins. *Jurnal Agric Food Chem.* **45**:30
- WHO. 2003. *Basic Laboratory Procedures In Clinical Bacteriology, 2<sup>nd</sup> Ed*. Di akses pada [http://whqlibdoc.who.int/publications/2003/9241545453\\_ind.pdf](http://whqlibdoc.who.int/publications/2003/9241545453_ind.pdf)
- Yulianingsih, S.N.A. 2012. *Aktivitas Antibakteri Ekstrak Etanol Daun Belimbing Wuluh (Averrhoa bilimbi L.) terhadap Staphylococcus aureus dan Staphylococcus epidermidis*. Naskah Publikasi. Universitas Muhammadiyah Surakarta. Surakarta