

DAFTAR PUSTAKA

- Afifurrahman, Samadin, K. Husni, Aziz, Syahril, 2014, Pola Kepekaan Bakteri *Staphylococcus aureus* terhadap Antibiotik *Vancomycin* di RSUP Dr. Mohammad Hoesin Palembang, *MKS*, **46(4)**: 266-270.
- Bajpai, V. K., Yoon, J. I., dan Kang, S. C., 2009, Antifungal potential of essential oil and various organic extracts of *Nandina domestica* Thunb. against skin infectious fungal pathogens, *Applied Microbiology and Biotechnology*, **83(6)** : 1127–1133.
- Bakkali, F., Averbeck, S., Averbeck, D., dan Idaomar, M., 2008, Biological effects of essential oils--a review, *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association*, **46(2)** : 446–475.
- Bangun, A., 2012, *Ensiklopedia tanaman obat Indonesia: 101 tumbuhan obat menakjubkan untuk kesembuhan dan kebugaran optimal*, Indonesia Publishing House, Bandung, 340-341.
- Bedi, S., Tanuja, dan Vyas, S. P., 2008, *A Handbook of Aromatic and Essential Oil Plants: Cultivation, Chemistry, Processing and Uses*. Agrobios, Jodhpur.
- Bekka-Hadji, F., Bombarda, I., dan Touati, A., 2016, Antibacterial activity against *methicillin-resistant Staphylococcus aureus* of five essential oils from Algerian medicinal plants (*Lamiaceae*), *Journal of Essential Oil Research*, **28(6)** : 518–527.
- Brooks, G.F., Janet, S.B., dan Stephen, A.M., 2005, *Medical Microbiology*, diterjemahkan oleh Bagian Mikrobiologi Fakultas Kedokteran Universitas Erlangga, Salemba Medika, Jakarta.
- Burt, S., 2004, Essential oils: their antibacterial properties and potential applications in foods--a review, *International Journal of Food Microbiology*, **94(3)** : 223–253.
- Chami, F., Chami, N., Bennis, S., Trouillas, J., dan Remmal, A., 2004, Evaluation of carvacrol and eugenol as prophylaxis and treatment of vaginal candidiasis in an immunosuppressed rat model, *The Journal of Antimicrobial Chemotherapy*, **54(5)** : 909–914.
- Chao, S., Young, G., Oberg, C., dan Nakaoka, K., 2008, Inhibition of *methicillin-resistant Staphylococcus aureus* (MRSA) by essential oils, *Flavour and Fragrance Journal*, **23(6)** : 444–449.

- Chauhan, A., 2014, GC-MS Technique and its Analytical Applications in Science and Technology, *Journal of Analytical & Bioanalytical Techniques*, **5(6)**.
- Demirci, B., Kosar, M., Demirci, F., Dinc, M., Baser K.H.C, 2007, Antimicrobial and antioxidant activities of the essential oil of *Chaerophyllum libanoticum* Boiss. et Kotschy, *Food Chemistry*, **105(5)** : 1512-1517.
- Ewing, G.W., 1975, *Instrumental Methodes of Chemical Analysis*, 4th ed., McGraw-Hill Kogakhusya, Ltd.
- Goldberg, E., Paul, M., Talker, O., Samra, Z., Hazzan, R., Leibovici, L., Bishara, J., 2010, Co-trimoxazole versus vancomycin for the treatment of methicillin-resistant *Staphylococcus aureus* bacterimia: a retrospective cohort study, *J Antimicrob Chemother*, **65(2010)** : 1779-1783.
- Hamad, A., Mahardika, M. G. P., Yuliani, I., dan Hartanti, D., 2017, Chemical Constituents and Antimicrobial Activities od Essential Oils of *Syzygium polyanthum* and *Syzygium aromaticum*, *Rasayan Journal of Chemistry*, **10(4-6)** : 564-569.
- Hammer, K. A., Carson, C. F., Riley, T. V., dan Nielsen, J. B., 2006, A review of the toxicity of *Melaleuca alternifolia* (tea tree) oil, *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association*, **44(5)** : 616–625.
- Hidayat, Habibi, 2015, Identifikasi Morfologi dan Uji Aktivitas Antimikroba terhadap Bakteri *Escherichia coli* dari Fermentasi Buah Markisa (*Passiflora sp.*), *Eksakta: Jurnal Ilmu-Ilmu MIPA*, **5(1-2)** : 76-85.
- Himedialab, 2011, *Mueller Hinton Agar M173*, <http://himedialabs.com/TD/M173.pdf>, diakses 3 Juni 2018.
- Hussain, A. I., Anwar, F., Hussain Sherazi, S. T., dan Przybylski, R., 2008, Chemical composition, antioxidant and antimicrobial activities of basil (*Ocimum basilicum*) essential oils depends on seasonal variations, *Food Chemistry*, **108(3)** : 986–995.
- Jawetz, M., dan Adelberg's, 2005, *Mikrobiologi kedokteran*, Salemba Medika, Jakarta.
- Kadariya, J., Smith, T. C., dan Thapaliya, D., 2014, *Staphylococcus aureus* and Staphylococcal Food-Borne Disease: An Ongoing Challenge in Public Health. *BioMed Research International*, **2014** : 1–9.

- Kato, E., Nakagomi, R., Gunawan-Puteri, M. D. P. T., dan Kawabata, J., 2013, Identification of hydroxychavicol and its dimers, the lipase inhibitors contained in the Indonesian spice, *Eugenia polyantha*, *Food Chemistry*, **136(3-4)** : 1239–1242.
- Katzung, B. G., 2004, *Farmakologi Dasar dan Klinik* (8th ed., Vol. 3), Salemba Medika, Jakarta.
- Kumala, Shirly, 2014, *Mikroba Endofit. Pemanfaatan Mikroba Endofit dalam Bidang Farmasi*, PT ISFI Penerbitan, Jakarta Barat.
- Kusmiyati dan Agustini, N.W.R., 2007, Uji Aktivitas Senyawa Antibakteri dari Mikroalga (*Porphyridium cruentum*), *Jurnal Biodiversitas*, **8(1)** : 48-53.
- Lamba, Aruna, 2007, Antimicrobial activities of aldehydes and ketones produced during rapid volatilization of biogenic oils, *Masters Theses*, Missouri University of Science and Technology.
- Lau, K. Y., Zainin, N. S., Abas, F., dan Rukayadi, Y., 2014, Original Research Article Antibacterial and sporicidal activity of *Eugenia polyantha* Wight against *Bacillus cereus* and *Bacillus subtilis*, *International Journal of Current Microbiology and Applied Sciences*, **3(12)** : 499-510.
- Liu, Kehai, Chen, Q., Liu Yanjun, Zhou, X., Wang, X., 2012, Isolation and Biological Activities of Decanal, Linalool, Valence, and Octanal from Sweet Orange Oil, *Journal of Food Science*, **77(11)** : 156-161.
- Loomba, P., Taneja, J., dan Mishra, B., 2010, Methicillin and vancomycin resistant *S. aureus* in hospitalized patients, *Journal of Global Infectious Diseases*, **2(3)** : 275-283.
- Maxia, A., Marongiu, B., Piras, A., Porcedda, S., Tuveri, E., Gonçalves, M. J., Salgueiro, L., 2009, Chemical characterization and biological activity of essential oils from *Daucus carota* L. subsp. *carota* growing wild on the Mediterranean coast and on the Atlantic coast, *Fitoterapia*, **80(1)** : 57–61.
- Pavia, D.L., 2009, *Introduction to Spectroscopy*, 4th ed. ed, Brooks/Cole, Cengage Learning, Belmont, CA.
- Pragadheesh, V. S., Saroj, A., Yadav, A., Chanotiya, C. S., Alam, M., dan Samad, A., 2013, Chemical characterization and antifungal activity of *Cinnamomum camphora* essential oil, *Industrial Crops & Products*, **49(2013)** : 628–633.
- Pratiwi, Sylvia T., 2008, *Mikrobiologi Farmasi*, Erlangga, Jakarta.
- Ramli, S., Radu, S., Shaari, K., dan Rukayadi, Y., 2017, Antibacterial Activity of Ethanolic Extract of *Syzygium polyanthum* L. (Salam) Leaves against

- Foodborne Pathogens and Application as Food Sanitizer [Research article], *BioMed Research International*, **2017** : 1-13.
- Raut, J. S., dan Karuppayil, S. M., 2014, A status review on the medicinal properties of essential oils, *Industrial Crops and Products*, **62** : 250–264.
- Republika, 2017, *Angka Kasus MRSA Meningkat*, <http://republika.co.id/berita/nasional/umum/17/01/19/ojzjvy359-angka-kasus-mrsa-meningkat>, diakses 19 Maret 2018.
- Sahil, K., Prashant, B., Akanksha, M., Premjeet, S., dan Devashish, R., 2011, Gas Chromatography-Mass Spectrometry: Applications, *International Journal of Pharmaceutical & Biological Archive*, **2(6)** : 1544-1560.
- Saifudin, A., 2014, *Senyawa Alam Metabolit Sekunder Teori, Konsep, dan Teknik Pemurnian*, Deepublish, Yogyakarta.
- Saleem, M., Nazir, M., Ali, M.S., Hussain, H., Lee, Y.S., Riaz, N., and Jabbar, A., 2010, Antimicrobial natural products: an update on future antibiotic drug candidates, *Nat. Prod. Rep.*, **27** : 238-254.
- Schaduw, J., Pojoh J. A., Djabar T. O., 2012, Isolasi dan Identifikasi Minyak Atsiri pada Daun Nilam (*Pogostemon cablin* Benth), *JIF-Jurnal Ilmiah Farmasi*, 61-63.
- Sembiring, B. S., Winarti, C., dan Baringbing, B., 2015, Identifikasi Komponen Kimia Minyak Daun Salam (*Eugenia polyantha*) dari Sukabumi dan Bogor, *Buletin Penelitian Tanaman Rempah Dan Obat*, **14(2)** : 9-16.
- Sudewi, R., 1992, Isolasi dan Uji Antibakteri Minyak Atsiri Daun Salam (*Eugenia polyantha* Wight), *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.
- Sumono, A., dan S.D., Agustin Wulan, 2008, The use of bay leaf (*Eugenia polyantha* Wight) in dentistry, *Dental Journal (Majalah Kedokteran Gigi)*, **41(3)** : 147–150.
- Tohidpour, A., Sattari, M., Omidbaigi, R., Yadegar, A., Nazemi, J., 2010, Antibacterial Effect of Essential Oils from Two Medicinal Plants Against Methicillin-resistant *Staphylococcus aureus* (MRSA), *Phytomedicine*, **17(2010)** : 142-145.
- Utegenova, G., A., Pallister, K., B., Kushnarenko, S., V., Ozek, G., Ozek, T., Abidkulova, K., T., Kirpotina, L., N., Schepetkin, I., A., Quinn, M., T., Voyich, J., M., 2018, Chemical Composition and Antibacterial Activity of Essential Oils from *Ferula* L. Species against Methicillin-Resistant *Staphylococcus aureus*, *Molecules*, **23(2018)** : 2-18.

- Walpers, W. G., 1843, Repertorium Botanices Systematicae. Vol. 2, F. Hofmeister, Leipzig, 1029 pp.
- Wartini. N. M., 2009, Senyawa Penyusun Ekstrak Flavour Daun Salam (*Eugenia polyantha* Wight) Hasil Destilasi Uap Menggunakan Pelarut N-Heksana dan Tanpa N-Heksana, *Agrotekno*, **15(2)** : 72- 77.
- Yulianto, F., T., Khasanah L., U., Anandito R. Baskara K., 2012, Pengaruh Ukuran Bahan dan Metode Destilasi (Destilasi Air dan Destilasi Uap-Air) terhadap Kualitas Minyak Atsiri Kulit Kayu Manis (*Cinnamomum burmannii*), *Jurnal Teknosains Pangan*, **1(10)** :12-23.
- Yuwono, 2012, *Staphylococcus aureus* dan *Methicilin-Resistant Staphylococcus aureus (MRSA)*, Departemen Mikrobiologi FK Unsri, Palembang.

