

DAFTAR PUSTAKA

- Adesanwo, J. K., Clifford, E. O., Dorcas, O. M., dan David A. A. 2019. Chemical, Toxicity and Antibacterial Studies on Methanol Extracts of *Melanthera scandens*, *Ageratum conyzoides*, *Aspilia africana* and *Synedrella nodiflora*. *Journal of Exploratory Research in Pharmacology* 2019 vol. 4.
- Agbafor, K. N., Engwa, A. G., dan Obiudu, I. K. 2015. Analysis of chemical composition of leaves and roots of *Ageratum conyzoides* L. *International Journal of Current Research and Academic Review*.
- Al-Majedy, Y. K., Abdul, A. H. K., Ahmed, A. A., dan Abu, B. M. 2017. Coumarins: The Antimicrobial agents. *Systematic Reviews in Pharmacy Vol 8*.
- Aminingsih, T., Husain, N., dan Aji, S. 2012. Potensi Antibakteri terhadap *Escherichia coli* dan *Staphylococcus aureus* dan Identifikasi Senyawa Ekstrak Heksana Bandotan (*Ageratum conyzoides* L.).
- Arruda, R. L., Andressa, T. S. P., Maria, T. F. B., Marcio, V. C., Marta, C. C., dan Edemilson, C. 2016. An approach on phytoalexins: function, characterization and biosynthesis in plants of the family Poaceae. *Ciencia Rural* vol. 46.
- Bessa, L. J., Paolo, F., Mara, D. G., dan Luigina, C. 2015. Bacterial isolates from infected wounds and their antibiotic susceptibility pattern: Some remarks about wound infection. *International Wound Journal* vol. 12.
- BPOM RI. Pusat Informasi Obat Nasional. Diakses pada 13 Juni 2020, dari <http://pionas.pom.go.id/ioni/bab-13-kulit/1310-antiinfeksi-untuk-kulit/13101-antibakteri>
- Brooks, G. F., Butel, J. S., dan Morse, S. A. 2005. *Medical Microbiology*. Edisi 22. McGraw Hills Company.
- _____. 2008. *Medical Microbiology*. Edisi 23. McGraw Hills Company.
- _____. 2013. *Medical Microbiology*. Edisi 26. McGraw Hills Company.
- Chauhan, A., dan Rijhwani, S. 2015. A comprehensive review on phytochemistry of *Ageratum conyzoides* Linn. (Goat weed). *Management and Applied Sciences*.
- Cronquist, A. 1981. *An integrated system of classification of flowering plants*. New York: Columbia University Press.
- Daula, A., Rokeya, S., M. Alam, dan M. Abul H. 2012. Studies on the Antimicrobial Activity and Brine Shrimp Toxicity of the Leaves Extract of *Ageratum conyzoides*. *Bangladesh Journal of Microbiology* vol.29.

- Deng, Y., dan Shanfa, L. 2017. Biosynthesis and Regulation of Phenylpropanoids in Plants. *Critical Reviews in Plant Sciences* vol. 36.
- Depkes, RI. 2000. *Parameter Standar Umum Ekstrak Tumbuhan Obat*. Direktorat Jenderal Pengawasan Obat dan Makanan.
- Dong, S., Yang, X., Zhao, L., dan Zhang, F., 2020. Antibacterial activity and mechanism of action saponins from *Chenopodium quinoa* Willd. husks against foodborne pathogenic bacteria. *Industrial Crops and Products* vol. 149.
- Dongmo, A., Larissa, C. Y., Guy, S. S., Donatien, G., dan Jules, R. K. 2018. Antidermatophytic activity and adverse side effects of the methanolic extract from leaves of *Ageratum conyzoides* L. (Asteraceae). *Investigational Medicinal Chemistry and Pharmacology*.
- Eghomwanre, A. F., Ihaza, O. V., dan Obayagbona, O. N., 2016. Interaction between Leaf Extracts of *Ageratum conyzoides* L. and Antibiotics Against Clinical Strains of *Pseudomonas aeruginosa* and *Staphylococcus aureus*. *Nigerian Journal of Biotechnology* vol. 31.
- Elimian, K. O., Ebakota, O. D., Emmanuel, A. A., dan Joseph, O. O. 2013. Comparative analysis of *Ageratum conyzoides* L. and *Ocimum gratissimum* extracts on some clinical bacterial isolates. *Asian Journal of Plant Science and Research* vol. 3.
- Ere, D., Pondei, K., Queen, I., dan Langley, O. 2014. Phytochemicals and Antimicrobial activity of plant parts of *Ageratum conyzoides* L. extracted using different solvents. *Journal of Chemical, Biological and Physical Sciences* vol. 4.
- Faqueti, L. G., Louis, P. S., dan Maique, W. B. 2017. Simultaneous identification and quantification of polymethoxyflavones, coumarin and phenolic acids in *Ageratum conyzoides* L. by UPLC-ESI-QToF-MS and UPLC-PDA. *Journal of Pharmaceutical and Biomedical Analysis* vol. 145.
- Federal Bureau of Prisons. 2014. Prevention and Management of Acute and Chronic Wounds. *Clinical Practice Guidelines*.
- Garg, P., Arneet, G., dan Raman, K. V. 2015. In Vitro Antibacterial Activity of *Ageratum conyzoides* L. (Asteraceae). *World Journal of Pharmacy and Pharmaceutical Sciences* vol. 4.
- Habibi, A. I., R. Arizal, F., Siti, M. S., 2018. Skrining Fitokimia Ekstrak n-Heksan Korteks Batang Salam (*Syzygium polyanthum*). *Indonesian Journal of Chemical Science* vol. 7.
- Harfiani, E., Riri, N., Katrin, B., Ade, A., dan Anton, B. 2017. Functional analysis of *Ageratum conyzoides* L. (Babandotan) leaves extract on rheumatoid arthritis model rat. *Asian Journal of Pharmaceutical and Clinical Research* vol. 10.

- Hayati, N. A., Chairul, S., dan Erwin. 2015. Uji Toksisitas Dan Aktivitas Antibakteri Ekstrak Daun Merah Tanaman Pucuk Merah (*Syzygium myrtifolium* Walp.) Terhadap Bakteri *Staphylococcus aureus* dan *Escherichia coli*. *Jurnal Kimia Mulawarman* vol. 13.
- Iqbal, E., Kamariah, A. S., dan Linda, B. 2015. Phytochemical screening, total phenolics and antioxidant activities of bark and leaf extracts of *Goniothalamus velutinus* (Airy Shaw) from Brunei Darussalam. *Journal of King Saud University – Science* vol. 27.
- Isnawati, A., Harfia, M., dan Kamilatunisah. 2008. Isolasi dan Identifikasi Senyawa Kumarin dari tanaman *Artemisia annua* L. *Media Litbang Kesehatan*.
- Jabrink, K., Ni, G., Sonnergen, H., Schmidtchen, A., Pang, C., Bajpai, R., dan Car, J. 2016. Prevalence and incidence of chronic wounds and related complications: A protocol for a systematic review. *Systematic Reviews* vol. 5.
- Kayser, F., K. A. Bienz, J. Eckert, R. M. Zinkernagel. 2005. *Medical Microbiology*. New York: Thieme.
- Kemenkes RI. 1995. *Farmakope Indonesia*. Edisi IV. Jakarta: Departemen Kesehatan RI.
- Kujath, K., dan Michelsen, A. 2008. Wounds – From Physiology to Wound Dressing. *Deutsches Arzteblatt* vol. 105.
- Martinus, B. A., dan Verawati. 2015. Penentuan Kadar Flavonoid Total Dan Aktivitas Antioksidan Dari Ekstrak Daun Bandotan (*Ageratum conyzoides* L.). *Scientia : Jurnal Farmasi dan Kesehatan* vol. 5.
- Minatel, I. O., Cristine, V. B., Maria, I. F., Hector, A. G., Chung, O., dan Gluseppina, P. P. 2016. Phenolic Compounds: Functional Properties, Impact of Processing and Bioavailability. *Intech*.
- Mitra, P., Tanaya, G., dan Prasanta, K. M., 2019. Antibacterial Activity of an Isolated Compound from *Ageratum conyzoides* L. Leaves. *Ecronicon* vol. 5.
- Mori, Y., Nakagami, G., Kitamura, A., Minematsu, T., Kinoshita, M., Suga, H., Kurita, M., Hayashi, C., Kawasaki, A., dan Sanada, H. 2019. Effectiveness of biofilm-based wound care system on wound healing in chronic wounds. *Wound Repair and Regeneration* vol. 27.
- NN, Azwanida. 2015. A Review on the Extraction Methods Use in Medicinal Plants, Principle, Strength and Limitation. *Medicinal & Aromatic Plants* vol. 04.
- Nussbaum, S. Ro., Carter, M. J., Fife, C. E., DaVanzo, J., Haught, R., Nusgart, M., dan Cartwright, D. 2018. An Economic Evaluation of the Impact, Cost, and

- Medicare Policy Implications of Chronic Nonhealing Wounds. *Value in Health* vol. 21.
- Okunade, A. L. 2002. *Ageratum conyzoides* L. (Asteraceae). *Fitoterapia* vol. 73.
- Olsson, M., Jarbrink, K., Divakar, U., Bajpai, R., Upton, Z., Schmidtchen, A., dan Car, J. 2019. The humanistic and economic burden of chronic wounds: A systematic review. *Wound Repair and Regeneration* vol. 27.
- Osuntokun, O. T., Taiye, A. J., A. M. Yusuf, dan Akele, E. O. 2018. Antimicrobial Properties, Phytochemical Composition, and Phenotypic Resistance Pattern of Selected Enteropathogenic Microorganism on *Ageratum conyzoides* L. (Goat Weed) Leaf Extract. *International Research Journal of Microbiology* vol. 07.
- Othman, L., Ahmad, S., dan Roula M. 2019. Antimicrobial activity of polyphenols and alkaloids in middle eastern plants. *Frontiers in Microbiology* vol. 10.
- Parbuntari, H., Y. Prestica, R. Gunawan, M. N. Nurman, dan F. Adella. 2018. Preliminary Phytochemical Screening (Qualitative Analysis) of Cacao Leaves (*Theobroma cacao* L.). *EKSAKTA: Berkala Ilmiah Bidang MIPA* vol. 19.
- Prashant, T., Bimlesh, K., Mandeep, K., Gurpreet, K., dan Harleen, K. 2011. Phytochemical screening and extraction. *Internationale Pharmaceutica Scientia*.
- Pratiwi, S. T., 2008. *Mikrobiologi Farmasi*. Jakarta: Erlangga.
- Rao, U., M., Abdurrazak, Khamsah, S. 2016. Phytochemical Screening, Total Flavonoid And Phenolic Content Assays Of Various Solvent Extracts Of Tepal Of *Musa paradisiaca*. *Malaysian Journal of Analytical Sciences* vol. 20.
- Rewo, C. A. 2017. Standardisasi Ekstrak Etanol 70 % Daun Bandotan (*Ageratum conyzoides* L.). *Akademi Farmasi Putra Indonesia Malang*.
- Schaffer, J. N., dan Pearson, M. M. 2015. *Proteus mirabilis* and Urinary Tract Infections. *Microbiology Spectrum* vol. 3.
- Sen, K. 2019. Human Wounds and Its Burden: An Updated Compendium of Estimates. *Advances in Wound Care* vol. 8.
- Soedarto. 2015. *Mikrobiologi Kedokteran*. Jakarta: CV. Agung Seto.
- Sugiyono. 2016. *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. Bandung: PT Alfabet.
- Swain, S., dan Padhy, R. 2015. In vitro antibacterial efficacy of plants used by an Indian aboriginal tribe against pathogenic bacteria isolated from clinical samples. *Journal of Taibah University Medical Sciences* vol. 10

- Syahrurachman, A. 1994. *Buku Ajar Mikrobiologi Kedokteran*. Jakarta: Bina Rupa Aksara.
- Tagousop, C. N., Tamokou, J., Ekom, S. E., David, N., dan Laurence, V. 2018. Antimicrobial activities of flavonoid glycosides from *Graptophyllum grandulosum* and their mechanism of antibacterial action. *BMC Complementary and Alternative Medicine* vol. 18.
- Tamene, D., dan Endale, M. 2019. Antibacterial Activity of Coumarins and Carbazole Alkaloid from Roots of *Clausena anisata*. *Advances in Pharmacological Sciences*.
- Tiwari, P., Bimlesh, K., Mandeep, K., Gurpreet, K., dan Harleen, K. 2011. Phytochemical screening and Extraction: A Review. *Internationale Pharmaceutica Sciencia* vol. 1.
- Utami, E. R. 2012. Antibiotika, Resistensi, dan Rasionalitas Terapi. *Sainstis Vol. 1*.
- Venugopala, K. N., V. Rashmi., dan B. Odhav. 2013. Review on natural coumarin lead compounds for their pharmacological activity. *BioMed Research International*.
- Yadav, N., Rajesh, Y., dan Anju, G. 2014. Chemistry of terpenoids. *International Journal of Pharmaceutical Sciences Review and Research* vol. 27.
- Yadav, N., Showkat, A. G., Bijender, S., Anil, K.. dam Surender, S. Y. 2019. Phytochemical constituents and ethnopharmacological properties of *Ageratum conyzoides L.* *L. Phytotherapy Research* vol. 33.
- Zhang, Q., Li-Gen, L., dan Wen-Cai, Y. 2018. Techniques for extraction and isolation of natural products: A comprehensive review. *Chinese Medicine (United Kingdom)*.