DAFTAR PUSTAKA

Adetunji, A. 2023. Bacteria Contamination of Fresh Water-Based Paint Samples. *Preprints*. 1-10.

Afdhol, M., Ahmad, M., Hidayat, F., Erfando, T., & Lestari, F. 2022. Pemanfaatan Daun Serai Wangi sebagai Bahan Baku Pembuatan Minyak Atsiri untuk Peningkatan Ekonomi Masyarakat Desa. *Dinamisia: Jurnal Pengabdian Kepada Masyarakat*. 6(3): 564-569.

Aisyah, Y., Hastuti, P., Sastrohamidjojo, H., & Hidayat, C. 2008. Chemical Composition and Antibacterial Properties of the Essential Oil of *Pogostemon cablin*. *Majalah Farmasi Indonesia*. 19(3): 151-156.

AL-Rubaye, M. R. S., Mohammed, T. K., & Abdullah, H. N. 2020. Isolation and Diagnosis of Multi Drug Resistance *Pseudomonas aeruginosa* from Wound and Burnpatients in Baghdad City. *Indian Journal of Forensic Medicine & Toxicology*. 14(3): 2431-2437.

Angane, M., Swift, S., Huang, K., Butts, C. A., & Quek, S. Y. 2022. Essential oils and their major components: An updated review on antimicrobial activities, mechanism of action and their potential application in the food industry. *Foods*. 11(3): 1-26.

Arai, H. 2011. Regulation and function of versatile aerobic and anaerobic respiratory metabolism in *Pseudomonas aeruginosa*. *Frontiers in microbiology*. 2: 103.

Ariyanto, E. J., Windari, W., Oktavianti, A., Anggraini, S. I., Zahra, A. A., & Mierza, V. 2022. Isolasi Kandungan Senyawa Flavonoid Pada Tanaman Cengkeh (*Syzygium Aromaticum*). *Jurnal Pendidikan dan Konseling (JPDK)*. 4(6): 11501-11511.

Ariyanti., Masruriati, E., Azka, M., & Hidayah, A. A. 2020. Roll on Aromaterapy Formula Activity Test Essential Oil *Syzygium Aromaticum* L. *Indonesian Journal of Global Health Research*. 2(3): 265-270.

Atmanto, Y. K. A. A., Asri, L. A., and Kadir, N. A. 2022. Media Pertumbuhan Kuman. *Jurnal Medika Hutama*. 4(1): 3069-3075.

Aryzki, S., & Febrianti, D. R. 2023. Aktivitas Minyak Atsiri Bunga Lili (*Lilium auratum*) terhadap Bakteri *Pseudomonas aeruginosa*. *Jurnal Pharmascience*. 10(1): 102-109.

Aviany, H. B., & Pujiyanto, S. 2020. Analisis Efektivitas Probiotik di Dalam Produk Kecantikan sebagai Antibakteri terhadap Bakteri *Staphylococcus epidermidis*. *Berkala Bioteknologi*. 3(2): 24-30.

Bagul, U. S., & Sivakumar, S. M. 2016. Antibiotic susceptibility testing: A review on current practices. *Int J Pharm*. 6(3): 11-17.

Baharun, K., Rukmi, M. I., Lunggani, A. T., & Fachriyah, E. 2013. Daya antibakteri berbagai konsentrasi minyak atsiri rimpang temu hitam (*Curcuma aeruginosa* roxb.) terhadap *Bacillus subtilis* dan *Staphylooccus aureus* secara *in vitro*. *Jurnal Akademika Biologi*. 2(4): 16-24.

Balouiri, M., Sadiki, M., & Ibnsouda, S. K. 2016. Methods for in vitro evaluating antimicrobial activity: A review. *Journal of pharmaceutical analysis*. 6(2): 71-79.

Benkova, M., Soukup, O., & Marek, J. 2020. Antimicrobial susceptibility testing: currently used methods and devices and the near future in clinical practice. *Journal of applied microbiology*. 129(4): 806-822.

Beslar, S. Y., Ethica, S. N., Fitria, M. S., & Ernanto, A. R. 2022. Deteksi Bakteri *Pseudomonas aeruginosa* Isolat Pus Luka Berbasis *Polymerase chain reaction* dengan Target Gen Pengkode Flagelin *flic*. *In Prosiding Seminar Nasional Unimus*. 5: 807- 819.

Bergey, D. H., Chairman., Harrison, F. C., & Breed, R. S. 1923. *Bergey's Manual of Determinative Bacteriology* (1st ed.). Lippincott Williams & Wilkins: United States of America.

Bonnet, M., Lagier, J. C., Raoult, D., & Khelaifia, S. 2020. Bacterial culture through selective and non-selective conditions: the evolution of culture media in clinical microbiology. *New microbes and new infections*. 34(100622): 1-11.

Breed, E. S., Murray, E. G. D., & Smith, N. R. 1957. *Bergey's Manual of Determinative Bacteriology* (7th ed.). Lippincott Williams & Wilkins: United States of America.

Brenner, D. J., Krieg, N. R., Staley, J. T., & Garrity, G. M. (Eds.). 2005. *Bergey's Manual® of Systematic Bacteriology: Volume Two: The Proteobacteria, Part A Introductory Essays*. Springer: Verlag US.

Bryan, T., Defny , W., & Erladys, R. 2024. Uji Aktivitas Antibakteri Ekstrak Alga Halimeda opuntia dari Perairan Desa Poopoh Kabupaten Minahasa Terhadap Pertumbuhan Bakteri *Pseudomonas aeruginosa* dan *Staphylococcus aureus*. P*harmacon*. 13(1): 507-514.

Cahyati, W, H. 2023. *Book Chapter Konservasi Alam Jilid 3*. LPPM Universitas Negeri Semarang: Semarang.

Canova, C., Jarvis, D., Walker, S., & Cullinan, P. 2013. Systematic review of the effects of domestic paints on asthma related symptoms in people with or without asthma. *Journal of Asthma*. 50(10): 1020-1030.

Cappuccino, J. G, & Sherman, N. 2014. *Microbiology A Laboratory Manual (Tenth Edition).* San Fransisco: Pearson Education, Inc, Publishing as Benjamin Cummings. 1-567.

Caroline, I. R. 2022. Kajian pustaka: tinjauan efektivitas penggunaan minyak atsiri sebagai aromaterapi. *MEDFARM: Jurnal Farmasi dan Kesehatan*. 11(2): 263-275.

Chang, C. Y. 2018. Surface sensing for biofilm formation in *Pseudomonas aeruginosa*. *Frontiers in microbiology*. 8 (2671): 1-8.

Chimaghalam, A., Mbata, T. A., & Chimaroke, C. N. 2022. Molecular Identification of Isolates from Environmental Sample Using 16s rRNA Genes from Acrylic-Based Paints Effluents. *Science View Journal*. 3(1): 194-196.

Cortés-Rojas, D. F., de Souza, C. R. F., & Oliveira, W. P. 2014. Clove (*Syzygium aromaticum):* a precious spice. *Asian Pacific journal of tropical biomedicine*. 4(2): 90-96.

Cui, H., Zhang, C., Li, C., & Lin, L. 2018. Antimicrobial mechanism of clove oil on *Listeria monocytogenes*. *Food Control*. 94:140-146.

Daeli, S. D., Waruwu, E., Lase, D., & Giawa, J. F. K. 2025. Dampak Cuaca dan Lingkungan Terhadap Struktur Bangunan di Kota Gunung Sitoli. *Inovasi Pembangunan: Jurnal Kelitbangan*. 13(1): 1-12.

Danata, N. H., Aini, N., Udayana, C., Setiawan, A., Yamika, W. S. D., & Prambudi, R. 2023. Diversity characterization of three varieties of *Cymbopogon nardus* under different shade conditions. *Biodiversitas Journal of Biological Diversity*. 24(6): 3574-3582.

David, A., Tahrioui, A., Tareau, A. S., Forge, A., Gonzalez, M., Bouffartigues, E., ... & Chevalier, S. 2024. *Pseudomonas aeruginosa* Biofilm Lifecycle:

Involvement of Mechanical Constraints and Timeline of Matrix Production. *Antibiotics*. 13(8): 1-24.

David, E., & Niculescu, V. C. 2021. Volatile Organic Compounds (VOCs) as Environmental Pollutants: Occurrence and Mitigation Using Nanomaterials. *International Journal of Environmental Research and Public Health*. 18(24): 1-15.

Deliana, F., Illian, D. N., Nadirah, S., Sari, F., & Khairan, K. 2023. Therapeutic effects of Patchouli (*Pogostemon cablin*) essential oil in relieving eczema symptoms in infants and toddlers: A literature review. *Journal of Patchouli and Essential Oil Products*. 2(1): 1-8.

de Sousa, D. P., Damasceno, R. O. S., Amorati, R., Elshabrawy, H. A., de Castro, R. D., Bezerra, D. P., Nunes, V. R. V., Gomes, R. C., & Lima, T. C. 2023. Essential oils: Chemistry and pharmacological activities. *Biomolecules*. 13(1144): 1-29.

Djasfar, S. P., & Pradika, Y. 2023. Identifikasi Bakteri Penyebab Infeksi Nosokomial (*Pseudomonas aeruginosa*) pada Lantai *Intensive Care Unit* (ICU). *Jurnal Medical Laboratory*. 2(1): 9-19.

Dhifi, W., Bellili, S., Jazi, S., Bahloul, N., & Mnif, W. 2016. Essential oils' chemical characterization and investigation of some biological activities: A critical review. *Medicines*. 3(4): 1-16.

Diggle, S. P., & Whiteley, M. 2020. Microbe Profile: *Pseudomonas aeruginosa*: opportunistic pathogen and lab rat. *Microbiology*. 166(1): 30-33.

Ermaya, D., Patria, A., Hidayat, F., & Razi, F. 2019. Pengembangan Minyak Nilam Sebagai Aromaterapi Dan Potensinya Sebagai Produk Obat. *Rona Teknik Pertanian*. 12(2): 58-63.

Etebu, E., & Arikekpar, I. 2016. Antibiotics: Classification and Mechanisms of Action with Emphasis on Molecular Perspectives. *International Journal of Applied Microbiology and Biotechnology Research*. 4(2016): 90-101.

Evama, Y., Ishak, I., & Sylvia, N. 2021. Ekstraksi Minyak Serai Dapur (*Cymbopogon citratus*) Menggunakan Metode Maserasi. *Jurnal Teknologi Kimia Unimal*. 10(2): 57-70.

Fatimatuzzahroh, F., Firani, N. K., & Kristianto, H. 2015. Efektifitas ekstrak bunga cengkeh (*Syzygium aromaticum*) terhadap jumlah pembuluh darah kapiler pada proses penyembuhan luka insisi fase proliferasi. *Majalah Kesehatan*. 2(2): 92-98.

Hamad, A., Dianata, W. A., & Hartanti, D. 2022. Aktivitas Antibakteri Kombinasi Minyak Atsiri Cengkeh (*Syzygium aromaticum*) dan Kitosan pada Pengawetan Daging Ayam. *Sainteks*. 19(2): 211-218.

Harianingsih., Retno, W., Claudya, H., & Cindy, N. A. 2017. Identifikasi GC- MS Ekstrak Minyak Atsiri dari Serai Wangi (*Cymbopogon winterianus*) Menggunakan Pelarut Metanol. *Techno*. 18(1): 023-027.

Herdiana, N., Sugiharto, R., & Winanti, D. D. T. 2024. *Rempah Dan Minyak Atsiri Daun*. CV. Gita Lentera: Sleman.

Hudzicki, J. 2016. Kirby-Bauer Disk Diffusion Susceptibility Test Protocol. *American Society for Microbiology*. 15(1): 55-63.

Jain, S., Khan, N., Park, Y., Cao, D., & Chan, D. C. 2023. Efficacy of Zinc Pyrithione as a Novel Anti-bacterial Coating Agent. *Recent Progress in Materials*. 5(2): 1-22.

Jawetz., & Adelbeg's. 2013. *Mikrobiologi Kedokteran* (Ed. 25). EGC: Jakarta.

Junaidy, R., Redha, F., & Sulaiman, I. 2019. Peningkatan Kadar Patchouli Alkohol Dalam Minyak Nilam Menggunakan Metode Destilasi Fraksinasi Vakum Bantuan Gelombang Ultrasonik. *Indonesian Journal of Industrial Research*. 15(1): 56-61.

Kardinan., Agus., & Ludi. 2004. *Mengenal Lebih Dekat Nilam Tanaman Beraroma Wangi untuk Industri Parfum dan Kosmetika*. Agromedia Pustaka: Jakarta.

Khan, Z. A., Siddiqui, M. F., & Park, S. 2019. Current and Emerging Methods of Antibiotic Susceptibility Testing. *Diagnostics*. 9(49): 1-17.

Kining, E., Falah, S., & Nurhidayat, N. 2017. The In Vitro Antibiofilm Activity of Water Leaf Extract of Papaya (*Carica papaya* L.) against *Pseudomonas aeruginosa*. *Curr Biochem*. 2(3):150-63.

Kumar, C. P. 2023. *Laboratory II: Microbiology*. Kristu Jayanti College: India.

Kurniawan, E., Sari, N., & Sulhatun, S. 2020. Ekstraksi Serai Wangi Menjadi Minyak Atsiri. *Jurnal Teknologi Kimia Unimal*. 9(2): 43-53.

Kushwaha, A., & Gupta, P. 2023. Amoxicillin: mechanism of action, pharmacokinetics, and therapeutic implications in bacterial infections. *PEXACY International Journal of Pharmaceutical Science*. 2(6): 42-64.

Kusumaningrum, H. P., Purbajanti, E. D., & Setiadi, A. 2016. Pemuliaan Tanaman Nilam (*Progestemon cablin*) Lokal Melalui Perkembangbiakan Vegetatif. *Bioma: Berkala Ilmiah Biologi*. 18(2): 123-130.

Kusumaningrum, H. P., Zainuri, M., Endrawati, H., & Purbajanti, E. D. 2020. Characterization of citronella grass essential oil of *Cymbopogon winterianus* from Batang region, Indonesia. In *Journal of Physics: Conference Series*. 1524(012057): 1-10.

Kusumaningrum, H. P., Agung, G. W., Khoirudin, F. S., l Khoiriyah, L., Amrullah, A. F., Hanifah, F., Listyanto, H. A., Zainuri, M., Widiasa, I. N., & Gunawan, I. 2023. Analysis of Chemical Compound in Essential Oil from Clove Stem Using the FTIR and GCMS Methods. In *AIP Conference Proceedings*. 2738(1).

Kusumaningrum, H. P., Subagio, A., Zainuri, M., Herida, A. P., Wiryawan, A. Z., Nuha, I., Putra, A. M., Ghozi, A. F., Suhariyanto, B. G., Samudra, J. A., Aprila, M. B., Alif, I. P., Muhammad, I. M., Listyanto, H. A., & Fadillah, A. 2024. Antibacterial activity test of patchouli essential oil (*Pogostemon cablin* benth.), clove (*Syzygium aromaticum*), and lemongrass (*Cymbopogon citratus*) against Bacteria *Escherichia coli* and *Bacillus subtilis*. In *AIP Conference Proceedings*. 3165(1).

Krisdianto, K., Satiti, E. R., & Supriadi, A. 2018. Color and Finishing Layer Changes of Five Wood Species Due to Weather Exposure. *Jurnal Penelitian Sosial dan Ekonomi Kehutanan*. 36(3): 205-218.

Leja, K., Szudera-Kończal, K., Świtała, E., Juzwa, W., Kowalczewski, P., & Czaczyk, K. 2019. The Influence of Selected Plant Essential Oils on Morphological and Physiological Characteristics in *Pseudomonas* Orientalis. *Foods*. 8(277): 1-19.

Liling, V. V., Lengkey, Y. K., Sambou, C. N., & Palandi, R. R. 2020. Uji Aktivitas Antibakteri Ekstrak Etanol Kulit Buah Pepaya *Carica papaya* L. Terhadap Bakteri Penyebab Jerawat *Propionibacterium acnes*. *Biofarmasetikal Tropis (The Tropical Journal of Biopharmaceutical)*. 3(1): 112-121.

Mayasari, U., & Sapitri, A. 2020. Uji Aktivitas Antibakteri Ekstrak Daun Serai Wangi Terhadap Pertumbuhan Bakteri *Streptococcus mutans*. *KLOROFIL: Jurnal Ilmu Biologi dan Terapan*. 3(1): 15-19.

Muhammad, S., HPS, A. K., Abd Hamid, S., Danish, M., Marwan, M., Yunardi, Y., Abdullah, C. K., Faisal, M., & Yahya, E. B. 2022. Characterization of Bioactive Compounds from Patchouli Extracted via Supercritical Carbon Dioxide (SC-CO2) Extraction. *Molecules*. 27(6025): 1-14.

Mulqie, L., Suwendar, M. F. R., Mardliyani, D., Yumniati, I., Widiasari, A. N. B., & Nurrosyidah, Z. 2022. Aktivitas Antibakteri Ekstrak Etanol Daun Jambu Air [*Eugenia Aqueum* (Burm. F) Alston] dengan Mikrodilusi Agar. *Jurnal Ilmiah Farmasi Farmasyifa*. 5(1): 1-8.

Mutschlechner, M., Gstir, R., Schöbel, H., Rössler, A., Lass-Flörl, C., & Bach, K. 2025. From process to product: exploring microbial diversity in paints. *Journal of Coatings Technology and Research*. 22(1): 481-490.

Mustapa , M. A. 2020. *Penelusuran Senyawa Tumbuhan Cengkeh*. Media Madani: Banten.

Nurjanah, S., Rosi, D. M., Fathoni, R. P., Zain, S., Widyasant, A., & Putri, I. L. K. 2019. Aktivitas Antibakteri Minyak Nilam (*Pogostemon cablin* Benth) pada Beberapa Tingkat Kadar *Patchouli Alcohol*. *Jurnal Teknologi Industri Pertanian*. 29(3): 240-246.

Obidi, O. F. 2008. *Microbial Quality Management and Shelf Life Determination of Water-Based Paints*. Doctoral dissertation, Department of Botany and Microbiology, University of Lagos, Nigeria.

Obidi, O., & Okekunjo, F. 2017. Bacterial and fungal biodeterioration of discolored building paints in Lagos, Nigeria. *World journal of microbiology and biotechnology*. 33: 1-9.

Obidi, O. F., Awe, O. O., Igwo-Ezikpe, M. N., & Okekunjo, F. O. 2022. Empirical analysis of amylolytic and proteolytic activities of microbial isolates recovered from deteriorating painted wall surfaces in Lagos Nigeria. *Bio-Research*. 20(1): 1484-1496.

Okafor, U. C., & Orji, M. U. 2022. Assessment of paint-pigment degrading microorganisms from paint industries effluent-contaminated sites in Aba, South-East Nigeria. *Journal of Applied Chemical Science International*. 13(2): 32-45.

Ortega-Ramirez, L. A., Gutiérrez-Pacheco, M. M., Vargas-Arispuro, I., González-Aguilar, G. A., Martínez-Téllez, M. A., & Ayala-Zavala, J. F. 2020. Inhibition of glucosyltransferase activity and glucan production as an antibiofilm mechanism of lemongrass essential oil against *Escherichia coli* O157: H7. *Antibiotics*. 9(102): 1-12.

Pandey, P., & Kiran, U. V. 2020. Degradation of Paints and its Microbial Effect on Health and Environment. *Journal of Critical Reviews*. 7(19): 4879-4884.

Paray, A.A., Singh, M., Mir, M. A. & Kaur, A. 2023. Gram Staining: A Brief Review. *International Journal of Research and Review*. 10(9): 336–341.

Parinduri, W. M., Rambe, T. R., & Susanti, H. 2023. Pengenalan Morfologi dan Taksonomi Daun Nilam di Desa Namo Sialang. *Jurnal Pengabdian Kepada Masyarakat*. 4(1): 60-66.

Patmawati, S., Indrastuti, I., Arhim, M., Fitri, F., Sukmawati, S., Halik, R. A. F., & Alim, N. 2023. Strategi Pengembangan Usaha Tani Minyak Daun Cengkeh (*Syzygium aromaticum*). *Wiratani: Jurnal Ilmiah Agribisnis*. 6(1): 70-84.

Pazra, D. F., Multida, I., Nurlita, S., & Sari, M. 2022. Ekstrak Cacalincingan (*Oxalis barrelieri* L) Sebagai Antibakteri Terhadap *Staphylococcus aureus* dan *Escherichia coli* Penyebab Mastitis Sapi Perah. *Jurnal Veteriner*. 23(3): 360-370.

Puspita, I. T., & Muflihah, C. H. 2023. Aktivitas antibakteri ekstrak dan fraksi rimpang lengkuas putih (*Alpinia galanga*) terhadap bakteri *Pseudomonas aeruginosa* dan *Bacillus subtilis* serta bioautografinya. *Usadha Journal of Pharmacy*. 2(2): 144-162.

Rammal, M., Badran, A., Haidar, C., Sabbah, A., Bechelany, M., Awada, M., Hassan, K. H., El-Dakdouki, M., & Raad, M. T. 2024. *Cymbopogon winterianus* (Java Citronella Plant): A Multi-Faceted Approach for Food Preservation, Insecticidal Effects, and Bread Application. *Foods*. 13(803): 1-21.

Rao, J., Chen, B., & McClements, D. J. 2019. Improving the Efficacy of Essential Oils as Antimicrobials in Foods: Mechanisms of Action. *Annual Review of Food Science and Technology*. 10: 365-387.

Riwandy, A., Aspriyanto, D., & Budiarti, L. Y. 2014. Aktivitas antibakteri ekstrak air kelopak bunga rosella (*Hibiscus sabdariffa* L.) terhadap pertumbuhan *Streptococcus mutans in vitro*. *Dentino Jurnal Kedokteran Gigi*. 2(1):60-4.

Rosmania, R., & Yanti, F. 2020. Perhitungan jumlah bakteri di Laboratorium Mikrobiologi menggunakan pengembangan metode Spektrofotometri. *Jurnal Penelitian Sains*. 22(2): 76-86.

Sadeva, I. G. K. A., Budayanti, N. N. S., Hendrayana, M. A., & Sukrama, I. D. M. 2023. Uji daya hambat minyak atsiri kulit buah jeruk bali (*Citrus maxima*) terhadap bakteri *Pseudomonas aeruginosa*. *Intisari Sains Medis*. 14(1): 124-130.

Samyn, P., Bosmans, J., & Cosemans, P. 2021. Current alternatives for in-can preservation of aqueous paints: a review. *Materials Proceedings*. 7(1): 1-8.

Saranraj, P., & Devi, D. 2018. Essential Oils and its Antibacterial Properties-A Review. *Life Science Archives (LSA) Review*. 3: 848-853.

Sapitri, A., Mayasari, U., & Marbun, E. D. 2022. Pemanfaatan Daun Serai Wangi (*Cymbopogon winterianus* Jowitt ex Bor) Sebagai Obat Kumur untuk Mencegah Karies Gigi dan Sariawan. *Jurnal Biologi Indonesia*. 18(2): 127-138.

Saputra, N. A., Wibisono, H. S., Darmawan, S., & Pari, G. 2020. Chemical Composition of *Cymbopogon nardus* Essential Oil and its Broad Spectrum Benefit. In *IOP Conference Series: Earth and Environmental Science*. 415(1): 012017.

Sari, N. M., Elsania, F., & Muyassaroh, M. 2020. Eugenol Dari Daun Cengkeh Menggunakan Metode *Steam-Hydro Distillation Microwave* Dengan Variasi Perlakuan Bahan Dan Daya Operasi. *Jurnal Teknik Kimia*. 14(2): 51-57.

Scania, A. E., & Ningsih, I. 2023. *Pseudomonas Aeruginosa*: Permasalahan, Resistensi Antibiotik dan Pemeriksaan Mikrobiologi. *Pratista Patologi*. 8(3): 139-147.

Sekhi, R. J. 2022. *Pseudomonas aeruginosa*: A review article. *European Scholar Journal*. 3(3): 78-84.

Sheikh, J., Swee, T. T., Malik, S., Saidin, S., & Chua, L. S. 2024. Bacterial Morphology and Microscopic Advancements: Navigating from Basics to Breakthroughs. *Microbiological & Immunological Communications*. 3(1): 3-41.

Simon, F. J., Porong, J. V., & Ogie, T. B. 2022. Study Of Clove Plant Cultivation Techniques (*Syzygium aromaticum* L.) In Sangihe Islands Regency. *Jurnal Agroekoteknologi Terapan*. *3*(2): 153-166.

Silva, V. F., Silva, A., Garrido, E. M., Borges, F., Gaspar, A., & Garrido, J. M. 2024. Microencapsulation of the Biocide Benzisothiazolinone (BIT) by Inclusion in Methyl-β-cyclodextrin and Screening of Its Antibacterial and Ecotoxicity Properties. *Toxics*. 12(9): 1-13.

Sohilait, H. J. 2015. Chemical Composition of the Essential Oils in Eugenia caryophylata, Thunb from Amboina Island. Science Journal of Chemistry. 3(6): 95-99.

Somala, N., Laosinwattana, C., Chotsaeng, N., & Teerarak, M. 2023. Citronella essential oil-based nanoemulsion as a post-emergence natural herbicide. *Scientific Reports*. 13(1): 20851.

Suarantika, F., Patricia, V. M., & Rahma, H. 2023. Karakterisasi dan Identifikasi Senyawa Minyak Atsiri Pada Sereh Wangi (*Cymbopogon nardus* (L.) Rendle)

dengan Kromatografi Gas-Spektrometri Massa. *Jurnal Mandala Pharmacon Indonesia*. 9(2): 514-523.

Sumilat, D. A. 2019. Skrining Aktivitas Antibakteri Beberapa Jenis Spons terhadap Pertumbuhan Strain Bakteri Staphylococcus aureus, Escherichia coli, Staphylococcus saprophyticus, dan Pseudomonas aeruginosa. *Jurnal Ilmiah Platax*. 7(2): 455-461.

Susanti, S. F., & Susanti, S. F. 2020. Pengaruh Perbedaan Media Kultur dan Variasi Konsentrasi Ekstrak Rimpang Temulawak (*Curcuma xanthorriza*) dalam Uji Daya Hambat Terhadap Bakteri *Staphylococcus aureus*. Jurnal Sains. 11(2): 34-41.

Susilowati., Billah, M., Utami, L. I., & Dewati, R. 2023. Pembuatan Minyak Serai Wangi (*Citronella Oil*) Pada Pengabdian Masyarakat Bersama Kelompok Tani Kosagrha Lestari. *Abdimesin*. 3(1): 13-17.

Tahir, M., Muflihunna, A., & Syafrianti, S. 2017. Penentuan kadar fenolik total ekstrak etanol daun nilam (*Pogostemon cablin* Benth.) dengan metode spektrofotometri UV-Vis. *Jurnal Fitofarmaka Indonesia*. 4(1): 215-218.

Tangko, R., Wardianti, W., Safitri, R., & Salampe, M. 2019. Efek Minyak Atsiri Daun Nilam (*Pogostemon cablin* Benth) Terhadap Kadar MDA Tikus yang Dipapar Asap Rokok. *Majalah Farmasi dan Farmakologi*. 23(2): 64-66.

Teruna, H. Y., & Rahayu, W. N. 2021. Analisis Komponen Minyak Atsiri Daun Nilam (*Pogostemon cablin*) Lokal Pekanbaru Menggunakan GC-MS. *Jurnal Farmasi Indonesia.* 13(1): 19-24.

Thi, M. T. T., Wibowo, D., & Rehm, B. H. 2020. *Pseudomonas aeruginosa* Biofilms. *International Journal of Molecular Sciences*. 21(22): 1-25.

Tulungen, F. R. 2019. Cengkeh dan manfaatnya bagi kesehatan manusia melalui pendekatan competitive intelligence. *Biofarmasetikal Tropis (The Tropical Journal of Biopharmaceutical)*. 2(2): 158-169.

Udawaty, W., Yusro, F., & Sisillia, L. 2019. Identifikasi Senyawa Kimia Minyak Serai Wangi Klon G3 (*Cymbopogon nardus* L.) dengan Media Tanam Tanah Gambut dan Potensinya Sebagai Antibakteri *Enterococcus faecalis*. *Jurnal Tengkawang*. 9(2): 71-81.

Urgancı, N. N., Yılmaz, N., Alaşalvar, G. K., & Yıldırım, Z. 2022. *Pseudomonas aeruginosa* and its pathogenicity. *Turkish Journal of Agriculture-Food Science and Technology*. 10(4): 726-738.

Urip, U., Sari, T. E. N., Diarti, M. W., & Tatontos, E. Y. 2023. Bacterial Culture Streak Method for Inventory of Enterobacteriaceae Causes Diarrhea in the Body of House Fly (*Musca Domestica*). *Jurnal Penelitian Pendidikan IPA*. 9(1): 472-477.

Utomo, S. B., Fujiyanti, M., Lestari, W. P., & Mulyani, S. 2018. Uji Aktivitas Antibakteri Senyawa C-4-Metoksifenilkaliks[4]resorsinarena Termodifikasi Hexadecyltrimehylammonium-Bromide terhadap Bakteri *Staphylococcus aureus* dan *Escherichia coli*. *Jurnal Kimia dan Pendidikan Kimia*. 3(3): 201-209.

Valentini, M., & Filloux, A. 2016. Biofilms and cyclic di-GMP (c-di-GMP) signaling: lessons from *Pseudomonas aeruginosa* and other bacteria. *Journal of Biological Chemistry*. 291(24): 12547-12555.

Vetrivel, A., Ramasamy, M., Vetrivel, P., Natchimuthu, S., Arunachalam, S., Kim, G. S., & Murugesan, R. 2021. *Pseudomonas aeruginosa* biofilm formation and its control. *Biologics*. 1(3): 312-336.

Webber, D. M., Wallace, M. A., & Burnham, C. A. D. 2022. Stop Waiting fr Tomorrow: Disk Diffusion Performed on Early Growth is an Accurate Method for Antimicrobial Susceptibility Testing with Reduced Turnaround Time. *Journal of Clinical Microbiology*. 60(5): 1-10.

Widowati, R., Handayani, S., & Lasdi, I. 2019. Aktivitas antibakteri minyak nilam (*Pogostemon cablin*) terhadap beberapa spesies bakteri uji. *Jurnal Pro-Life*. 6(3): 237-249.

Wijayati, N., Astutiningsih, C., & Mulyati, S. 2014. Transformasi α-Pinena dengan Bakteri Pseudomonas aeruginosa ATCC 25923. *Biosaintifika: Journal of Biology & Biology Education*. 6(1): 24-28.

Yunilawati, R., Rahmi, D., Handayani, W., & Imawan, C. 2021. Minyak Atsiri sebagai Bahan Antimikroba dalam Pengawetan Pangan. *Minyak Atsiri: Produksi dan Aplikasinya untuk Kesehatan*. 85-121.

Yusmaniar., Wardiyah., and Nida, K. 2017. *Mikrobiologi dan Prasitologi*. Kementerian Kesehatan Republik Indonesia, Jakarta.

Zhang, S., Zheng, H., Chang, W., Lou, Y., & Qian, H. 2023. Microbiological Deterioration of Epoxy Coating on Carbon Steel by *Pseudomonas aeruginosa*. *Coatings*. 13(606): 1-13.

Żukowska, G., & Durczyńska, Z. 2024. Properties and applications of essential oils: A review. *Journal of Ecological Engineering*. 25(2): 333–340.