# DAFTAR PUSTAKA


Abdullah, N. A. M. H., Dom, N. C., Salleh, S. A., Salim, H., & Precha, N. (2022). The association between dengue case and climate: A systematic review and meta-analysis. *One Health*, *15*, 100452. https://doi.org/10.1016/j.onehlt.2022.100452

Abdullah, S. P. K., Adriaty, D., Iswahyudi, Wahyuningtyas, P. A., Yamani, L. N., Alinda, M. D., Wahyuni, R., & Prakoeswa, C. R. S. (2023). Measurements and Accuracy of IgM and IgG Anti Phenolic Glycolipid-1 Levels in Blood Serum for Early Detection Mycobacterium leprae by using Enzyme-Linked Immunosorbent Assay (ELISA): A Reality of a Laboratory. *Indonesian Journal of Tropical and Infectious Disease*, *11*(2). https://doi.org/10.20473/ijtid.v11i2.43481

Adrianto, H., Subekti, S., Arwati, H., Rambung, E., Silitonga, H. T. H., & Rohmah, E. A. (2023). Another Mode of Action of Temephos Against *Aedes aegypti* Larvae: A Stomach Poison Investigation. *Pharmacognosy Journal*, *15*(2), 298–303. https://doi.org/10.5530/pj.2023.15.43

Adrianto, H., Subekti, S., Arwati, H., & Rohmah, E. A. (2023). *Pengendalian Nyamuk Aedes: Dari Teori, Laboratorium, Hingga Implementasi di Komunitas* (I. T. Agustin, Ed.). CV Jejak.

Al Mamari, H. (2022). *Phenolic Compounds: Classification, Chemistry, and Updated Techniques of Analysis and Synthesis*. https://doi.org/10.5772/intechopen.98958

Ambarwati, N. A., & Nurdin, F. (2024). An Analysed of Effect Papaya Leaf Extract the Concentration *Aedes aegypti* Mosquito Larva. *Jurnal Ekonomi*, *13*(03), 782–792.

Anindita, R., Ningsih, M. M., & Inggraini, M. (2023). Kepadatan Populasi Larva *Aedes aegypti*. Pada Tempat Penampungan Air (Tpa) di Kelurahan Tengah Kecamatan Kramat Jati Jakarta Timur. *Jurnal Kesehatan Hesti Wira Sakti*, *11*(01), 20–33.

Anjali, V., Lavanya, V., Kumari, B. R., & Girish, C. (2018). Evaluation of Phytochemical Parameters of Herbal Formulation of Ficus benghalensis and Panax ginseng. *Int J Health Sci Res (WwwIjhsrOrg)*, *8*(1), 77–84.

Aparna, B., & Hema, B. P. (2022). Preliminary Screening and Quantification of Flavonoids in Selected Seeds of Apiaceae by UV-Visible Spectrophotometry with Evaluation Study on Different Aluminium Chloride Complexation

Reaction. *Indian Journal of Science and Technology*, *15*(18), 857–868. https://doi.org/10.17485/IJST/v15i18.131

Artanti, A. N., Prihapsara, F., & Susanto, R. K. (2022). Cytotoxic Effects of Parijoto (Medinilla speciosa Reinw. Ex. Bl.) Methanol Extract Combined with Cisplatin on WiDr Colon Cancer Cells Through Apoptosis Induction. *Indonesian Journal of Biotechnology*, *27*(2), 99. https://doi.org/10.22146/ijbiotech.63766

Asmita, A., Linda, R., & Gusmalawati, D. (2023). Ethnobotany of Medicinal Plants from the Malay People in Tanjung Village, Bunguran District, Northeastern District of Natuna Regency. *Jurnal Biologi Tropis*, *23*(2), 575–586.

Astutik, P., Yuswantina, R., & Vifta, R. L. (2021). Perbandingan Aktivitas Antifungi Ekstrak Etanol 70% dan 96% Buah Parijoto (Medinilla speciosa) Terhadap Candida albicans. *Journal of Holistics and Health Sciences (JHHS)*, *3*(1), 32–41.

Azhari, A., Saputra, M. Y., Zakaria, M. R., Silalahi, D., Sartika, W., Hasibuan, H. F. Z., Kurniawan, R., Maulana, S., Aziz, S., & Sukrasno, S. (2022). Potential Antioxidant Constituent from Leaf of Rhizophora apiculata an Typical Mangrove at Lempasing, South Lampung Coast. *Stannum: Jurnal Sains dan Terapan Kimia*, *4*(2), 60–67. https://doi.org/10.33019/jstk.v4i2.3631

Bahri, S. (2020). Ekstraksi Kulit Batang Nangka menggunakan Air untuk Pewarna Alami Tekstil. *Jurnal Teknologi Kimia Unimal*, *8*(2), 73. https://doi.org/10.29103/jtku.v8i2.2683

Bai, J., Zhang, Y., Tang, C., Hou, Y., Ai, X., Chen, X., Zhang, Y., Wang, X., & Meng, X. (2021). Gallic acid: Pharmacological Activities and Molecular Mechanisms Involved in Inflammation-Related Diseases. *Biomedicine & Pharmacotherapy*, *133*, 110985. https://doi.org/10.1016/j.biopha.2020.110985

Bitwell, C., Indra, S. Sen, Luke, C., & Kakoma, M. K. (2023). A Review of Modern and Conventional Extraction Techniques and Their Applications for Extracting Phytochemicals from Plants. *Scientific African*, *19*, e01585. https://doi.org/10.1016/j.sciaf.2023.e01585

Blomqvist, A. (2023). Prostaglandin E Production by Brain Endothelial Cells and the Generation of Fever. *DNA and Cell Biology*, *42*(3), 107–112. https://doi.org/10.1089/dna.2022.0662

Capah, A. C., Sholeha, A. F., Putri, M., Putri, S. E., Akmeltha, A. D., Oktavia, R., Dinni, S. R., & Saputra, I. S. (2025). The Effect of Differences in Characteristics of Bidara Leaf Extract (Ziziphus mauritiana L.) Obtained

from Maceration, Ultrasonic, and Soxhlet Methods. *Indonesian Journal of Cosmetic*.

*Centers for Disease Control and Prevention* (CDC). (2020). *Mosquito Control: What You Need to Know About Larvicides*.

*Centers for Disease Control and Prevention* (CDC). (2024). *Life Cycle of Aedes Mosquitoes*. https://www.cdc.gov/mosquitoes/about/life-cycle-of-aedes-mosquitoes.html

Chamani, M., Dadpour, M., Dehghanian, Z., Panahirad, S., Chenari Bouket, A., Oszako, T., & Kumar, S. (2025). From Digestion to Detoxification: Exploring Plant Metabolite Impacts on Insect Enzyme Systems for Enhanced Pest Control. *Insects*, *16*(4), 392.

Cheng, Q., Jing, Q., Collender, P. A., Head, J. R., Li, Q., Yu, H., Li, Z., Ju, Y., Chen, T., Wang, P., Cleary, E., & Lai, S. (2023). *Prior Water Availability Modifies the Effect of Heavy Rainfall on Dengue Transmission: A Time Series Analysis of Passive Surveillance Data from Southern China*. https://doi.org/10.21203/rs.3.rs-3302421/v1

Damayanti, P. N., Luhurningtyas, F. P., & Indrayati, L. L. (2023). Penetapan Kadar Fenolik dan Flavonoid Total Ekstrak Etanol Buah Parijoto (Medinilla speciosa Blume) dengan Metode Spektrofotometri UV-Vis. *Jurnal Farmasi (Journal of Pharmacy)*, *12*(1). https://doi.org/10.37013/jf.v12i1.222

Davila-Barboza, J. A., Gutierrez-Rodriguez, S. M., Juache-Villagrana, A. E., Lopez-Monroy, B., & Flores, A. E. (2024). Widespread Resistance to Temephos in *Aedes aegypti* (Diptera: Culicidae) from Mexico. *Insects*, *15*(2), 120. https://doi.org/10.3390/insects15020120

De Silva, W. D. M., & Jayalal, S. (2020). Dengue Mosquito Larvae Identification Using Digital Images. *2020 International Research Conference on Smart Computing and Systems Engineering (SCSE)*, 31–36. https://doi.org/10.1109/SCSE49731.2020.9313003

Departemen Kesehatan Republik Indonesia. (2000). *Parameter Standar Umum Ekstrak Tumbuhan Obat* (Cetakan Pertama). Departemen Kesehatan Republik Indonesia.

Dewi, L. M., Syah, D. A., Bestari, R. S., & Rosyidah, D. U. (2024). Perbandingan Efek Larvasida Daun Kemangi dengan Pengencer Tween 80 dan PEG 400 Terhadap Larva *Aedes aegypti*. *Ibnu Sina: Jurnal Kedokteran Dan Kesehatan-Fakultas Kedokteran Universitas Islam Sumatera Utara*, *23*(2), 271–278.

Dewi, Y. K., & Suryani, N. (2024). Physico-Chemical Characteristics of Figs Herbal Tea (Ficus racemosa L.) as a Functional Antidiabetic Drink. *Journal of Natural Sciences and Mathematics Research*, *10*(2), 178–188.

*European Centre for Disease Prevention and Control* (ECDC). (2024). *Dengue Worldwide Overview*. https://www.ecdc.europa.eu/en/dengue-monthly#

Evania, A., & Rakainsa, S. K. (2023). Antibacterial Activity Peel-Off Mask Ethanol Extract of Pomegranate Peel (Punica granatum L.) Against Staphylococcus epidermidis and Staphylococcus aureus. *Journal of Science and Technology Research for Pharmacy*, *3*(1), 1–15.

Fairuzzahra, J. A. (2021). *Uji Ekstrak Parijoto Terhadap Enzim α- Glukosidase sebagai Antidiabetes dan Antibakteri*. Universitas Wahid Hasyim.

Fajriansyah, F., & Sartika, I. (2022). Pengaruh Ekstrak Daun Pepaya (Carica papaya linn) Terhadap Larvasida *Aedes aegypti*. *Jurnal SAGO Gizi Dan Kesehatan*, *3*(2), 157. https://doi.org/10.30867/gikes.v3i2.926

Faradilla, M., & Rizal, K. (2023). Phytochemical Screening Analysis of Guava Leaf Extract (Psidium guajava L.) Against the Content of Saponins, Tannins, and Flavonoids. *Journal of Natural Sciences and Mathematics Research*, *9*(2), 117–126.

Farnsworth, N. R. (1966). Biological and Phytochemical Screening of Plants. *Journal of Pharmaceutical Sciences*, *55*(3), 225–276. https://doi.org/10.1002/jps.2600550302

Fatimah, S. F., Farida, V., Nuari, Y. R., Viviandhari, D., & Pertiwi, D. V. (2024). Investigating the Impact of Surfactant and Cosolvent on the Polyphenolic Content in Arumanis Mango Leaf Extract (Mangifera indica L.). *Jurnal Sains Farmasi & Klinis*, *11*(1), 39–47. https://doi.org/10.25077/jsfk.11.1.39-47.2024

Febriyanti, M. K., Supomo, Nurhasnawati, H., & Noorcahyati. (2023). The Characterization of the Simplies and Ethanol Extracts of Limpasu Leaf and Fruit (Baccaurea lanceolata (Miq.) Müll. Arg.). *Journal of Pharmacognosy and Phytochemistry*.

Frediansyah, A., & Aziz, S. A. A. (2024). *Phytochemical Properties of Medinilla speciosa Leaf Extract and Its Antibacterial Activity Against Burkholderia sp.* 060051. https://doi.org/10.1063/5.0183974

Geris, R., Ribeiro, P. R., Da Silva Brandão, M., Da Silva, H. H. G., & Da Silva, I. G. (2012). *Bioactive Natural Products as Potential Candidates to Control Aedes aegypti, the Vector of Dengue* (pp. 277–376). https://doi.org/10.1016/B978-0-444-59514-0.00010-9

*Global Biodiversity Information Facility* (GBIF). (2023a). *Taxonomy of Aedes aegypti*. https://doi.org/10.15468/39omei

*Global Biodiversity Information Facility* (GBIF). (2023b). *Taxonomy of Medinilla speciosa*. https://doi.org/10.15468/39omei

Granados-Echegoyen, C., Campos-Ruiz, J. A., Pérez-Pacheco, R., Vásquez-López, A., Vera-Reyes, I., Arroyo-Balán, F., Santillán-Fernández, A., Villanueva-Sánchez, E., Villanueva-Verduzco, C., Fonseca-Muñoz, A., Diego-Nava, F., & Wang, Y. (2024). Preliminary Bioactivity Assessment of Myrothecium Species (Stachybotryaceae) Crude Extracts against *Aedes aegypti* (Diptera: Culicidae): A First Approach from This Phytopathogenic Fungi. *Journal of Fungi*, *10*(7), 466. https://doi.org/10.3390/jof10070466

Hanif, M., Lastuti, N. D. R., & Kurnijasanti, R. (2021). Effect of Larvicidal Extract N-Hexane Lime Leaves (Citrus hystrix) on Larva Instar III Mosquito (Culex quinquefasciatus). *World's Veterinary Journal*, *11*(3), 416–421. https://doi.org/10.54203/scil.2021.wvj53

Hidayat, M. T., Marhaeni, B., & Wijayanti, S. P. M. (2023). Potential of Leaf Extracts Sonneratia alba and Avicennia alba as a Biolarvacide of *Aedes aegypti* Mosquito. *BALABA*, *18*(2), 159–166. https://journalkolegium.epidemiologi.id/index.php/kei/article/view/83

Hossain, M. S., Raihan, M. E., Hossain, M. S., Syeed, M. M. M., Rashid, H., & Reza, M. S. (2022). Aedes Larva Detection Using Ensemble Learning to Prevent Dengue Endemic. *BioMedInformatics*, *2*(3), 405–423. https://doi.org/10.3390/biomedinformatics2030026

Hujjatusnaini, N., Iswahyudi, I., & Nur-Indahsari, L. I. (2024). Morphological Characteristics and Content of Secondary Metabolite Compounds of Medicinal Plants for Postpartum Infection Therapy. *Jurnal Agronomi Tanaman Tropika (JUATIKA)*, *6*(1), 80–92. https://doi.org/10.36378/juatika.v6i1.3415

Husnawati, Purwanto, U. M. S., & Rispriandari, A. A. (2020). Perbedaan Bagian Tanaman Krokot (Portulaca grandiflora Hook.) Terhadap Kandungan Total Fenolik dan Flavonoid Serta Aktivitas Antioksidan. *Current Biochemistry*, *7*(1), 10–20.

Hustedt, J. C., Doum, D., Keo, V., Ly, S., Sam, B., Chan, V., Alexander, N., Bradley, J., Liverani, M., Prasetyo, D. B., Rachmat, A., Shafique, M., Lopes, S., Rithea, L., & Hii, J. (2021). Field Efficacy of Larvivorous Fish and Pyriproxyfen Combined with Community Engagement on Dengue Vectors in Cambodia: A Randomized Controlled Trial. *The American Journal of Tropical Medicine and Hygiene*, *105*(5), 1265–1276. https://doi.org/10.4269/ajtmh.20-1088

Ilić, D. P., & Vukotić, D. (2023). Innovative Extraction Technologies. *Trends in Horticulture*, *6*(2), 3000. https://doi.org/10.24294/th.v6i2.3000

Innaya, A. Y., Syauqi, A., & Ramadhan, M. (2025). Analysis of Total Phenolic Content and Antibacterial Activity of Black Pomegranate (Punica granatumL.) Peel: Potential as a Natural AntibacterialAgent. *The Journal of Pure and Applied Chemistry Research*, *14*(1), 34–43. https://doi.org/10.21776/ub.jpacr.2025.014.01.7927

Irodah, P. A., Nuryady, M. M., & Nurwidodo, N. (2024). Neem leaves (Azadirachta Indica) and Jasmine flowers (Jasminum sambac): A Toxic Combination of *Aedes aegypti*. *Green and Tropical Laboratory for Sustainability*, *1*(1), 32–38.

Jannah, A. F., Winanta, A., Anggreani, I., & Krisridwany, A. (2025). Immunomodulatory Activity of Parijoto Fruit (Medinilla speciosa) on Macrophage Phagocytosis, Lymphocyte Proliferation, and IgG Production. *Indonesian Journal of Pharmaceutical Science and Technology*, *12*, 59–65. https://doi.org/10.24198/ijpst.v12s1.57948

Kementerian Kesehatan Republik Indonesia. (2017). *Farmakope Herbal Indonesia Edisi II* (II). Kementerian Kesehatan Republik Indonesia.

Kementerian Kesehatan Republik Indonesia. (2021). *Keputusan Menteri Kesehatan Republik Indonesia No. HK.01.07/MENKES/4636/2021 Tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Infeksi Dengue Anak dan Remaja*.

Kementerian Kesehatan Republik Indonesia. (2024). *Waspada Penyakit di Musim Hujan*. https://kemkes.go.id/id/waspada-penyakit-di-musim-hujan

Khadijah, Soekamto, N. H., Chalid, S. M. T., & Rafidah, N. F. (2021). Total Phenol Content and Activities of Antioxidant Extracts Methanol Limes (Citrus aurentifolia) By UV-Vis Spectrophotometry. *E3S Web of Conferences*, *328*, 01008. https://doi.org/10.1051/e3sconf/202132801008

Kresnadi, I., Amin, B. F., Ariq, H., Akbar, V. A., Winita, R., Syam, R., Susanto, L., Firmansyah, N. E., & Wibowo, H. (2021). The Susceptibility of *Aedes aegypti* in Dengue Endemic Areas, Tegal, Central Java Indonesia. *BALABA: Jurnal Litbang Pengendalian Penyakit Bersumber Binatang Banjarnegara*, 11–18. https://doi.org/10.22435/blb.v17i1.3325

Kumar, K., Srivastav, S., & Sharanagat, V. S. (2021). Ultrasound Assisted Extraction (UAE) of Bioactive Compounds from Fruit and Vegetable Processing by-Products: A Review. *Ultrasonics Sonochemistry*, *70*, 105325. https://doi.org/10.1016/j.ultsonch.2020.105325

Kumaradewi, D. A. P., Subaidah, W. A., Andayani, Y., & Al-Mokaram, A. (2021). Phytochemical Screening and Activity Test of Antioxidant Ethanol Extract of Buni Leaves (Antidesma bunius L. Spreng) Using DPPH Method. *Jurnal Penelitian Pendidikan IPA*, *7*(2), 275–280. https://doi.org/10.29303/jppipa.v7i2.675

Kurnia, B., & Suryawan, I. W. B. (2019). The Association between Obesity and Severity of Dengue Hemorrhagic Fever in Children at Wangaya General Hospital. *Open Access Macedonian Journal of Medical Sciences*, *7*(15), 2444–2446. https://doi.org/10.3889/oamjms.2019.660

Leandro, C. S., Azevedo, F. R., Cândido, E. L., & Alencar, C. H. (2023). Phytochemical Prospection and Larvicidal Bioactivity of the Janaguba (Himatanthus drasticus) Mart. Plumel (Apocynaceae) Latex Against *Aedes aegypti* L. (Diptera: Culicidae). *Brazilian Journal of Biology*, *83*. https://doi.org/10.1590/1519-6984.270143

Leksono, D. A., Kunarto, B., & Pratiwi, E. (2022). *Pengaruh Suhu Ekstraksi Teh Herbal Daun Parijoto (Medinilla Speciosa) Metoda Maserasi Berbantu Gelombang Ultrasonik Terhadap Aktivitas Antioksidan dan Organoleptiknya*.

Lestari, S., Septiyani, B. N., Proklamasiningsih, E., & Hernayanti, H. (2024). Kandungan Flavonoid dan Aktivitas Antioksidan Kitolod (Hippobroma longiflora L.) Pada Ketinggian Tempat Tumbuh Berbeda. *LenteraBio: Berkala Ilmiah Biologi*, *13*(2), 212–218.

Liu, Z., Zhang, Q., Li, L., He, J., Guo, J., Wang, Z., Huang, Y., Xi, Z., Yuan, F., Li, Y., & Li, T. (2023). The Effect of Temperature on Dengue Virus Transmission by Aedes Mosquitoes. *Frontiers in Cellular and Infection Microbiology*, *13*. https://doi.org/10.3389/fcimb.2023.1242173

Łubek-Nguyen, A., Ziemichód, W., & Olech, M. (2022). Application of Enzyme-Assisted Extraction for the Recovery of Natural Bioactive Compounds for Nutraceutical and Pharmaceutical Applications. *Applied Sciences*, *12*(7), 3232. https://doi.org/10.3390/app12073232

Luhurningtyas, F. P., Vifta, R. L., Syarohmawati, N., & Candra, M. A. (2020). Cholesterol Lowering Effect of Chitosan Nanoparticles Using Parijoto Fruits Extract. *Journal of Pharmaceutical Sciences and Community*, *17*(2), 102–111. https://doi.org/10.24071/jpsc.002017

Lutvi, E. N. A. (2020). *Karakteristik Morfologi dan Review Fitokimia Tanaman Parijoto (Medinilla Speciosa Blume) di Wisata Edukasi Kampoeng Toga Turi Putih Herbs Blitar sebagai Media Informasi*. Institut Agama Islam Negeri Tulungagung.

Maharhani, A. D., & Sukendra, D. M. (2021). Potensi Zodia (Evodia suaveolens) sebagai Insektisida Nabati Terhadap *Aedes aegypti*. *Indonesian Journal of Public Health and Nutrition*, *1*(3), 308–317.

Mangiwa, A., Maulidah, M., Patulen, T. R., Kende, D. K., Ismail, I., Lestari, D. A., Indrisari, M., & Muslimin, L. (2023). A Comparative Study on Antioxidant Activity of Infusion and Decoction of (Cayratia trifolia (L.) Domin). *Journal of Pharmaceutical and Sciences*, *6*(3), 909–915. https://doi.org/10.36490/journal-jps.com.v6i3.55

Manuhara, Y. S. W., Sugiharto, S., Kristanti, A. N., Aminah, N. S., Wibowo, A. T., Wardana, A. P., Putro, Y. K., & Sugiarso, D. (2022). Antioxidant Activities, Total Phenol, Flavonoid, and Mineral Content in the Rhizome of Various Indonesian Herbal Plants. *Rasayan J Chem*, *15*(4), 2724–2730.

Marcellia, S., Septiani, L., Berawi, K., Oktavia Ningtias, N., & Qanita Arindia, N. H. (2024). Kajian Pustaka: Efektivitas Ekstrak Tanaman sebagai Larvasida Dalam Pengendalian Nyamuk. *Jurnal Ilmu Kedokteran Dan Kesehatan*, *11*(3), 540–543. https://doi.org/10.33024/jikk.v11i3.13461

Martínez-Mercado, J. P., Sierra-Santoyo, A., Verdín-Betancourt, F. A., Rojas-García, A. E., & Quintanilla-Vega, B. (2022). Temephos, an Organophosphate Larvicide for Residential Use: A Review of Its Toxicity. *Critical Reviews in Toxicology*, *52*(2), 113–124. https://doi.org/10.1080/10408444.2022.2065967

Maryanti, E., Manalu, J. R., Yolazenia, Y., Lesmana, S. D., & Mislindawati, M. (2022). Efek Larvasida Ekstrak Etanol Daun Sirih (Piper betle.L) Terhadap Larva *Aedes aegypti*. *Jurnal Ilmu Kedokteran (Journal of Medical Science)*, *16*(1), 36. https://doi.org/10.26891/JIK.v16i1.2022.36-40

Masters, S. W., Knapek, K. J., & Kendall, L. V. (2020). Rearing *Aedes aegypti* Mosquitoes in A Laboratory Setting. *Laboratory Animal Science Professional*, *55*(6), 42.

Milanda, T., Barliana, M. I., Rosidah, R., & Kusuma, A. S. (2021). Antibacterial Activities of Parijoto (Medinilla speciosa blume) Fruit Extracts Against Clinical Isolates of Salmonella typhi and Shigella dysenteriae. *Pharmacology and Clinical Pharmacy Research*, *6*(1), 25–34.

Milanda, T., Fitri, W. N., Barliana, M. I., Chairunnisaa, A. Y., & Sugiarti, L. (2021). Antifungal Activities of Medinilla speciosa Blume Fruit Extracts Against Candida albicans and Trichophyton rubrum. *Journal of Advanced Pharmacy Education and Research*, *11*(3), 1–8. https://doi.org/10.51847/XDBIHmqd2P

Milanda, T., Lestari, K., & Tarina, N. T. I. (2021). Antibacterial Activity of Parijoto (Medinilla speciosa Blume) Fruit Against Serratia marcescens and

Staphylococcus aureus. *Indonesian Journal of Pharmaceutical Science and Technology*, *8*(2), 76. https://doi.org/10.24198/ijpst.v8i2.32166

Mituiassu, L. M. P., Serdeiro, M. T., Vieira, R., Oliveira, L. S., & Maleck, M. (2021). Momordica charantia L. Extracts Against *Aedes aegypti* Larvae. *Brazilian Journal of Biology*, *82*, e236498.

Monintja, T. C. N., Arsin, A. A., Amiruddin, R., & Syafar, M. (2021). Analysis of Temperature and Humidity on Dengue Hemorrhagic Fever in Manado Municipality. *Gaceta Sanitaria*, *35*, S330–S333. https://doi.org/10.1016/j.gaceta.2021.07.020

Muchlishoh, D. I. (2023). *Lama Ekstrasi Daun Parijoto (Medinilla speciosa Blume) Berbantu Gelombang Ultrasonik Terhadap Fenolik, Flavonoid, Tanin dan Aktivitas Antioksidan* [Skripsi]. Universitas Semarang.

Muhamad, F. T., & Azizah, R. (2023). The Impact of Environmental and Behavioral Factors on the Incidence of Dengue Hemorrhagic Fever in Indonesia: Meta-analysis. *Poltekita : Jurnal Ilmu Kesehatan*, *17*(3), 762–770. https://doi.org/10.33860/jik.v17i3.3133

Muluuchah, F. N., Suryani, A. P., Zaenuri, M., & Fatmawati, T. S. (2021). Sintetis Hand Wash Eco Green sebagai Antiseptik dari Ekstrak Etanol Daun Parijoto (Medinilla speciosa, Blume). *Cendekia Journal of Pharmacy*, *5*(2), 156–165. https://doi.org/10.31596/cjp.v5i2.146

Mulyaningrum, U., & Wardani, K. (2018). Clinical and Hematological Parameters as the Predictors of Shock in Dengue Infection. *Global Medical & Health Communication (GMHC)*, *6*(3). https://doi.org/10.29313/gmhc.v6i3.3034

Mulyatno, K. C., Yamanaka, A., Ngadino, & Konishi, E. (2012). Resistance of *Aedes aegypti* (L.) Larvae to Temephos in Surabaya, Indonesia. *The Southeast Asian Journal of Tropical Medicine and Public Health*, *43*, 29–33.

Murtiningsih, T. M., Supriningrum, R., & Nurhasnawati, H. (2023). Identification and Determination of Saponin Content from Extract of Embelia borneensis bark. *Al Ulum: Jurnal Sains Dan Teknologi*, *9*(3), 117. https://doi.org/10.31602/jst.v9i3.12499

Mutiara, M. O., Tutik, T., & Primadiamanti, A. (2022). Uji Anti Kolesterol Secara In-Vitro Ekstrak Metanol Kulit Bawang Merah (Allium cepa l.) dengan Metode Ekstraksi Refluks dan Sokletasi. *Journal of Pharmacy and Tropical Issues*, *2*(02), 71–79.

Nabila, I., Thadeus, M. S., & Herardi, R. (2023). Hepatoprotective Effect of Parijoto Fruit Extract (Medinilla speciosa Blume) on Male Mice Fed with High-Fat Diet. *Jurnal Gizi Dan Pangan*, *18*(1), 21–30. https://doi.org/10.25182/jgp.2023.18.1.21-30

Nafi'ah, R., & Rosyidah, S. (2021). Synthesis of Na-CMC Modified Cellulose Membrane from Water Hyacinth (Eichhornia Crassipes) Rods Against Cr (VI) Metal Adsorption. *JKPK (Jurnal Kimia Dan Pendidikan Kimia)*, *6*(3), 352. https://doi.org/10.20961/jkpk.v6i3.55386

*National Center for Biotechnology Information* (NCBI). (2024). *PubChem Compound Summary for CID 5392, Temephos*. Https://Pubchem.Ncbi.Nlm.Nih.Gov/Compound/Temephos.

Nekhla, H., Atmani, M., El Hanafi, L., Rhioui, W., Goubi, A., Squalli, W., Zahri, A., Harrach, A., & El Ghadraoui, L. (2023). Biological Properties of Chamaerops Humilis L.: Antioxidant and Antibacterial Activities of Leaf, Fruit and Pulp Extracts. *Ecological Engineering and Environmental Technology*, *24*(8), 346–356. https://doi.org/10.12912/27197050/171868

Nguyen, L. T., Fărcaș, A. C., Socaci, S. A., Tofană, M., Diaconeasa, Z. M., Pop, O. L., & Salanță, L. C. (2020). An Overview of Saponins – A Bioactive Group. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology*, *77*(1), 25–36. https://doi.org/10.15835/buasvmcn-fst:2019.0036

Nindyasari, A., & Hidayatullah, M. H. (2024). Uji Aktivitas Antioksidan Ekstrak Daun Kersen (Muntingia calabura L.) Hasil Maserasi dan UAE (Ultrasonic Assisted Extraction) dengan Metode DPPH (2, 2-Difenil-1-Pikrilhidrazil). *Usadha Journal of Pharmacy*, 370–383.

Ningsih, A. W., Sukardiman, S., Syahrani, A., Charisma, A. M., & Wahyuni, K. I. (2022). Study of Drying Methods and Extraction Methods on Phenolic Content. *International Conference on Government Education Management and Tourism*, *1*(1).

Nugraha, A. T., Sumarlin, L. O., Muawanah, A., Amilia, N., & Wulandari, M. (2022). The Total Phenolic, Total Flavonoid, and Brown Pigment in Honey Before and After Heating. *Elkawnie*, *8*(1), 190. https://doi.org/10.22373/ekw.v8i1.12757

Nurhasanah, D., Ulvia, R., & Junita, F. (2024). The Effect of Ethanol Concentration Variations on the Total Phenolic And Flavonoid Levels of Bauhinia purpurea L. Leaf Extract. *Journal of Biotechnology and Natural Science*, *4*(2), 81–90. https://doi.org/10.12928/jbns.v4i2.12060

Octaviani, I. (2016). *Aktivitas Antibakteri Ekstrak Daun Parijoto (Medinilla speciosa) Terhadap Escherichia coli dan Staphylococcus aureus*. Universitas Atma Jaya Yogyakarta.

Pakaya, M. Sy., Thomas, N. A., Hasan, H., Hutuba, A. H., & Mbae, G. (2023). Isolasi, Karakterisasi, dan Uji Antioksidan Fungi Endofit dari Tanaman

Batang Kunyit (Curcuma domestica Val.,). *Journal Syifa Sciences and Clinical Research*, *5*(2). https://doi.org/10.37311/jsscr.v5i2.20341

Pameswari, P., & Lubis, K. (2022). Toxicological Assessment of Lemongrass (Cymbopogon nardus L.) Liquid Waste: Biolarvicides Againts the Third Instar Larvae of *Aedes aegypti*. *J. Biolokus. J. Penelit. Pendidik. Biol. Biol*, *5*(2), 99–106.

Pan, Y., Qin, R., Hou, M., Xue, J., Zhou, M., Xu, L., & Zhang, Y. (2022). The Interactions of Polyphenols with Fe and Their Application in Fenton/Fenton-Like Reactions. *Separation and Purification Technology*, *300*, 121831. https://doi.org/10.1016/j.seppur.2022.121831

Parnomo, T., & Pohan, D. J. (2021). Test the Effectiveness of Aloe Vera Extract on the Growth of Escherichia coli in vitro. *International Journal of Health Sciences and Research*, *11*(8), 211–224. https://doi.org/10.52403/ijhsr.20210831

Pasanda, O. S. R., Syahrir, M., Indriati, S., Fauzi, A., & Adelia, C. (2021). Ekstraksi Antioksidan Bawang Dayak (Eleutherine palmifolia) dengan Metode Ultrasonic Bath. *Seminar Nasional Hasil Penelitian & Pengabdian Kepada Masyarakat (SNP2M)*, *6*(1), 121–126.

Porusia, M., & Septiyana, D. (2021). Larvicidal Activity of Melaleuca leucadendra Leaves Extract Against *Aedes aegypti*. *Caspian Journal of Environmental Sciences*, *19*(2), 277–285.

Prabowo, W. E., Sulistyaningsih, E., & Rachmawati, D. A. (2023). Lethal Dose Determination of Larvacide Effect of Citrus suhuinensis Peel Extract on *Aedes aegypti* Larvae. *Journal of Agromedicine and Medical Sciences*, *9*(2), 70. https://doi.org/10.19184/ams.v9i2.33098

Pramadani, A. T., Hadi, U. K., & Satrija, F. (2020). Habitat *Aedes aegypti* dan Aedes albopictus sebagai Vektor Potensial Demam Berdarah Dengue di Kecamatan Ranomeeto Barat, Provinsi Sulawesi Tenggara. *ASPIRATOR - Journal of Vector-Borne Disease Studies*, *12*(2), 123–136. https://doi.org/10.22435/asp.v12i2.3269

Pranata, A., Tutik, T., & Marcellia, S. (2022). Perbandingan Efektivvitas Ekstrak Etil Asetat dan N-Heksana Kulit Bawang Merah (Allium cepa L.) sebagai Larvasida *Aedes aegypti*. *Jurnal Ilmu Kedokteran Dan Kesehatan*, *8*(4). https://doi.org/10.33024/jikk.v8i4.5140

Prasetya, W., & Yastanto, A. J. (2023). Evaluasi Waktu Pengeringan pada Metode Freeze Drying Terhadap Karakteristik Kacang Tanah, Bawang Putih dan Tomat Menggunakan Alat Labconco FreeZone 2.5 L. *Indonesian Journal of Laboratory*, *1*(2), 100. https://doi.org/10.22146/ijl.v1i2.87724

Purba, F. R., Rahayu, I., Sudradjat, S. E., & Timotius, K. H. (2023). Health Benefits of Aqueous and Ethanolic Extracts of Medinilla speciosa Blume. *JPBIO (Jurnal Pendidikan Biologi)*, *8*(2), 325–338. https://doi.org/10.31932/jpbio.v8i2.2800

Putri, D. F., Husna, I., Kurniati, M., & Primadiamanti, A. (2023). Activity of Enzyme Esterase, Glutathione S Transferase and Inorganic Substance of Dengue vector *Aedes aegypti* Larvae Against Lansium domesticum Leave Extract and Fractionation. *Bali Medical Journal*, *12*(2), 1163–1170.

Putro, J. N., Edi Soetaredjo, F., Irawaty, W., Budi Hartono, S., Santoso, S. P., Lie, J., Yuliana, M., Widyarani, Shuwanto, H., Wijaya, C. J., Gunarto, C., Puspitasari, N., & Ismadji, S. (2022). Cellulose Nanocrystals (CNCs) and Its Modified Form from Durian Rind as Dexamethasone Carrier. *Polymers*, *14*(23), 5197. https://doi.org/10.3390/polym14235197

Qulub, A. S. (2022). *Penapisan Fitokimia, Kandungan Antioksidan, dan Total Fenol Ekstrak Metanol Buah Parijoto (Medinilla Speciosa) dengan Fraksinasi Berbeda*. Universitas PGRI Semarang.

Qulub, A. S., Nurdyansyah, F., Ujianti, R. M. D., Ferdiansyah, M. K., Widyastuti, D. A., Dewi, L. R., & Rahayu, P. (2022). Penapisan Fitokimia Ekstrak Buah Parijoto (*Medinilla Speciosa* Blume) Berdasarkan Perbedaan Fraksi. *Seminar Nasional Sains & Entrepreneurship*, *1*(1).

Rachmawati, F. E. (2020). Status Resistensi Larva Aedes sp Terhadap Larvasida sebagai Faktor Risiko Kejadian Demam Berdarah Dengue di Wilayah Buffer Pelabuhan Laut Tanjung Perak Surabaya. *Medical Technology and Public Health Journal*, *4*(1), 46–54. https://doi.org/10.33086/mtphj.v4i1.699

Rahmaddiansyah, R., Nofita, E., & Rusti, S. (2024). Botanical Larvicide from Jeruk Limau (*Citrus amblycarpa*) and Serai (*Cymbopogon citratus*) for Killing *Aedes aegypti* Larvae. *South East European Journal of Immunology*, *7*, 39–42. https://doi.org/10.3889/seejim.2024.6073

Rahmaningtyas, D., Pakan, P. D., & Setianingrum, E. L. S. (2022). Uji Efektivitas Larvasida Ekstrak Daun Kelor (*Moringa oleifera*) terhadap Mortalitas Larva Vektor Demam Berdarah Dengue *Aedes aegypti*. *Cendana Medical Journal (CMJ)*, *10*(2), 234–240. https://doi.org/10.35508/cmj.v10i2.8569

Raju, M. V., Chandrasekaran, M. K., Rajendran, M. S., Kanniappan, G. V., Ahalliya, R. M., Dugganaboyana, G. K., Almutairi, M. H., Almutairi, B. O., Khusro, A., & Vijayaraghavan, P. (2024). Deciphering the Therapeutic, Larvicidal, and Chemical Pollutant Degrading Properties of Leaves-Mediated Silver Nanoparticles Obtained from *Alpinia purpurata*. *BioResources*, *19*(2), 3328–3352. https://doi.org/10.15376/biores.19.2.3328-3352

Ramadhan, H., Muthia, R., Wahyunita, S., Forestryana, D., Soleha, S. M., & Lihimi, L. (2023). Comparison of Extraction Solvents Towards Anti-*Propionibacterium acnes* Activity of *Alphitonia incana* (Roxb). Teijsm. & Binn. ex Kurz Leaves. *Indonesian Journal of Pharmaceutical Science and Technology*. https://doi.org/10.24198/ijpst.v0i0.45897

Rantina, P., Yani, D. F., Sari, S. P., & Raihan, D. (2022). Phytochemical Screening and Larvicidal Activity of Kebiul (*Caesalpinia Bonduc*. L) Seed Kernel Against *Aedes aegypti* Mosquito. *Walisongo Journal of Chemistry*, *5*(1), 59–66. https://doi.org/10.21580/wjc.v5i1.9476

Rao, M. R. K. (2020). Lethal Efficacy of Phytochemicals Formulations Derived from the Leaf Extracts of Indian Medicinal Plants Control Dengue and Zika Vector. *International Research Journal of Environmental Sciences*, *9(3)*, 44–54.

Rasyid, F. A., Amin, A., Sukmawati, S., Djakariani, K. P., Riska, R., Aliansyah, Moch. R., & Sari, C. A. (2023). Toxicity Activity and Total Phenolic Content of Soursop Leaves from Three Regions in South Sulawesi, Indonesia. *Journal of Experimental and Clinical Pharmacy (JECP)*, *3*(2), 116. https://doi.org/10.52365/jecp.v3i2.674

Ridha, M. R., Marlinae, L., Zubaidah, T., Fadillah, N. A., Widjaja, J., Rosadi, D., Rahayu, N., Ningsih, M., Desimal, I., & Sofyandi, A. (2023). Control Methods for Invasive Mosquitoes of *Aedes aegypti* and *Aedes albopictus* (Diptera: Culicidae) in Indonesia. *Veterinary World*, 1952–1963. https://doi.org/10.14202/vetworld.2023.1952-1963

Rifkia, V., & Revina, R. (2023). Pengaruh Variasi Bahan: Pelarut dan Lama Ekstraksi Ultrasonik dari Ekstrak Daun Kelor Terhadap Rendemen dan Kadar Total Fenol. *JFIOnline | Print ISSN 1412-1107 | e-ISSN 2355-696X*, *15*(1), 94–100. https://doi.org/10.35617/jfionline.v15i1.126

Risfianty, D. K., & Indrawati, I. (2020). Perbedaan Kadar Tanin Pada Infusa Daun Asam Jawa (Tamarindus indica L.) dengan Metode Spektrofotometer UV-VIS. *Lombok Journal Of Science*, *2*(3), 1–7.

Rumape, O., Kilo, A. La, & Ischak, N. I. (2022). Amethyst Leaf Extract as Pest Control and Fertilizer for Soybean Plants. *Biodiversitas Journal of Biological Diversity*, *23*(7). https://doi.org/10.13057/biodiv/d230706

Sa'adah, N. N., Purwani, K. I., Nurhayati, A. P. D., & Ashuri, N. M. (2017). *Analysis of Lipid Profile and Atherogenic Index in Hyperlipidemic Rat (Rattus norvegicus Berkenhout, 1769) That Given the Methanolic Extract of Parijoto (Medinilla speciosa)*. 020031. https://doi.org/10.1063/1.4985422

Safitri, M., Sauri, S., Kuncoro, B., & Aprilliani, A. (2024). Formulation and Antioxidant Activity Test of Face Toner Extract Preparation from 70%

Ethanol of Cucumber Fruit (Cucumis sativus L.). *Jurnal Farmasi Sains Dan Praktis*, 122–134. https://doi.org/10.31603/pharmacy.v10i2.9205

Saleem, F., Atiq, A., Altaf, S., Habib, M., & Iqbal, T. (2023). Etiology, Treatment and Complications of Dengue Fever: A Systematic Analysis. *International Journal of Agriculture and Biosciences*, *Zoonosis Volume 3*, 551–560. https://doi.org/10.47278/book.zoon/2023.123

Saptarini, N. M., Pratiwi, R., & Maisyarah, I. T. (2022). Colorimetric Method for Total Phenolic and Flavonoid Content Determination of Fig (Ficus carica L.) Leaves Extract from West Java, Indonesia. *Rasayan Journal of Chemistry*, *15*(01), 6000–6605. https://doi.org/10.31788/RJC.2022.1516670

Sari, A. P., Amanah, N. L., Wardatullathifah, A., & Nugroho, A. (2022). Comparison of Maseration and Sonication Method on Flavonoid Extraction from Mango Leaves: Effect of Solvent Ratio. *ASEAN Journal of Chemical Engineering*, *22*(2), 274. https://doi.org/10.22146/ajche.74204

Sarosa, A. H., Dewi, L. K., Asyikaputri, D. E., Rayhan, H., Nurhadianty, V., Nirwan, W. O. C., Hapsari, S., & Bayu, A. I. (2023). Perubahan Kadar Air Bahan Daun Jeruk Purut Terhadap Ekstrak Daun. *Jurnal Teknik Kimia*, *18*(1), 7–14.

Savita, Lady. (2024). Comorbid Factors and Duration of Illness in Dengue Hemorrhagic Fever Patients at Universitas Airlangga Hospital, Surabaya, Indonesia. *Journal of Community Medicine and Public Health Research*, *5*(1), 71–78. https://doi.org/10.20473/jcmphr.v5i1.52966

Shrestha, Y. K., & Shrestha, S. K. (2024). Fundamentals of Colorimetry. In *Advances in Colorimetry*. IntechOpen. https://doi.org/10.5772/intechopen.112344

Simatupang, R., & Wicharana, W. (2021). Characteristic of Containers in Dengue Haemorrhagic Fever Endemic Area in Coastal Area (Kedung Cowek Village), Bulak District, Surabaya. *IOP Conference Series: Materials Science and Engineering*, *1052*(1), 012019. https://doi.org/10.1088/1757-899X/1052/1/012019

St. John, A. L., & Rathore, A. P. S. (2019). Adaptive Immune Responses to Primary and Secondary Dengue Virus Infections. *Nature Reviews Immunology*, *19*(4), 218–230. https://doi.org/10.1038/s41577-019-0123-x

Sudewi, S., Lubis, S. H., & Perangin-angin, E. K. B. (2023). Formulasi Sediaan Lotion Ekstrak Etanol Buah Buncis (Phaseolus vulgaris L.) sebagai Pelembab Kulit. *Jurnal Pharmascience*, *10*(1), 132–141.

Sudiartawan, I. P., Erjana, I. G. P., Juliasih, N. K. A., & Arsana, I. N. (2023). Community Perception of Biocontrol Agent Using Betta splendens (Ikan

Cupang) Against *Aedes aegypti* Larvae: A Community Study in Bali. *BKM Public Health and Community Medicine*, *39*(06), e4262. https://doi.org/10.22146/bkm.v39i6.4262

Sugiarti, L., Andriyani, D. M., Pratitis, M. P., & Setyani, R. (2020). *Aktivitas Antibakteri Fraksi N-Heksan, Etil Asetat dan Air Ekstrak Etanol Daun Parijoto (Medinilla Speciosa Blume) Terhadap Propionibacterium Acnes dan Staphylococcus Epidermidis*.

Sugiyono. (2013). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.

Sultana, S., Hossain, M. L., Sostaric, T., Lim, L. Y., Foster, K. J., & Locher, C. (2024). Investigating Flavonoids by HPTLC Analysis Using Aluminium Chloride as Derivatization Reagent. *Molecules*, *29*(21), 5161. https://doi.org/10.3390/molecules29215161

Sumantining, L. P. A., Putra, G. P. G., & Suhendra, L. (2022). Pengaruh Jenis Pelarut dan Ukuran Partikel pada Ekstraksi Kulit Buah Kakao (Theobroma cacao L.) Menggunakan Metode Microwave Assisted Extraction (MAE) Terhadap Karakteristik Ekstrak. *Jurnal Rekayasa Dan Manajemen Agroindustri*, *10*(1), 124–135.

Sunelsya Surya, Delianis Pringgenies, Wilis Ari Setyati, & Muhammad Syaifudien Bahry. (2022). Investigation of Leaves of Xylocarpus granatum As A Larvicide Agent against *Aedes aegypti* and Its Associated Anti-Bacterial Properties. *World Journal of Advanced Research and Reviews*, *15*(1), 635–640. https://doi.org/10.30574/wjarr.2022.15.1.0709

Supriatno, Rahmatan, H., Lelifajri, & Andesa, S. K. (2021). Effect of Drying and Composition Ratio of Herbal Tea Prepared from Clitoria ternatea L. and Ocimum sanctum L. on Its Antioxidant Capacity. *Journal of Physics: Conference Series*, *1940*(1), 012060. https://doi.org/10.1088/1742-6596/1940/1/012060

Suryani, A. E., Nisa, K., Indrianingsih, A. W., Handayani, S., Fitrotin, U., Rahayu, E., Wulandari, A. A., & Wijayati, N. (2024). Phytochemical Screening and Antibacterial Properties of Sungkai (Peronema canescens Jack.) Leaf Extract and Fraction. *IOP Conference Series: Earth and Environmental Science*, *1377*(1), 012060. https://doi.org/10.1088/1755-1315/1377/1/012060

Sutomo, Arnida, A., Yulistati, F., Normaidah, & Pratama, M. R. F. (2022). Pharmacognostic Study and Antioxidant Activity of Sungkai (Peronema canescens jack.) Methanol Extract from Indonesia. *Bulletin of Pharmaceutical Sciences. Assiut*, *45*(2), 655–665. https://doi.org/10.21608/bfsa.2022.271585

Sutriyawan, A., Kurniati, N., Novianti, N., Farida, U., Yusanti, L., Destriani, S. N., & Saputra, M. K. F. (2024). Analysis of Temperature, Humidity, Rainfall,

and Wind Velocity on Dengue Hemorrhagic Fever in Bandung Municipality. *Russian Journal of Infection and Immunity*, *14*(1), 155–162. https://doi.org/10.15789/2220-7619-AOT-2110

Taslisia, T., Rusdji, S. R., & Hasmiwati, H. (2018). Survei Entomologi, Maya Indeks, dan Status Kerentanan Larva Nyamuk *Aedes aegypti* Terhadap Temephos. *Jurnal Kesehatan Andalas*, *7*(1), 33. https://doi.org/10.25077/jka.v7.i1.p33-41.2018

Tjitrosoepomo, G. (2020). *Morfologi Tumbuhan*. Gajah Mada University Press.

To'bungan, N., Widhiastuti, S. S., Hida, F. N. L., & Mahardhika, I. W. S. (2024). Phytochemical Properties, Antioxidant, and Cytotoxicity Activity of Knobweed (Hyptis capitata) from South Sulawesi, Indonesia. *Journal of Tropical Biodiversity and Biotechnology*, *9*(3), 90976. https://doi.org/10.22146/jtbb.90976

Trisnawati, A., Wahyuningsih, S., & Yahya, F. (2023). The Determination of Tannin Content and Larvicidal Activity Test Of Ripe Sapodilla Fruit Peel (Manilkara zapota). *International Journal of Multidisciplinary Sciences and Arts*, *1*(2), 152–158. https://doi.org/10.47709/ijmdsa.v1i2.2062

Ukpebor, J., Sama, J., Oseneboh, A., Osawe, N., & Ukpebor, E. (2014). Environmental Fate of Temephos: Photodegradation Versus Hydrolysis. *Ilorin Journal of Science*, *1*(1). https://doi.org/10.54908/iljs.2014.01.01.018

Utami, A. W., & Porusia, M. (2023). Kajian Literatur Pengaruh Insektisida Nabati dan Insektisida Sintetik Terhadap Kematian Larva Nyamuk *Aedes aegypti*. *Jurnal Kesehatan Masyarakat*, *11*(2), 168–189. https://doi.org/10.14710/jkm.v11i2.37721

Vifta, R. L., Nurlaila, D., & Yanti, S. (2022). Alginate-Based Nanoencapsulation on Ultrasonic-Assisted Extraction of Parijoto Fruit (Medinilla Speciosa Blume) and Its Antioxidant Activity. *Walisongo Journal of Chemistry*, *5*(2), 145–152. https://doi.org/10.21580/wjc.v5i2.12509

Vifta, R. L., Saputra, Y., & Hakim, A. L. (2022). Analisis Flavonoid Total Ekstrak Buah Parijoto (Medinilla speciosa) Asal Bandungan dan Formulasinya dalam Sedian Gel. *Journal of Experimental and Clinical Pharmacy (JECP)*, *2*(1), 21. https://doi.org/10.52365/jecp.v2i1.342

Vilya, S., Rika, A., Nissa, M., Munawarohthus, S., Windri, H., & Yasman, Y. (2025). Quantification of Total Flavonoid Content in Fractionated Young Leaf Extracts of Red Shoot Leaves (Syzygium myrtifolium) Using UV-Vis Spectrophotometry. *Pharmacoscript*, *8*(1), 151–167. https://doi.org/10.36423/pharmacoscript.v8i1.2075

Wahyudi, R., Harfina, H., & Abror, Y. K. (2021). *The Effect of Corn Silk Extract (Zea mays) As Biolarvicides of Aedes aegypti Mosquito Larvae in Efforts to Control Spread of Dengue Hemorrhagic Fever*.

Wahyuni, D., Waluyo, J., Putri, R. M., & Zahroh, U. A. (2023). Toxicity of Chinaberry Leaf Purified Extract (Melia azedarach L.) and Creekpremna Leaf (Premna serratifolia L.) to *Aedes aegypti* L Larval Mortality. *International Journal of Medical and All Body Health Research*.

Wang, G., Zeng, F., Song, P., Sun, B., Wang, Q., & Wang, J. (2022). Effects of Reduced Chlorophyll Content on Photosystem Functions and Photosynthetic Electron Transport Rate in Rice Leaves. *Journal of Plant Physiology*, *272*, 153669. https://doi.org/10.1016/j.jplph.2022.153669

Wati, C., Arsi, Dibisono, M. Y., Syafaruddin, A. T., Ruzanna, A., Rahmiyah, M., Karenina, L. T., Hasibuan, H. S., Lestari, M. P. S. W., Asmoro, P. P., Awaluddin, A., & Rochmah, H. F. (2024). *Biopestisida Pengendali Organisme Pengganggu Tanaman Ramah Lingkungan* (A. Karim, Ed.). Yayasan Kita Menulis.

Wati, F. K., & Hasnah, S. H. (2022). The Effect of Drying Method on Potential Antioxidants in Ethanol Extract of Sungkai Leaf (Parenoma Canescens Jack.) Simplicia from Kalimantan. *Jurnal Sains Dan Terapan Kimia*, *16*(1), 1. https://doi.org/10.20527/jstk.v16i1.11712

Wijaya, D. R., Paramitha, M., & Putri, N. P. (2019). Ekstraksi Oleoresin Jahe Gajah (Zingiber officinale var. officinarum) dengan Metode Sokletasi. *Jurnal Konversi*, *8*(1), 8.

Wijaya, H. M., & Nisyak, M. (2020). Efektivitas Ekstrak Daun Parijoto (Medinilla Speciosa Blume) sebagai Penumbuh Rambut Pada Hewan Uji Kelinci Jantan. *Jurnal Farmasi & Sains Indonesia*, *3*(2), 22–27. https://journal.stifera.ac.id/index.php/jfsi/article/view/51

Winanta, A., Hanik, L. S., & Febriansah, R. (2021). Antioxidant Activity and Cytotoxic Potential of Parijoto (Medinilla speciosa (Reinw ex BL)) Fruit Fractions on HeLa Cell Line. *Indonesian Journal of Cancer Chemoprevention*, *12*(2), 74. https://doi.org/10.14499/indonesianjcanchemoprev12iss2pp74-82

*World Health Organization* (WHO). (2005). *Guidelines for Laboratory and Field Testing of Mosquito Larvicides*.

Wulandari, N. Y. R. (2021). *Isolasi dan Uji Aktivitas Antioksidan Senyawa Metabolit Sekunder Ekstrak Metanol Buah Parijoto (Medinilla Speciosa Blume) Menggunakan Metode Diphenylpicrylhydrazyl (DPPH)* [Skripsi]. Universitas Islam Sultan Agung (UNISSULLA).

Yearsi, S. E. N., & Munawaroh, S. D. (2021). Effectiveness of Garlic Extract (Allium sativum L) as Larvicide of *Aedes aegypti*. *Insights in Public Health Journal*, *2*(1). https://doi.org/10.20884/1.iphj.2021.2.1.4897

Younis, M. I., Xiaofeng, R., Hesarinejad, M. A., & Abedelmaksoud, T. G. (2025). Sophora japonica Nanoemulsion: Ultrasound-Assisted Extraction and Characterization. *Food Science & Nutrition*, *13*(2). https://doi.org/10.1002/fsn3.70021

Yuliasih, Y., & Widawati, M. (2017). Aktivitas Larvasida Berbagai Pelarut Pada Ekstrak Biji Kayu Besi Pantai (Pongamia pinnata) Terhadap Mortalitas Larva Aedes spp. *BALABA: Jurnal Litbang Pengendalian Penyakit Bersumber Binatang Banjarnegara*, *13*(2). https://doi.org/10.22435/blb.v13i2.5807.125-132

Yuniarti, K., Setiadi, A., Basri, E., Fahriansyah, & Saefudin. (2024). Microwave Drying vs Hot-Steam-Air Drying of Seedless Noni Fruit: Drying Performance and Post-Drying Quality. *IOP Conference Series: Earth and Environmental Science*, *1309*(1), 012004. https://doi.org/10.1088/1755-1315/1309/1/012004

Zengin, R., Uğur, Y., Erdoğan, S., Yavuz, Ç., Hatterman-Valenti, H., & Kaya, O. (2025). Phytochemical and Antioxidant Variability in Some Black Mulberry, Chokeberry, and Elderberry Cultivars in Relation to Cultivar, Plant Part, and Extraction Solvent. *Horticulturae*, *11*(5), 455. https://doi.org/10.3390/horticulturae11050455

Zulfa, R., Lo, W.-C., Cheng, P.-C., Martini, M., & Chuang, T.-W. (2022). Updating the Insecticide Resistance Status of *Aedes aegypti* and Aedes albopictus in Asia: A Systematic Review and Meta-Analysis. *Tropical Medicine and Infectious Disease*, *7*(10), 306. https://doi.org/10.3390/tropicalmed7100306