

DAFTAR PUSTAKA

- Afroz Shoily, M. S., Islam, M. E., Rasel, N. M., et al. 2025. Unveiling The Biological Activities Of *Heliotropium Indicum* L. Plant Extracts: Anti-Inflammatory Activities, GC–MS Analysis, And In Silico Molecular Docking. *Scientific Reports*.
- Agarwal, H., & Shanmugam, V.K. 2019. Anti-inflammatory activity screening of *Kalanchoe pinnata* methanol extract and its validation using a computational simulation approach. *Informatics in Medicine Unlocked*. 14: 6-14. DOI: <https://doi.org/10.1016/j.imu.2019.01.002>
- Ahmed, S., Khan, M. I., & Anwar, F. 2022. In Vitro Anti-Inflammatory Evaluation Of Medicinal Plant Extracts Using Protein Denaturation And Membrane Stabilization Assays. *Journal of Ethnopharmacology*. 295. 115402.
- Amaliah, R., Pusmarani, J., & Nasir, N.H. 2024. Skrining Fitokimia dan Uji Aktivitas Antioksidan Fraksi Air, Etil Asetat dan nHeksan Kulit Batang Kayu Jawa (*Lannea grandis* (Dennst.) Engl) dengan Metode FRAP (*Ferric Reducing Antioxidant Power*). *Jurnal Pharmacia Mandala Waluya*. 3(6). <https://doi.org/10.54883/jpmw.v3i6.172>
- Anwar, I., Parawansah., Yamin., Malina, R., & Fitri, A. 2024. Penentuan Kadar Fenolik, Flavonoid dan Uji Aktivitas Antiinflamasi Daun Kelor (*Moringa oleifera*) Terhadap Penghambatan Denaturasi Protein. *Lansau : Jurnal Ilmu Kefarmasian*. 2 (2). 110-123. DOI: 10.33772/lansau.v2i2.29
- Bawika, S.P., & Nurkhasanah. 2022. Penelusuran Fraksi Ekstrak Kayu Akar (*Arcangelisia flava* L.) Sebagai Antioksidan Beserta Penetapan kadar Fenolik Dan Flavonoid Total. *Jurnal Ilmu Farmasi (Journal of Pharmaceutical Science)*. 19(1).
- Chavda, V.P., Feehan, J., & Apostopoulos, V. 2024. Inflammation: The Cause of All Diseases. *Cells*. 13(22). <https://doi.org/10.3390/cells13221906>
- Daina A, Michielin O, Zoete V. 2017. SwissADME: a free web tool to evaluate pharmacokinetics, drug-likeness and medicinal chemistry friendliness of small molecules. *Scientific reports*. 7: 1-13
- Darmawati., Putri, S.K., Rizki, Z., & Yenni. 2024. Pengaruh Waktu Pemanasan Terhadap Protein Pada Susu. *Journal of Medical Laboratory Technology*. 1 (2).
- Derbel, H., Elleuch, J., Mahfoudh, W., Michaud, P., Fendri, I., & Abdelkafi, S. 2023. In Vitro Antioxidant And Anti-Inflammatory Activities Of Bioactive Compounds From Natural Sources. *Applied Sciences*. 13(5).
- Deshpande, S., Rath, A., Mathane, V., Dabade, S., Agarwal, A., & Taye, A. 2025. Investigating the Anti-Inflammatory Effects of Natural Extracts Using Protein

- Denaturation Assay and Heat Induced Hemolysis Assay. *International Journal of Pharmaceutical Sciences*. 3(7).
- Dinareello, C. A. (2010). Anti-inflammatory agents: Present and future. *Cell*, 140(6), 935–950. <https://doi.org/10.1016/j.cell.2010.02.043>
- Diliarosta, S., Efendi, A., Dillasamola, D., Oktomalioputri, B., & Ramadhani, R. 2021. Reconstruction and scientific explanation of akar kuning (*Arcangelisia flava* merr.) from west sumatra as ethnomedicine and source of science learning. *Pharmacognosy Journal*. 13(1), 206-211. <https://doi.org/10.5530/pj.2021.13.29>
- Fitriana, M., Hajrin, W., Subaidah, W. A., Ridwan, S., & Pratiwi, E. T. 2024. Uji antiinflamasi ekstrak etanol Ashitaba (*Angelica keiskei*) secara in vitro. *Jurnal Biologi Tropis*, 24(2b), 239–247. <https://doi.org/10.29303/jbt.v24i2b.8105>
- Ma, Y., & Chen, F. Plant Protein Heat-Induced Gels: Formation Mechanisms and Regulatory Strategies. *Coatings*. 2023. 13(11) <https://doi.org/10.3390/coatings13111899>
- Madhuranga, H.D.T., & Samarakoon, D.N.A.W. 2023. In vitro Anti-Inflammatory Egg Albumin Denaturation Assay: An Enhanced Approach. *Journal Of Natural & Ayurvedic Medicine*. 7(3).
- Pangemanan, D. H. C. P., Mariati, N. W., & Rantetondok, A. L. (2024). Uji Aktivitas Anti-Inflamasi Ekstrak Sabut Kelapa (*Cocos nucifera* L.) dengan Metode Stabilisasi Membran Sel Darah Merah. *E-GiGi*, 13(1). 99–104.
- Placha, D., & Jampilek, J. 2021. Chronic Inflammatory Diseases, Anti-Inflammatory Agents and Their Delivery Nanosystems. *Pharmaceutics*. 13(1). DOI: [10.3390/pharmaceutics13010064](https://doi.org/10.3390/pharmaceutics13010064)
- Prasetyo, M. S., Akbar, A., & Istiqlaliyah, H. 2020. Analisa Heat Transfer Alat Pasteurisasi Susu. *Jurnal Mesin Nusantara*. 3(1), 1–8. <https://doi.org/10.29407/jmn.v3i1.14217>
- Rahayu, R., Efendi, R., Santoso, P. 2024. Evaluation of Anti-inflammatory Effects of Extract Maggot Black Soldier Fly (*Hermetia illucens* L.) in vitro study. *Jurnal Biologi Tropis*. 24(2b). DOI: <http://doi.org/10.29303/jbt.v24i2b.8100>
- Samaraweera, T., Samaraweera, T., Senadeera, N. N., & Ranaweera, C. B. (2023). In vitro anti-inflammatory activity of leaves of *Jeffreyia zeylanica* using egg albumin denaturation and HRBC methods. *Asian Plant Research Journal*. 11(6). 56–64.
- Sari, A, K., Riza, A., Siska, M., Prasdianto., Renny. 2018. Penetapan Kadar Fenolik Dan Flavonoid Total Ekstrak Metanol Kayu Kuning (*Arcangelisia flava* Merr) Dengan Metode Spektrofotometri Visible. *Jurnal Insan Farmasi Indonesia*. Akademik Farmasi ISFI Banjarmasin. 1(2).

- Sari, K.W., Raising, R. & Ayuwardhani, N., 2023. Uji Efektivitas Antiinflamasi Kombinasi Ekstrak Herba Seledri (*Apium graveolens* L.) dan Daun Binahong (*Anredera cordifolia* (Ten.) Steenis) pada Tikus Putih. *Jurnal Ilmu Kedokteran dan Kesehatan Indonesia*. 3(2): 126–140.
- Shalihah, A., Christianty, F.M., & Fajrin, F.A. 2021. Anti inflammatory Activity of the Ethanol Extract of Cinnamon (*Cinnamomum burmannii*) Bark using Membrane Stabilization Method and Protein Denaturation. *Indonesian Journal of Pharmaceutical Science and Technology*. 1 (1).
- Shilva, F., Daulay, A.S., Ridwanto., & Rahayu, Y.P. 2025. Uji aktivitas antioksidan dan toksisitas dari ekstrak kayu kuning (*Arcangelisia flava* (L.Merr). *Journal of Pharmaceutical and Sciences*. 8(1). <https://doi.org/10.36490/journal-jps.com>
- Tavita, G. E., Lestari, D., Linda, R., Apindiati, R. K., & Rafdinal, R. 2022. Phytochemical Testing and In Vitro Anti-inflammatory Activity on Ethanol Extract of Akar Kuning (*Arcangelisia flava* L.) Stems from West Kalimantan. *Jurnal Biologi Tropis*. 22(4), 1334–1339.
- Trinovitasari, N., Anwar, I., Yamin., Sabarudin., Malina, R., Jannah, N. R. N., & Paramita, S.A. 2025. Aktivitas Antiinflamasi Ekstrak Buah Libo (*Ficus septica* Burm. F) Serta Korelasinya Dengan Total Flavonoid. *BioWallacea*. 12(1): 55-68. ISSN: 2355-6404.
- Waruwu, I.S., Rawar, E.A., & Kristiyani, A. 2023. Penetapan Kadar Flavonoid Total Dan Fenolik Total Serta Uji Penghambatan Denaturasi Protein Dalam Seduhan Teh Bunga Telang (*Clitoria ternatea* L.). *Majalah Farmasi dan Farmakologi*. 27 (2) : 47-51. DOI: 10.20956/mff.v27i2.26250.
- Yesmin, S., Paul, A., Naz, T., Rahman, A.B.M., Akhter, S.F., Wahed, M.I., et al. 2020. Membrane stabilization as a mechanism of the anti-inflammatory activity of ethanolic root extract of Choi (*Piper chaba*). *Clinical Phytosciences*. 6(59). DOI: <https://doi.org/10.1186/s40816-020-00207-7>
- yuliana, R., Daulay, A.S., Ridwanto., & Rahman, F. 2023. Determination Of Total Alkaloid Content Of Yellow Wood (*Arcangelisia flava* (L.) Merr) Extract Based On Differences In Ethanol Concentration Using Uv-Vis Spectrophotometry Method. *Indonesian Journal Of Science And Pharmacy*. 1(2).
- Yuza, M., Ridwanto, R., & Rani, Z., 2023. Total Flavonoid Content of Yellow Wood Extract (*Arcangelisia flava* (L.) Merr) and Antibacterial Activity Against *Staphylococcus aureus*. *Journal of Agromedicine and Medical Sciences*. 9(3): 140-145