

DAFTAR PUSTAKA

- Ahmad, M. F., 2018. *Ganoderma lucidum*: Persuasive Biologically Active Constituents and Their Health Endorsment. *Biomedicine & Pharmacotheraphy*, 107, pp. 507-519.
- Akram, M., Asghar, M. N., Khan, M. S., Shahid, S., Rahman, H. M. A., & Nadeem, I., 2020. Development and Validation of an Economical Uric Acid-Fe³⁺/Fe²⁺-ferrozine-Based Colorimetric Assay to Estimate Uric Acid Level of Pure and Biological Samples. *Bioscience, Biotechnology, and Biochemistry*, 84(10), pp. 1967-1974.
- Al-Khayri, J.M., Sahana, G.R., Nagella, P., Joseph, B.V., Alessa, F.M. & Al-Mssallem, M.Q., 2022. Flavonoids as Potential Anti-Inflammatory Molecules: A review. *Molecules*, 27(9), pp.1-24
- Amirah, S., Wati, A., Putra, B. & Walani, F. A., 2020. Aktivitas Ekstrak Daun Salam (*Syzygium polyanthum*) sebagai Antirheumatoid Arthritis pada Tikus yang Diinduksi *Complete Freund's Adjuvants* (CFA). *Jurnal Farmasi Galenika*, 6(1), pp. 77-83.
- Andriyono, R. I., 2019. *Kaempferia galanga* L. sebagai Anti-Inflamasi dan Analgetik. *Jurnal Kesehatan*, 10(3), pp. 495-502.
- Arfah, A. I., Rachman, M. E., Nazaruddin, A. M. A. & Fattah, N., 2021. Pemberian Ekstrak Kulit Mangga Arumanis (*Magnifera indica* L.) Berpengaruh Terhadap Kadar Asam Urat Pada Tikus Putih Jantan (*Rattus norvegicus*). *Wal'afiat Hospital Journal*, 2(2), pp. 119-129.
- Bansal, P. K. & Deshmukh, R., 2017. *Animal Models of Neurological Disorders*. Singapore: Springer.
- Barbieri, A. Quagliariello, V., Del Vecchio, V., Falco, M., Luciano, A., Amruthraj, N.J., Nasti, G., Ottaiano, A., Berretta, M., Iaffaioli, R.V. & Arra, C., 2017. Anticancer and Anti-Inflammatory Properties of *Ganoderma lucidum* Extract Effects on Melanoma and Triple-Negative Breast Cancer Treatment. *Nutrients*, 9(3), pp. 1-9.
- Benkeblia, N., 2015. *Ganoderma lucidum* Polysaccharides and Terpenoids: Profile and Health Benefits. *Journal of Food Nutrition and Dietetics*, 1(1), pp. 1-6.
- Bisoyi, S. K., Das, S., Pattnaik, D., Anmoldeep. & Srivastava, S., 2021. *Ganoderma lucidum*: As Calamitous and Salutory Mushroom. *Advance in Bioreserach*. 12(4), pp. 302-309.
- Bulam, S., Üstün, N. Ş. & Pekşen, A., 2019. Health Benefits of *Ganoderma lucidum* as a Medicinal Mushroom. *Turkish Journal of Agriculture - Food Science and Technology*, 7(1), pp. 84-93.
- Chen, H., Veena, R. K., Ramya, H., Janardhanan, K. K., & George, V., 2020. Gano Oil: A Novel Antinociceptive Agent Extracted from *Ganoderma lucidum* Inhibits Paw Oedema and Relieves Pain by Hypnotic and Analgesic Actions of Fatty Acid Amides. *Journal of Ethnopharmacology*, 263, pp. 113-144.

- Corwin, E. J., 2008. *Handbook of Pathophysiology 3th Edition*. Philadelphia: Lippincott Williams & Wilkin.
- Dabdoub, B. R., Mohammed, R. H., & Abdulhadi, H. L., 2020. *Ganoderma lucidum* Attenuates and Prevents CCl₄-Induced Hepatic and Renal Damage in Sprague-Dawley Rats. *Sys Rev Pharm*. 11(12), pp. 1704-1709.
- Dudhgaonkar, S., Thyagarajan, A. & Sliva, D., 2009. Suppression of the Inflammatory Response by Triterpenes Isolated From the Mushroom *Ganoderma lucidum*. *International Immunopharmacology*, 9(11), p. 1272–1280.
- Elkhateeb, W. A., Daba, G. M., Sheir, D., El-Dein, A. N., Fayad, W. & Wen, T. C., 2019. GC-MS Analysis and In-Vitro Hypocholesterolemic, Anti-rotavirus, Anti-human Colon Carcinoma Activities of the Crude Extract of a Japanese *Ganoderma spp*. *Egyptian Pharmaceutical Journa*, 18(2), pp. 102-110.
- Ervando, H., Putranda, M.A., Parinding, J.T. and Pratiwi, S.E., 2019. Efek Ekstrak Etanol Daun Kesum (*Polygonum minus* Huds.) terhadap Jumlah Neutrofil, Monosit, dan Limfosit Tikus Putih Jantan Galur Wistar yang Diinduksi Karagenin. *Cermin Dunia Kedokteran*, 46(6), pp. 423-426.
- Evita, E., Ratnaningtyas, N. I. & Ryandini, D., 2020. Aktivitas Antibakteri Ekstrak Tubuh Buah *Coprinus comatus* Terhadap *Escherichia coli* dan *Staphylococcus aureus*. *BioEksakta: Jurnal Ilmiah Biologi Unsoed*, 2(1), pp. 123-130.
- Gharib, M., Elhassaneen, Y. & Radwan, H., 2022. Nutrients and Nutraceuticals Content & In Vitro Biological Activities of Reishi Mushroom (*Ganoderma lucidum*) Fruiting Bodies. *Alexandria Science Exchange Journal*, 43(2), pp.301-316.
- Gultom, M. N. S., Queljoe, E. D. & Suoth, E. J., 2020. Activity Test to Decrease Uric Acid Levels of the Ethanol Extract of Bitter Melon (*Momordica charantia* L.) on White Male Rats (*Rattus novergicus*) Induced Caffeine. *Pharmacon*, 9(4), pp. 479-486.
- Haidari, F., Keshavarz, S. A., Shahi, M. M. & Rashidi, M. R., 2011. Effects of Parsley (*Petroselinum crispum*) and its Flavonol Constituents, Kaempferol and Quercetin, on Serum Uric Acid Levels, Biomarkers of Oxidative Stress and Liver Xanthine Oxidoreductase Aactivity in Oxonate-Induced Hyperuricemic Rats. *Iranian Journal of Pharmaceutical Research*, 10(4), pp. 811-819.
- Han, N. & Bakovic, M., 2015. Biologically Active Triterpenoids and Their Cardioprotective and Anti Inflammatory Effects. *Bioanalysis & Biomedicine*, 12(5), pp. 1-11.
- Handrianto, P. & Wardani, R. K., 2019. Pengaruh Lama Maserasi Ekstrak Etanol Jamur Lingzhi (*Ganoderma lucidum*) Terhadap Kadar Flavonoid Total. *Prosiding Seminar Nasional Teknologi dan Sains*, 1(1), pp. 409-413.
- Hennicke, F. Cheikh-Ali, Z., Liebisch, T., Maciá-Vicente, J.G., Bode, H.B. & Piepenbring, M., 2016. Distinguishing Commercially Grown *Ganoderma lucidum* from *Ganoderma lingzhi* from Europe and East Asia on the Basis of Morphology, Molecular Phylogeny, and Triterpenic Acid Profiles. *Phytochemistry*, Vol 127, pp. 29-37.

- Hou, W., Zhou, X., Zhuang, S., Zhang, Y., Li, S. & Liu, C., 2024. Rapid Screening and Isolation of Potential Xanthine Oxidase Inhibitors in *Ganoderma lucidum*. *Arabian Journal of Chemistry*, 17(9), pp. 1-12.
- Huang, C. H., Chen, T. Y. & Tsai, G. J., 2022. Hypouricemic Effect of Submerged Culture of *Ganoderma lucidum* in Potassium Oxonate-Induced Hyperuricemic Rats. *Metabolites*, 12(553), pp. 1-9.
- Hu, Z., Du, R., Xiu, L., Bian, Z., Ma, C., Sato, N., Hattori, M., Zhang, H., Liang, Y., Yu, S. & Wang, X., 2020. Protective Effect of Triterpenes of *Ganoderma lucidum* on Lipopolysaccharide-induced Inflammatory Responses and Acute Liver Injury. *Cytokine*, 127, pp. 154917.
- Kushiyaama, A., Okubo, H., Sakoda, H., Kikuchi, T., Fujishiro, M., & Nakatsu, Y., 2016. Role of Uric Acid Metabolism-Related Inflammation in the Pathogenesis of Metabolic Syndrome Components Such as Atherosclerosis and Nonalcoholic Steatohepatitis. *Mediators of Inflammation*, pp. 1-15.
- Kushiyaama, A., Okubo, H. & Sakoda, H., 2012. Xanthine Oxidoreductase is Involved in Macrophage Foam Cell Formation and Atherosclerosis Development. *Arteriosclerosis Thrombosis, and Vascular Biology*, 32(2), pp. 291-298.
- Latief, M., Flisesa, A. T., Sari, P. M. & Tarigan, I. L., 2021. Aktiivitas Antiinflamasi Ekstrak Etanol Daun Sungkai (*Perona canescens* Jack) pada Mencit Terinduksi Karagenan. *Jurnal Farmasi Sains dan Praktis*, 7(2), pp. 144-153.
- Lestari, T., Nusikho, Melati, N. & Muliawati, P., 2023. Review: Gambaran Penggunaan Obat Anti Inflamasi Non Steroid Natrium Diklofenak sebagai Pereda Nyeri pada Pasien Osteoarthritis. *Medimuh: Jurnal Kesehatan Muhammadiyah*, 4(1), pp. 59-68.
- Liu, C., Dunkin, D., Lai, J., Song, Y., Ceballos, C., Benkov, K. & Li, X. M., 2015. Anti-Inflammatory Effects of *Ganoderma lucidum* Triterpenoid in Human Crohn's Disease Associated with Downregulation of NF-Kb Signaling. *Inflammatory Bowel Diseases*, 21(8), pp.1918-1925.
- Lin, M.S., Yu, Z.R., Wang, B.J., Wang, C.C., Weng, Y.M. & Koo, M. 2015. Bioactive Constituent Characterization and Antioxidant Activity of *Ganoderma lucidum* Extract Fractionated by Supercritical Carbon Dioxide. *Sains Malaysiana*, 44(12), pp. 1685-1691.
- Lutfiyah, Nahzi, M. Y. I. & Raharja, S. D., 2016. Pengaruh Ekstrak Kulit Manggis (*Garcinia Mangostana* L.) Terhadap Jumlah Neutrofil pada Inflamasi Pulpa Studi in Vivo pada Tikus Wistar Jantan. *Dentino: Jurnal Kedokteran Gigi*, 1(2), pp. 96-101.
- Meng, M., Yao, J., Zhang, Y., Sun, H. & Liu, M., 2023. Potential Anti-Rheumatoid Arthritis Activities and Mechanisms of *Ganoderma lucidum* Polysaccharides. *Molecules*, 28(6), pp. 1-15.
- Milosavljevic, A. & Barnes, J., 2023. *Ganoderma lucidum*. *Journal of Primary Health Care*, 15(3), pp. 290-292.

- Miranda, R. d. S., Jesus, B. d. S. M. & Luiz, S. . R. d. S., 2021. Antiinflammatory Activity of Natural Triterpenes - An Overview From 2006 to 2021. *Phytotherapy Research*, 36(4), pp. 1459-1506.
- Nitiyoso, N., 2020. Pilihan Pengobatan Arthritis Rematoid. *Cermin Dunia Kedokteran*, 47(4), pp. 251-255.
- Nuraeni, F. & Sembiring, S. B. B., 2019. Aktivitas Antioksidan dan Identifikasi Senyawa Ekstrak Jamur Lingzhi (*Ganoderma lucidum*) dengan Liquid Chromatography-Mass Spectrometry (LC-MS). *Ekologia: Jurnal Ilmiah Ilmu Dasar dan Lingkungan Hidup*, 19(2), pp.65-72.
- Nurfitri, M. M., Queljoe, E. d. & Datu, O. S., 2021. Uji Efek Anelgetik Ekstrak Etanol Daun Kumis Kucing S (*Orthosiphon aristatus* (Blume) Miq.) terhadap Tikus Putih Jantan. *Pharmacon*, 10(4), pp. 1155-1161.
- Nuroini, F. & Faruq, Z. H., 2018. Hitung Leukosit pada Inflamasi Kaki Mencit (*Mus musculus*) Induksi Karagenan dengan Sarang Walet Putih (*Collocali fuciphaga*). *Biomedika*, 11(02), pp. 57-62.
- Nowakowski, P., Naliwajko, S.K., Markiewicz-Żukowska, R., Borawska, M.H. & Socha, K., 2020. The two faces of *Coprinus comatus*—Functional Properties and Potential Hazards. *Phytotherapy Research*, 34(11), pp.2932-2944.
- Orole, O. O., 2016. GC-MS Evaluation, Phytochemical and Antinutritional Screening of *Ganoderma lucidum*. *Journal of Advances in Biology & Biotechnology*, 5(4), pp. 1-10.
- Paloschi, M. V., Lopes, J. A. & Boeno, C. N., 2020. Cytosolic Phospholipase A2- α Participates in Lipid Body Formation and PGE2 Release Human Neutrophils Stimulated with an L-Amino Acid Oxidase from *Calloselasma Rhodostoma* Venom. *Scientific Reports*, 10(1), pp. 1-15.
- Rahmawati, G., Rachmawati, F. N. & Winarsi, H., 2014. Aktivitas Superoksida Dismutase Tikus Diabetes yang Diberi Ekstrak Batang Kapulaga dan Glibenklamid.. *Scripta Biologica*, 1(3), pp. 197-201.
- Rahmawati, S. I., 2015. Jamur Sebagai Obat. *Jurnal Agroindustri Halal*, 1(1), pp. 14-24.
- Rasjidi, I. & Susanto, C., 2015. *Ganoderma lucidum* Polysaccharide Peptide (GLPP) for the Cancer Treatment. *Indonesian Journal of Clinical Pharmacy*, 4(2), pp. 120-128.
- Ryu, D. H. Cho, J.Y., Sadiq, N.B., Kim, J.C., Lee, B., Hamayun, M., Lee, T.S., Kim, H.S., Park, S.H., Nho, C.W. & Kim, H.Y., 2021. Optimization of Antioxidant, Anti-diabetic, and Anti-inflammatory Activities and Ganoderic Acid Content of Differentially Dried *Ganoderma lucidum* Using Response Surface Methodology. *Food Chemistry*, Vol 335, pp. 1-8.
- Sabila, F. I. & Tukiran, 2021. Review: Potensi Secang (*Caesalpinia sappan* L.) dalam Terapi Arthritis Reumatoid. *UNESA Journal of Chemistry*, 10(3), pp. 231-245.

- Sułkowska-Ziaja, K. Balik, M., Szczepkowski, A., Trepa, M., Zengin, G., Kała, K. & Muszyńska, B., 2023. A Review of Chemical Composition and Bioactivity Studies of the Most Promising Species of *Ganoderma spp.*. *Diversity*, 15(8), pp. 1-27.
- Surahmida, Sudarwati, T. P. L. & Junairiah, 2018. Analisis GCMS terhadap Senyawa Fitokimia Ekstak Metanol *Ganoderma lucidum*. *Jurnal Kimia Riset*, 3(2), pp. 147-155.
- Susanto, J. P., Mustika, S. & Pratomo, B., 2020. Arthritis pada Infeksi Hepatitis C Kronis: Rheumatoid Like Arthritis atau True Rheumatoid Arthritis?. *Jurnal Penyakit Dalam Indonesia*, 7(1), pp. 40-44.
- Ullah, Z., Ibrallullah, Shad, A. A. & Ozturk, M., 2022. Determination of Fatty Acids Profile, Antioxidant, and Anticholinesterase Activities of *Ganoderma lucidum* Collected from Swat, Pakistan. *Pakistan Records Agric Food Chem*, 2(1), pp. 41-49.
- Voon, F.L. 2017. Cardamonin (2',4'-dihydroxy-6'-methoxychalcone) Isolated from *Boesenbergia rotunda* (L.) Mansf. Inhibits CFA-induced Rheumatoid Arthritis in Rats. *European Journal of Pharmacology*, Vol 794, pp. 127-134.
- Wasser, S. P., 2010. *Encyclopedia of Dietary Supplements*. New York: Informa Healthcare.
- Widhiastuti, E., Ni'ma, N. S., Widyarini, S. & Fakhrudin, N., 2021. Comparison of the Subchronic Anti-Inflammatory Activity of the Ethanol and Ethyl Acetate Extracts of Breadfruit Leaves (*Artocarpus altilis*) on CFA-Induced Mice. *Indonesian Journal of Chemical Science*, 10(1), pp. 35-40.
- Wu, Y. L., Han, F., Luan, S.S., Ai, R., Zhang, P., Li, H. & Chen, L.X., 2019. Triterpenoids from *Ganoderma lucidum* and Their Potential Anti-inflammatory Effects. *Journal of Agricultural and Food Chemistry*, 67(18), pp. 5147-5158.
- Zhang, N., Chen, H., Zhang, Y., Xing, L., Li, S., Wang, X. & Sun, Z. 2015. Chemical Composition and Antioxidant Properties of Five Edible Hymenomycetes Mushrooms. *International Journal of Food Science and Technology*, 50, pp.465-471.