

DAFTAR PUSTAKA

- Abubakar, A. R., & Haque, M. (2020). Preparation of medicinal plants: Basic extraction and fractionation procedures for experimental purposes. *Journal of Pharmacy and Bioallied Sciences*, 12(1), 1-10.
- Afriyeni, H., Rizal, R., Armenia, A., Esfika, M., & Dillasamola, D. (2023). Uji Efektifitas Ekstrak Etanol Daun Arbei (*Rubus rosifolius* Sm.) Terhadap Kadar Glukosa Darah pada Mencit Diabetes. *JSFK (Jurnal Sains Farmasi & Klinis)*, 10(2), 248-255.
- Anugerah, P., & Rahman, S. (2023). The Effect Of Binahong (*Anredera Cordifolia* (Ten.) Steenis) Leaf Ethanolic Extract On The Reduction Of Blood Uric Acid Levels in hyperuricemic Male White Wistar Rats (*Rattus Norvegicus*). *Folia Medica Indonesiana* (2355-8393), 59(1).
- Aprilianti, R. G. (2023). Uji Efektivitas Antihiperurisemia Kombinasi Infusa Daun Salam dan Daun Kemangi pada Mencit Putih Jantan (*Mus Muscullus*) yang Diinduksi Potassium Oksonat. *Jurnal Farmasi Sains dan Terapan (Journal of Pharmacy Science and Practice)*, 10(2), 115-122.
- Aronson JK. (2007). Cencentration-Effect And Dose-Resepsonse Relation In Clinical Pharmacology. *British Journal Of Clinical Pharmacology*, 63(3); 255-257.
- Baker, J. F., & Baker, D. G. (2024). H. Ralph Schumacher. *Rheumatic Disease Clinics*, 50(1), 103-111.
- Butler, F., Alghubayshi, A., & Roman, Y. (2021). The epidemiology and genetics of hyperuricemia and gout across major racial groups: a literature review and population genetics secondary database analysis. *Journal of personalized medicine*, 11(3), 231.
- Badan Pengawas Obat dan Makanan . (2023). Pedoman Penyiapan Bahan Baku Obat Bahan Alam Berbasis Ekstrak/Fraksi. *Jakarta: Badan Pengawas Obat dan Makanan Republik Indonesia*.
- Campbell, T. F., McKenzie, J., Murray, J., Delgoda, R., & Bowen-Forbes, C. S. (2017). *Rubus rosifolius* varieties as antioxidant and potential chemopreventive agents. *Journal of functional foods*, 37, 49-57.
- Chen, H., Xiao, H., & Pang, J. (2020). Parameter optimization and potential bioactivity evaluation of a betulin extract from white birch bark. *Plants*, 9(3), 392.
- Chen, J., He, Z., Yu, S., Cai, X., Zhu, D., & Lin, Y. (2023). Xanthine oxidase inhibitory kinetics and mechanism of ellagic acid: In vitro, in silico and in vivo studies. *IET nanobiotechnology*, 17(4), 368-375.

- Chen, L., Zhu, Y., Huang, Y., Shen, K., & Chen, L. (2024). The association between *Helicobacter pylori* infection and the risk for gout in hyperuricemia patients in China—A cross-sectional study. *Gut Pathogens*, 16(1), 24.
- Dalbeth N, Gosling AL, Gaffo A, & Abhishek A. (2021). Gout . *The Lancet*, 397 (10287):1843–55.
- Desmiaty, Y., Elya, B., Saputri, F. C., Hanafi, M., & Prastiwi, R. (2018). Antioxidant activity of *Rubus fraxinifolius* Poir. and *Rubus rosifolius* J. Sm. leaves. *Journal of Young Pharmacists*, 10(2s), S93.
- Desmiaty, Y., Mulatsari, E., Saputri, F. C., Hanafi, M., Prastiwi, R., & Elya, B. (2020). Inhibition of pancreatic elastase in silico and in vitro by *Rubus rosifolius* leaves extract and its constituents. *Journal of Pharmacy and Bioallied Sciences*, 12(3), 317-323.
- Egea, G., Jiménez-Altayó, F., & Campuzano, V. (2020). Reactive oxygen species and oxidative stress in the pathogenesis and progression of genetic diseases of the connective tissue. *Antioxidants*, 9(10), 1013.
- Emilia, I., Setiawan, A. A., Novianti, D., Mutiara, D., & Rangga, R. (2023). Skrining fitokimia ekstrak daun sungkai (*Peronema canescens* Jack.) secara infundasi dan maserasi. *Indobiosains*, 95-102.
- De Quadros, A. P. O., Oshiiwa, B., Petreanu, M., Niero, R., Rosa, P. C. P., Sawaya, A. C. H. F., & Maistro, E. L. (2023). *Rubus rosifolius* (Rosaceae) stem extract induces cell injury and apoptosis in human hepatoma cell line. *Toxicology in Vitro*, 86, 105485.
- Departemen kesehatan RI. (2017). *Farmakope Herbal Indonesia, Edisi II*. Jakarta: Kementrian Kesehatan RI
- Departemen kesehatan RI. (2020). *Farmakope Indonesia, Edisi IV*. Jakarta: Kementrian Kesehatan RI
- DiPiro, & Joseph T. PharmD F. (2020). *Pharmacotherapy Handbook* 11Th Ed. United State: Mc Graw-Hill.
- Fenando, A., Manjeera R., Rahul, G., & Jason, W. (2024). Gout. In: StatPearls. Treasure Island (FL): StatPearls Publishing.
- Geronikolou, S., Chrousos, G. P., Spandidos, D. A., & Diamantopoulos, A. (2023). Diet and metabolism are back: The oldest known Islamic medical manuscript bridges the gap from ancient to modern gout management. *Medicine International*, 3(5), 1-4.

- Global Invasive Species Database. 2021. Species Profile *Mus musculus*. Diakses 21 Januari 2024.
- Haerani, A., Chaerunisa, A. Y., & Subarnas, A. (2018). Artikel Tinjauan: Antioksidan Untuk Kulit. *Farmaka*, 16(2), 135-151.
- Handoyo, D. L. Y. (2020). The Influence of Maseration Time (Immeration) on the Vocity of Birthleaf Extract (Piper Betle). *J Farmasi Tinctura*, 2(1), 34-41.
- Harbone, J. 1987. Metode Fitokimia: *Penuntun Cara Modern Menganalisis* Edisi II. Bandung: ITB.
- Haryati, N.A., C.S. Erwin. 2015. Uji Toksisitas dan Aktivitas Antibakteri Ekstrak Daun Merah (*Syzygium mytifolium* Walp) terhadap Bakteri *Staphylococcus aureus* dan *Escherichia coli*. *J. Kimia Mulawarman*, 13(1): 35-39.
- Hwang, I.C. & Ahn, H.Y. (2024). Hyperuricemia and STOP-BANG scores in the general population: A cross-sectional study. *International Journal of Rheumatic Diseases*, 27(2).
- Kaneko, K., Takayanagi, F., Fukuuchi, T., Yamaoka, N., Yasuda, M., Mawatari, K. I., & Fujimori, S. (2020). Determination of total purine and purine base content of 80 food products to aid nutritional therapy for gout and hyperuricemia. *Nucleosides, Nucleotides & Nucleic Acids*, 39(10-12), 1449-1457.
- Katzung, B. G., Masters S.B, & Trevor A.J (2012). *Basic & Clinical Pharmacology* 12th Edition. New York: McGraw-Hill.
- Khairani, D., Syarifudin, I., & Yurnadi. H. M. (2024). Prinsip dan praktik hewan percobaan mencit (*Mus musculus*). Sumatera Utara University Press.
- Kissinger, Huldani, H., & Nasrulloh, A. V. (2024). Improving Simplicia of Kerangas Forest by Minimizing Microbial Content Under Ultraviolet Radiation Treatment. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*, 94(1), 101-106.
- Kumar, V., Abbas, A. K., & Aster, J. C. (Eds.). (2017). *Robbins Basic Pathology: Robbins Basic Pathology E-Book*. Elsevier Health Sciences.
- Kurnianto, E., Rahman, I. R., & Hairunnisa, H. (2021). Skrining Fitokimia Ekstrak Etanol Daun Matoa Yang Berasal Dari Pontianak Timur dengan Variasi Konsentrasi Pelarut. *Jurnal Komunitas Farmasi Nasional*, 1(2), 131-138.
- Li, Q., Li, X., Wang, J., Liu, H., Kwong, J.S.W., Chen, H., Li, L., Chung, S.C., Shah, A., Chen, Y. & An, Z. (2019) . Diagnosis and treatment for hyperuricemia and gout: a systematic review of clinical practice guidelines and consensus statements.

- Lin, P., Chen, Z., & Lin, J. (2023). Obat terapi asam urat: Kemajuan dalam pemilihan target. *Jurnal Internasional Penyakit Rematik*.
- Manopo, C. M., Bodhi, W., & Suoth, E. J. (2020). Uji Aktivitas Antihiperurisemia Kombinasi Ekstrak Etanol Daun Salam (*Syzygium polyanthum* (Wight.) Walp) dan Tumbuhan Suruhan (*Peperomia pellucida* (L.) Kunth) Pada Tikus Putih Jantan (*Rattus Norvegicus*). *PHARMACON*, 9(4), 581-588.
- Marliana, S.D., & Saleh, C. (2011). Uji Fitokimia dan Aktivitas Antibakteri Ekstrak Kasar Etanol, Fraksi nHeksana, Etil asetat, dan Metanol dari Buah Labu Air (*Lagenaria Siceraria* (Morliana). *J. Kimia Mulawarman*, 8(2): 39-63.
- Muhlisoh, M., Hasaini, A. H., & Sukmawaty, M. N. (2023). How Much BMI and Physical Activity Level Induce Elevated Uric Acid?. *Indonesian Journal of Global Health Research*, 5(2), 231-238.
- Musdalipah, M., Mahatya, Y. A. W., Karmilah, K., Austin, T. S., Reymon, R., Saadah, D. N., & Agustini, A. (2022). Toksisitas akut dan lethal dose (LD50) ekstrak buah walay (*Meistera chinensis*) asal Sulawesi Tenggara terhadap mencit (*Mus musculus*). *Pharmacoscrypt*, 5(2), 186-200.
- Mutiarahmi, C. N., Hartady, T., & Lesmana, R. (2021). Kajian Pustaka: Penggunaan Mencit sebagai hewan coba di laboratorium yang mengacu pada prinsip kesejahteraan hewan. *Jurnal Indonesia Medicus Veterinus*, 10(1), 134-145.
- Nababan, T., Silitonga, A. H., & Tamba, M. I. (2020). Penyuluhan Pemanfaatan Jahe Merah untuk Nyeri pada Gout Arthritis di Posyandu Lansia Puskesmas Helvetia Medan. *Mitra Keperawatan dan Kebidanan Prima*, 2(1).
- Nirmala, F., Zumaroh, K., Donatomo, N. A., & Ngibad, K. (2019). Kombinasi Rebusan Daun Salam dan Kemangi dalam Menurunkan Kadar Asam Urat *Mus musculus*: Combination Of Bay And Basil Leaves To Decrease The *Mus Musculus* Uric Acid Levels. *Borneo Journal of Medical Laboratory Technology*, 2(1), 109-115.
- Nuari, D. A., Renggana, H., Yuniar, C. T., Novitasari, M., & Lulu, A. (2021). Aktivitas Antihiperurisemia Ekstrak Etanol Daun Afrika (*Vernonia amygdalina* Delile.) pada Mencit Putih Galur Swiss Webster yang Diinduksi Melinjo dan Hati Ayam. *Pharmaccon: Jurnal Farmasi Indonesia*, 18(1), 89-96.
- Nurcahyani, E., Herliani, N., & Kanedi, M. (2022). Antihyperuricemia Activity of Vanilla (*Vanilla planifolia* Andrews) Fruits Ethanol Extract to Male Mice (*Mus musculus* L.). *Biomedical and Pharmacology Journal*, 15(3), 1583-1588.
- Nurcholis, P. W., Mahendra, F. R., Gultom, M. F., Khoirunnisa, S., Kurnia, M. A. C., & Harahap, H. H. (2022). Skrining Fitokimia, Antioksidan, dan Antibakteri Ekstrak Daun *Orthosiphon stamineus* Dua Fenotipe.

- Nutmakul T. A. (2022). Review on benefits of quercetin in hyperuricemia and gouty arthritis. *Saudi Pharm J*, 30(7):918-926.
- Pasaribu, F., Sitorus, P., & Bahri, S. (2012). Uji ekstrak etanol kulit buah manggis (*Garcinia mangostana* L.) terhadap penurunan kadar glukosa darah. *Journal of Pharmaceutics and Pharmacology*, 1(1), 1-8.
- Pittarello JD, Petreanu M, Cechinel Filho V, Rodrigues CA, Klein Júnior LC, & Niero R. (2019). Optimasi Ekstraksi 5,7-Dihydroxy-6,8,4'-trimethoxyflavonol, Flavonoid Bioaktif dari Daun *Rubus rosifolius* (Rosaceae). *Natural Product Communications*, 14(1):47-50.
- Plantamor. Plantamor Situs Dunia Tumbuhan. Diakses pada tanggal 21 januari 2024.
- Putri, P. A., Chatri, M., & Advinda, L. (2023). Karakteristik saponin senyawa metabolit sekunder pada tumbuhan. *Jurnal Serambi Biologi*, 8(2), 252-256.
- Quadros, A.P.O.D., Almeida, L.M., Petreanu, M., Niero, R., Rosa, P.C.P., Sawaya, A.C.H.F., Mantovani, M.S., Gaivão, I.O.N.D.M. & Maistro, E.L., (2020). Risk assessment via genotoxicity, metabolism, apoptosis, and cell growth effects in a HepG2/C3A cell line upon treatment with *Rubus rosifolius* (Rosaceae) leaves extract. *Journal of Toxicology and Environmental Health, Part A*, 83(13-14).
- Quirie A, Preuss C.V, & Musa R (2022). Allopurinol. In: StatPearls. Treasure Island (FL): StatPearls Publishing.
- Ragab G, Elshahaly & M, Bardin T. (2017). Gout: An old disease in new perspective - A review. *J Adv Res*, 8(5):495-511.
- Rakhmawatie, M. D., & Marfu'ati, N. (2023). Pembuatan simplisia dan teknik penyiapan obat tradisional jahe merah dan daun pepaya untuk standardisasi dosis. *Berdikari: Jurnal Inovasi dan Penerapan Ipteks*, 11(1).
- Rambaran, T. F., Nembhard, N., Bowen-Forbes, C. S., & Alexander-Lindo, R. L. (2020). Hypoglycemic effect of the fruit extracts of two varieties of *Rubus rosifolius*. *Journal of Food Biochemistry*, 44(9).
- Reagan, M. (2022). Diagnosis and Treatment of Gout Arthritis. *Open Access Indonesian Journal of Medical Reviews*, 2(1), 146-152.
- Riskesdas, L. N. (2018). Kementerian Kesehatan RI Badan Penelitian dan Pengembangan Kesehatan. *Jakarta: Departemen Kesehatan RI*.
- Riwanti, P., Izazih, F., & Amaliyah, A. (2020). Pengaruh perbedaan konsentrasi etanol pada kadar flavonoid total ekstrak etanol 50, 70 dan 96% *Sargassum polycystum*

dari Madura. *Journal of Pharmaceutical Care Anwar Medika (J-PhAM)*, 2(2), 82-95.

Rowe, R. C. Sheskey. PJ, and Quinn, ME (2020). Handbook Pharmaceutical Ecipenis. Pharmaceutical Press and American Pharmacists Association. 6th ed. London: Pharmaceutical Press.

Saharuddin, M., & Titawanno, J. E. (2020). Uji Efektivitas Antihiperurisemia Ekstrak Daun Salam (*Syzygium Polyanthum* Wight.) Terhadap mencit jantan (*mus musculus*) yang Diinduksi Jus Hati Ayam dan Kalium Oksonat. *Fito Medicine: Journal Pharmacy and Sciences*, 11(2), 60-69.

Santoni, A., Amanda, H., & Darwis, D. (2015). Characterization of pelargonidin compound from raspberry fruit (*Rubus rosifolius* Sm) with mass spectroscopy method. *Journal of Chemical and Pharmaceutical Research*, 7(8), 804-808.

Sari N, Johan T, Yuswanto A, & Fatmasari D. (2020). Complementary Nursing Intervention of Acupressure and Bay Leaf Extract (*Syzygium polyanthum*) on Reducing Pain among Patients with Arthritis Gout. *International Journal of Nursing and Health Services (IJNHS)*, 3 (6): 700-708.

Senduk, T. W., Montolalu, L. A., & Dotulong, V. (2020). The rendement of boiled water extract of mature leaves of mangrove *Sonneratia alba*. *Jurnal Perikanan Dan Kelautan Tropis*, 11(1), 9-15.

Silva, J.G.d., Júnior; Aires, ADL; Cunha, R.X.d.; Monte, T.V.S.d.; Assis, S.P.d.O.; Wu X, & You C. (2023). The biomarkers discovery of hyperuricemia and gout: proteomics and metabolomics. *PeerJ*, 6;11:e14554.

Siregar, H. D., Wassalwa, M., Janani, K., & Harahap, I. S. (2024). Analisis Uji Hipotesis Penelitian Perbandingan menggunakan Statistik Parametrik. *Al Ittihadu*, 3(1), 1-12.

Susandarini, R. (2016). Keragaman *Rubus* di gunung kembang kabupaten Wonosobo Jawa Tengah dan potensi pemanfaatannya. *Journal of Tropical Biodiversity and Biotechnology*, 1(1), 9-13.

Setiawansyah, A., & Gemantari, B. M. (2022). Potential activity of caryophyllene derivatives as xanthine oxidase inhibitor: An in silico quantitative structure-activity relationship analysis. *Journal of Food and Pharmaceutical Sciences*, 700-708.

Sinata N, Dona R, & Muthui'ah. (2022). Antihyperuricemia Activity of Ethanol Extract of (*Pandanus amaryllifolius* Roxb.) Leaves on Hyperuricemic Male Mice. *Jurnal Ilmiah Farmako Bahari* 13 (2) 164-75

Sucfindo conservation. 2020 . *Rubus rosifolius* Sm. Diakses pada tanggal 21 Januari 2024

- Tandi, J., Rahmawati, R., Isminarti, R., & Lapangoyu, J. (2018). Efek Ekstrak Biji Labu Kuning Terhadap Glukosa, Kolesterol dan Gambaran Histopatologi Pankreas Tikus Hiperkolesterolemia-Diabetes. In *Talanta Conference Series: Tropical Medicine (TM)* (Vol. 1, No. 3, pp. 144-151).
- Tang, D. H., Ye, Y. S., Wang, C. Y., Li, Z. L., Zheng, H., & Ma, K. L. (2017). Potassium oxonate induces acute hyperuricemia in the tree shrew (*tupaia belangeri chinensis*). *Experimental Animals*, 66(3), 209-216.
- Walid, M., Endriyatno, N. C., & Amalia, R. (2023). Uji Aktivitas Antihiperurisemia Ekstrak Buah Kersen Hijau (*Muntingia Calabura L.*) Pada Tikus Jantan Putih Galur Wistar. *Forte Journal*, 3(2), 134-140.
- Wijaya, H., Jubaidah, S., & Rukayyah. (2022). Perbandingan Metode Ekstraksi Maserasi Dan Sokhletasi Terhadap Randemen Ekstrak Batang Turi (*Sesbania grandiflora L.*). *Indonesian Journal Of Pharmacy and Natural Product*, 1-11.
- Wu, Y.C., Kuo, P.C., Chen, W.Y. & Tzen, J.T., (2023). Reduction of the Plasma Uric Acid Level in Potassium Oxalate-Induced Hyperuricemic Rats by Heat-Concentrated Prunus mume Fruit Extract Containing Three Chlorogenic Acid Isomers. *Compounds*, 3(1).
- Wowor, M. G. G., Tampara, J., Suryanto, E., & Momuat, L. I. (2022). Skrining fitokimia dan uji antibakteri masker peel-off ekstrak etanol daun kalu burung (*Barleria prionitis L.*). *Jurnal Ilmiah Sains*, 22(1), 75-86.
- Wu D, Chen R, Li Q, Lai X, Sun L, Zhang Z, Wen S, Sun S, & Cao F. (2022). Tea (*Camellia sinensis*) Ameliorates Hyperuricemia via uric acid metabolic pathways and gout microbiota. *Nutrients*, 14(13), 2666.