

DAFTAR PUSTAKA

1. Lü M, Wu W, Liu H. Effects of fraxinellone on the midgut ultrastructural changes of *Mythimna separata* Walker. *Pestic Biochem Physiol.* 2010;98(2):263-268. doi:10.1016/j.pestbp.2010.06.017
2. Li-na GUO, Yue-hu PEI, Fei-xiang XIE, et al. Identification of antioxidant activity of two new aromatic ring butyrolactone derivatives from *Dictamnus dasycarpus* Turcz . *Chin J Nat Med.* 2016;14(11):876-880. doi:10.1016/S1875-5364(16)30105-4
3. Zhang J, Song S, Liu J, et al. Chemical constituents from the root bark of *Dictamnus dasycarpus* Turcz . (Rutaceae) and their chemotaxonomic significance. *Biochem Syst Ecol.* 2019;86(August):103931. doi:10.1016/j.bse.2019.103931
4. Choi SP, Choi CY, Park K, et al. Glabretal-type triterpenoid from the root bark of *Dictamnus dasycarpus* ameliorates collagen-induced arthritis by inhibiting Erk-dependent lymphocyte proliferation. *J Ethnopharmacol.* 2016;178:13-16. doi:10.1016/j.jep.2015.10.043
5. Bailly C, Vergoten G. Fraxinellone : From pesticidal control to cancer treatment. *Pestic Biochem Physiol.* 2020;(April):104624. doi:10.1016/j.pestbp.2020.104624
6. Kim N, Cho K, Hong SS, Hwang BY, Fax T, Chun ET. Antiproliferative glabretal-type triterpenoids from the root bark of *Dictamnus dasycarpus*.

- Bioorg Med Chem Lett.* 2014. doi:10.1016/j.bmcl.2014.12.007
7. Gao P, Wang L, Zhao L, et al. Phytochemistry Anti-inflammatory quinoline alkaloids from the root bark of *Dictamnus dasycarpus*. *Phytochemistry.* 2020;172(September 2019):112260. doi:10.1016/j.phytochem.2020.112260
 8. Gao P, Wang L, Zhao L, Zhang C, Zeng K, Zhao M. Three new compounds from *Dictamnus dasycarpus* and their anti-inflammatory activities Three new compounds from *Dictamnus dasycarpus*. 2019;6020(May). doi:10.1080/10286020.2019.1620213
 9. Chang TM, Yang TY, Niu YL, Huang HC. The extract of *D. Dasycarpus* ameliorates oxazolone-induced skin damage in mice by anti-inflammatory and antioxidant mechanisms. *Antioxidants.* 2018;7(6):1-11. doi:10.3390/antiox7060077
 10. Kim H, Kim M, Kim H, San G, Gun W, In S. Anti-inflammatory activities of *Dictamnus dasycarpus* Turcz ., root bark on allergic contact dermatitis induced by dinitro fluorobenzene in mice. *J Ethnopharmacol.* 2013;149(2):471-477. doi:10.1016/j.jep.2013.06.055
 11. Taylor P, Guo L. Journal of Asian Natural Products Two new compounds from *Dictamnus dasycarpus*. 2014:37-41. doi:10.1080/10286020.2011.628316
 12. *Dasycarpus D. Antifungal Alkaloids and Limonoid Derivatives* F R O M. 1998;47(1):7-11.

13. Wang JY, Wang Z, Li MY, et al. Dictamnine promotes apoptosis and inhibits epithelial-mesenchymal transition, migration, invasion and proliferation by downregulating the HIF-1 α and Slug signaling pathways. *Chem Biol Interact.* 2018;296:134-144. doi:10.1016/j.cbi.2018.09.014
14. Turcz D, Han L, Zhang Y, Wang T. Eudesmane-Type Sesquiterpene Glycosides from. 2018;1:1-12. doi:10.3390/molecules23030642
15. Chen Y, Ruan J, Sun F, et al. Anti-inflammatory Limonoids From Cortex Dictamni. 2020;8(February):1-12. doi:10.3389/fchem.2020.00073
16. Papers O. Limonoids and Quinoline Alkaloids from *Dictamnus dasycarpus*. 2011:271-276.
17. Saputri FC, Zahara R. Uji Aktivitas Anti-Inflamasi Minyak Atsiri Daun Kemangi (*Ocimum americanum* L.) pada Tikus Putih Jantan yang Diinduksi Karagenan. *Pharm Sci Res.* 2016;3(3):107-119. doi:10.7454/psr.v3i3.3619
18. Kosala K, Widodo MA, Santoso S, Karyono S. In vitro and In vivo Anti-inflammatory Activities of *Coptosapelta flavescens* Korth Root ' s Methanol Extract. 2018;8(09):42-48. doi:10.7324/JAPS.2018.8907
19. Lorraine M Wilson SAP. *Patofisiologi Konsep Klinis Proses-Proses Penyakit*. 4th ed. Penerbit Buku Kedokteran EGC; 1995.
20. Yoon JS, Jeong EJ, Yang H, Kim SH, Sung SH. Inhibitory alkaloids from *Dictamnus dasycarpus* root barks on lipopolysaccharide-induced nitric oxide production in. 2012;27(August 2010):490-494.

doi:10.3109/14756366.2011.598151

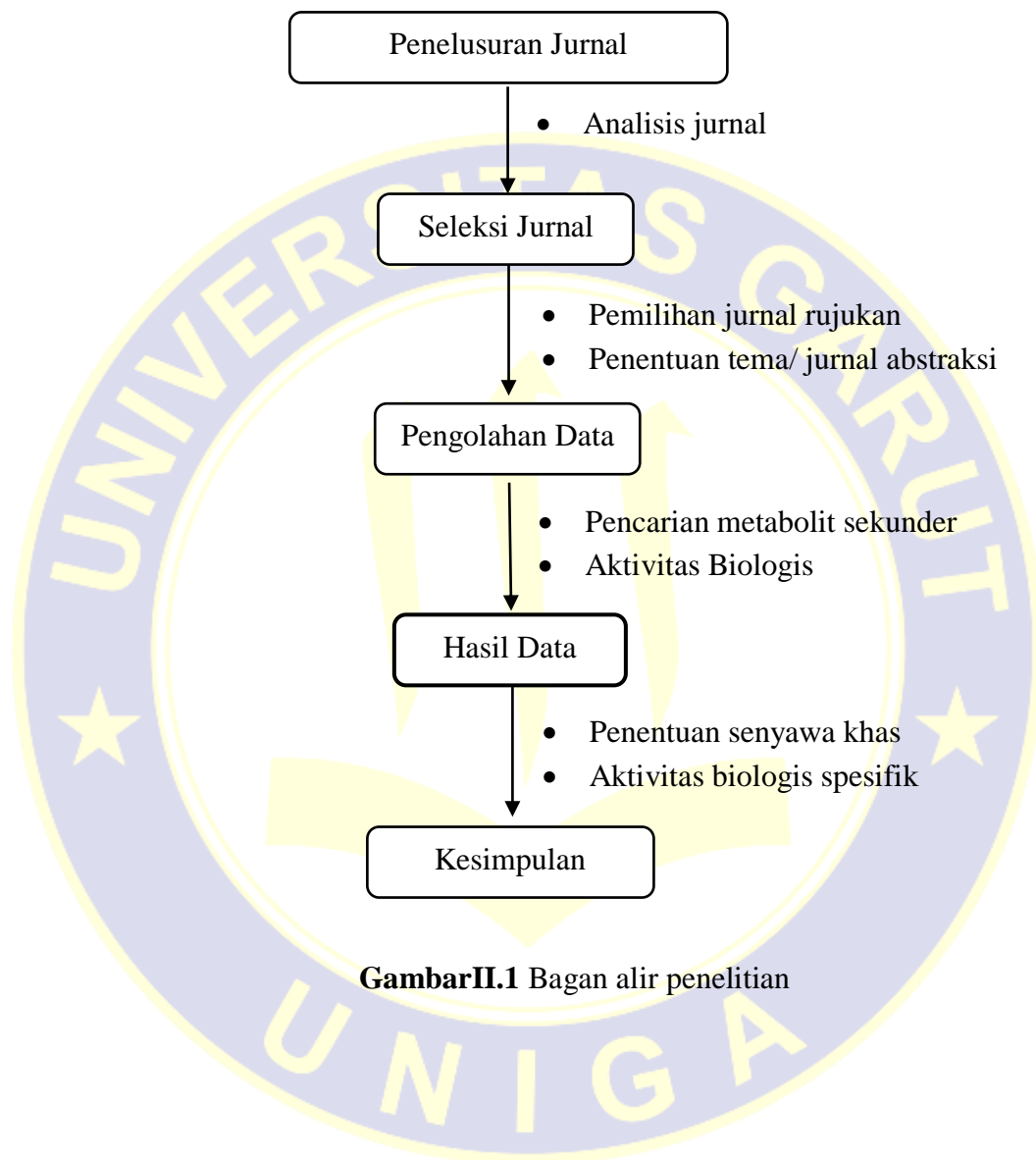
21. Bai Y, Jin X, Jia X, Tang W, Wang X. Phytochemistry Letters Two new apotirucallane-type isomeric triterpenoids from the root bark of *Dictamnus dasycarpus* with their anti-proliferative activity. *Phytochem Lett.* 2014;10:118-122. doi:10.1016/j.phytol.2014.06.017
22. Chen H, Hu Z, Tang C, Quinn RJ, Feng Y, Yao S. Dictamins A – C , three unprecedented apotirucallane-type trinortriterpenoids from *Dictamnus dasycarpus*. *Tetrahedron Lett.* 2013;54(32):4150-4153. doi:10.1016/j.tetlet.2013.05.130
23. Wang P, Sun J, Xu J, et al. Pharmacokinetics, tissue distribution and excretion study of dictamnine, a major bioactive component from the root bark of *Dictamnus dasycarpus* Turcz. (Rutaceae). *J Chromatogr B Anal Technol Biomed Life Sci.* 2013;942-943:1-8. doi:10.1016/j.jchromb.2013.10.025
24. Kenne M, Okunji CO, Mmaduakolam M, Kuete V. *1 Monoterpenes and Related Compounds from the Medicinal Plants of Africa.*; 2013.
25. Yoon JS, Sung SH, Kim YC. Neuroprotective Limonoids of Root Bark of *Dictamnus dasycarpus*. 2008;71:208-211.
26. Gunathilake KDPP, Ranaweera KKDS, Rupasinghe HPV. In vitro anti-inflammatory properties of selected green leafy vegetables. *Biomedicines.* 2018;6(4):1-10. doi:10.3390/biomedicines6040107
27. Anyasor GN, Okanlawon AA, Ogunbiyi B. Evaluation of anti-

- inflammatory activity of *Justicia secunda* Vahl leaf extract using in vitro and in vivo inflammation models. 2019.
28. Feldmann M, Brennan FM, Maini RN. Role of cytokines in rheumatoid arthritis. *Annu Rev Immunol.* 1996;14:397-440. doi:10.1146/annurev.immunol.14.1.397
 29. Tangkumahat FG, Rorong JA, Ftimah F. Pengaruh Pemberian Ekstrak Bunga Dan Daun Pepaya (*Carica papaya* L.) Terhadap Kadar Glukosa Darah Tikus Wistar (*Rattus norvegicus* L.) Yang Hiperglikemik. *J Ilm Sains.* 2017;17(2):143. doi:10.35799/jis.17.2.2017.17681
 30. Agustina W, Susanti E, Yunita N, Yamtinah S. Modul Chem Office (Chem Draw & Chem 3D). 2018;(Draw, C. (n.d.). Chem Draw & Chem 3D.):1-22.
 31. Asriyani I. *Kimia Organik Bahan Alam.* (Baharuddin M, ed.). Makasar: Allauddin University Press; 2013.
 32. Julianto TS. *Fitokimia Tinjauan Metabolit Sekunder Dan Skrining Fitokimia.* Vol 53.; 2019. <http://library.uui.ac.id>;e-mail: perpustakaan@uui.ac.id.
 33. Dewick PM. *Medicinal Natural Products A Biosynthetic Approach.* 3rd ed. University of Nottingham,; 2009.
 34. Diaz G, Miranda IL, Diaz MAN. Quinolines, Isoquinolines, Angustureine, and Congeneric Alkaloids — Occurrence, Chemistry, and Biological Activity. *Phytochem - Isol Characterisation Role Hum Heal.* 2015;(October). doi:10.5772/59819

35. Heliawati L. *Kandungan Kimia Dan Bioaktivitas Tanaman Kecapi*. Jl. Pakuan PO Box 452, Bogor, 16143: Pps Unpak Press; 2018.
36. Wang F, Wang M, Liu X, et al. Identification of putative genes involved in limonoids biosynthesis in citrus by comparative transcriptomic analysis. *Front Plant Sci*. 2017;8(May):1-12. doi:10.3389/fpls.2017.00782
37. Roy A, Saraf S. Limonoids: Overview of significant bioactive triterpenes distributed in plants kingdom. *Biol Pharm Bull*. 2006;29(2):191-201. doi:10.1248/bpb.29.191
38. Arung ET, Wicaksono BD, Handoko YA, Kusuma IW, Yulia D, Sandra F. Anti-cancer properties of diethylether extract of wood from Sukun (*Artocarpus altilis*) in human breast cancer (T47D) cells. *Trop J Pharm Res*. 2009;8(4):317-324. doi:10.4314/tjpr.v8i4.45223
39. Ruan J, Li Z, Zhang Y, et al. Bioactive Constituents from the Roots of *Eurycoma longifolia*. *Molecules*. 2019;24(17):1-16. doi:10.3390/molecules24173157
40. Villela lucia maria aversa. Evaluasi Aktivitas Anti-Inflamasi Dan Antioksidan Secara In-Vitro, Kandungan Fenolat Dan Flavonoid Total Pada *Terminalia* spp. *J Chem Inf Model*. 2013;53(9):1689-1699.

LAMPIRAN 1

DIAGRAM ALIR PENELITIAN



GambarII.1 Bagan alir penelitian

LAMPIRAN 2
IDENTIFIKASI JURNAL RUJUKAN

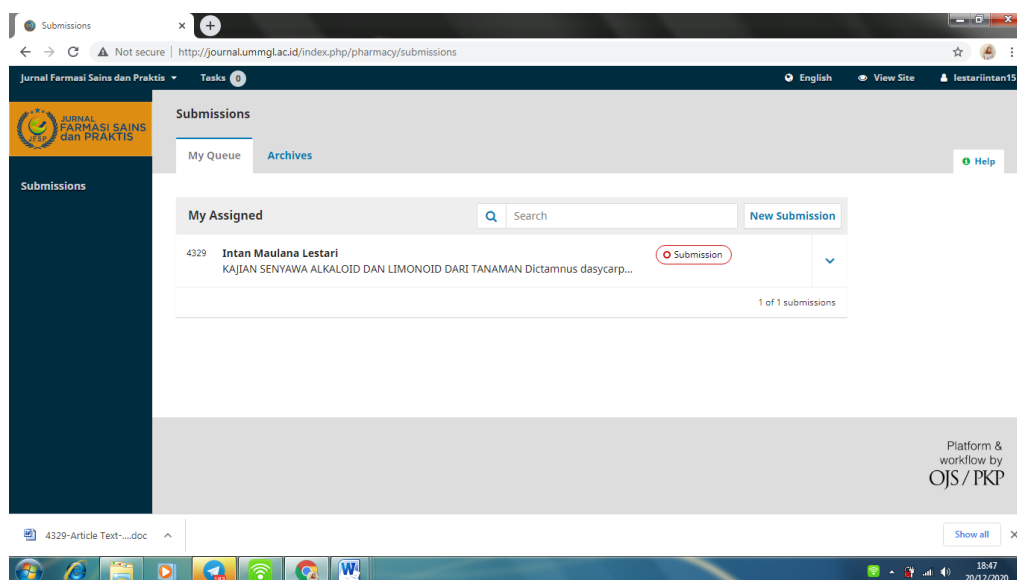
No	Judul Artikel	Tahun	Volume	Penulis	Identitas Jurnal	Pustaka	Link
1	<i>Anti-inflammatory activities of Dictamnus dasycarpus Turcz. Root bark on allergic contact dermatitis induced by dinitrofluorobenzene</i>	2013	Vol. 149 halaman : 471–477	HyungwooKim, MiyoungKim, HannaKim, GuemSanLee, WonGunAn, SulInCho	<i>Journal of ethnopharmacology</i>	10	https://pubmed.ncbi.nlm.nih.gov/23850712/doi:10.1016/j.jep.2013.06.055
2	<i>Anti-inflammatory Limonoids From Cortex Dictamnii</i>	2020	Vol. 8 No. 73	Yue Chen, Jingya Ruan, Fan Sun, Huimei Wang, Shengcai Yang, Ying Zhang, Jiejing Yan, Haiyang Yu, Yuanqiang Guo, YiZhang, and Tao Wang.	<i>Frontiers in Chemistry</i>	15	https://pubmed.ncbi.nlm.nih.gov/32185157/doi:10.3389/fchem.2020.00073
3	<i>Anti-inflammatory</i>	2020	No. 172	Peng Gao, Ling	<i>Phytochemistr</i>	17	https://www.s

	<i>quinoline alkaloids from the root bark of Dictamnus dasycarpus</i>		112260	Wang, Lin Zhao, Qing-ying Zhang, Ke-wu Zeng, Ming-bo Zhao, Yong Jiang, Peng-fei Tu, Xiao-yu Guo	y		ciencedirect.com/science/article/abs/pii/S0031942219309549
4	<i>Antiproliferative glabretal-type triterpenoids from the root bark of Dictamnus dasycarpus</i>	2014	No. S0960-894X(14)01304-3	Nahyun Kim, Kyu-Won Cho, Seong Su Hong, Bang Yeon Hwang, Taehoon Chun,	<i>Bioorganic & Medicinal Chemistry Letters</i>	6	https://pubmed.ncbi.nlm.nih.gov/25537268/doi/10.1016/j.bmcl.2014.12.007
5	<i>Inhibitory alkaloids from Dictamnus dasycarpus root barkson lipopolysaccharide-induced nitric oxide production in BV2 cells</i>	2012	No. 27(4) Halaman : 490–494	Jeong Seon Yoon, Eun Ju Jeong, Hyekyung Yang, Seung Hyun Kim, Sang Hyun Sung and Young	<i>Journal of Enzyme Inhibition and Medicinal Chemistry</i>	20	https://pubmed.ncbi.nlm.nih.gov/21827366/doi/10.3109/14756366.2011.598151
6	<i>Identification of antioxidant activity of two new aromatic butyrolactone derivatives from Dictamnus dasycarpus Turcz.</i>	2016	No. 14(11): Halaman: 0876-0880	Guo Li-Na, Pei Yue-Hu, Xie Fei-Xiang, Liu Lei, Cong Huan, Cui Hong-Xia, Wang Xiao-Li, Li Wen-Jing, Jian Bai-Yu, Liu Ji-Cheng.	<i>Chinese Journal of Natural Medicines</i>	2	https://www.sciencedirect.com/science/article/pii/S1875536416301054
7	<i>Three new compounds from Dictamnus</i>	2019	ISSN: 1028-	Peng Gao, Ling Wang, Lin Zhao,	<i>Journal of Asian Natural</i>	8	https://pubmed.ncbi.nlm.nih.gov/

	<i>dasycarpus</i> and their anti-inflammatory activities		6020 Halaman a: 1477-2213	Chen Zhang, Ke-Wu Zeng, Ming-Bo Zhao, Qing-Ying Zhang, Yong Jiang, Peng-Fei Tu & Xiao-Yu Guo	<i>Products Research</i>		https://pubmed.ncbi.nlm.nih.gov/31144510/doi:10.1080/10286020.2019.1620213 .
8	<i>Eudesmane-Type Sesquiterpene Glycosides from Dictamnus dasycarpus Turcz.</i>	2018	No. 23, Vol. 642 Halaman : 1-12	Shengcai Yang, Zheng Li, Jianli Wang , Jingya Ruan, Chang Zheng, Peijian Huang, Lifeng Han, Yi Zhang, and Tao Wang.	<i>Molecules</i>	14	https://pubmed.ncbi.nlm.nih.gov/295333968/doi:10.3390/molecules23030642 .
9	<i>Two new apotirucallan-type isomeric triterpenoids from the root bark of Dictamnus dasycarpus with their anti-proliferative</i>	2014	No. 10 Halaman : 118-122	Yuanyuan Bai, Xing Jin, Xianhui Jia, Wenzhao Tang, Xiaojing Wang, Yunxue Zhao.	<i>Phytochemistry</i>	21	https://www.sciencedirect.com/science/article/abs/pii/S1874390014001153
10	<i>Chemical constituents from the root bark of Dictamnus dasycarpus Turcz. (Rutaceae) and their chemotaxonomic significance</i>	2019	No. 86 103931	Jin-Ling Zhang, Shang-Chun Songb, Ji-Cheng Liua, Peng-Hui Nia, Lei Liua, Yu-Kun Maa, Yu Suna, Qi Liua, Li-Na Guoa,	<i>Biochemical Systematics and Ecology</i>	3	https://www.sciencedirect.com/science/article/pii/S030519781930287X
11	<i>Two new compounds from Dictamnus Dasycarpus</i>	2014	No. 1072954	Li-Na Guo, Yue-Hu Pei, Gang Chen,	<i>Journal of Asian Natural</i>	11	https://pubmed.ncbi.nlm.nih.gov

LAMPIRAN 3

BUKTI SUBMISSION SINTA 3



The screenshot displays a web browser window with the URL <http://journal.umg.ac.id/index.php/pharmacy/submissions>. The page title is "Submissions" and the journal name is "Jurnal Farmasi Sains dan Praktis". The interface includes a navigation menu with "My Queue" and "Archives" tabs, and a "Help" button. A "My Assigned" section contains a table with one submission entry:

Submission ID	Author	Title	Status
4329	Intan Maulana Lestari	KAJIAN SENYAWA ALKALOID DAN LIMONOID DARI TANAMAN Dictamnus dasycarp...	Submission

The bottom right corner of the page indicates the platform and workflow by "OJS / PKP". The Windows taskbar at the bottom shows the time as 18:47 on 20/12/2020.

