

DAFTAR PUSTAKA

1. Unger T, Borghi C, Charchar F, Khan NA, Poulter NR, Prabhakaran D, et al. 2020 International Society of Hypertension Global Hypertension Practice Guidelines. *Hypertension*. 2020;75(6):1334–57.
2. Putriastuti L. Analisis Hubungan Antara Kebiasaan Olahraga Dengan Kejadian Hipertensi Pada Pasien Usia 45 Tahun Keatas. *J Berk Epidemiol*. 2016;4(2):225–36.
3. Holidah D. Aliskiren, Obat Antihipertensi Baru Dengan Mekanisme Penghambat Renin. *J Trop Pharm Chem*. 2011;1(3):235–46.
4. Organization WH. A global brief on Hypertension. Switzerland: World Health Organization; 2013. p. 9.
5. Indonesia KKR. Laporan Nasional RISKESDAS 2018. Jakarta: Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan; 2019. 156–157 p.
6. Agustina S, Ruslan, Wiraningtyas A. Skrining Fitokimia Tanaman Obat Di Kabupaten Bima. 2016;4(1):71–6.
7. Mulyani S, Rosa EM, Huriah T. Pengaruh Ekstrak Daun Belimbing Wuluh (*Averrhoa bilimbi* L.) Terhadap Penurunan Tekanan Darah Tikus Putih Jantan (*Rattus Norvegicus*) Hipertensi. *IJNP (Indonesian J Nurs Pract [Internet]*. 2015;1(2):177–84. Available from: <http://journal.umy.ac.id/index.php/ijnp/article/view/658/811>
8. Catarino S, Duarte MC, Costa E, Carrero PG, Romeiras MM. Conservation and sustainable use of the medicinal Leguminosae plants from Angola.

PeerJ. 2019;2019(5):1–29.

9. Amen YM, Marzouk AM, Zaghloul MG, Afifi MS. The genus *Machaerium* (Fabaceae): Taxonomy, phytochemistry, traditional uses and biological activities. *Nat Prod Res.* 2015;29(15):1388–405.
10. Mudau G, Odeyemi S, Dewar J. Vhavenda Herbal Remedies as Sources of Antihypertensive Drugs: Ethnobotanical and Ethnopharmacological Studies. *Oxid Med Cell Longev.* 2020;2020:1–18.
11. Ng CF, Koon CM, Cheung DWS, Lam MY, Leung PC, Lau CBS, et al. The anti-hypertensive effect of Danshen (*Salvia miltiorrhiza*) and Gegen (*Pueraria lobata*) formula in rats and its underlying mechanisms of vasorelaxation. *J Ethnopharmacol.* 2011;137(3):1366–72.
12. Woo KS, Yip TWC, Chook P, Kwong SK, Szeto CC, Li JKY, et al. Cardiovascular protective effects of adjunctive alternative medicine (*Salvia miltiorrhiza* and *Pueraria lobata*) in high-risk hypertension. *Evidence-based Complement Altern Med.* 2013;2013:1–20.
13. Maji AK, Pandit S, Banerji P, Banerjee D. *Pueraria tuberosa*: A review on its phytochemical and therapeutic potential. *Nat Prod Res.* 2014;28(23):2111–27.
14. Putri CRH. The Potency and Use of *Tamarindus indica* on Various Therapies. *J Ilm Kedokt Wijaya Kusuma.* 2017;3(2):40.
15. Azani N, Babineau M, Bailey CD, Banks H, Barbosa AR, Pinto RB, et al. A new subfamily classification of the leguminosae based on a taxonomically comprehensive phylogeny. *Taxon.* 2017;66(1):44–77.

16. Ani N, Rohyani IS, Ustadz M. Pengetahuan Masyarakat Tentang Jenis Tumbuhan Obat Di Kawasan Taman Wisata Alam Madapangga Sumbawa. *J Pijar Mipa*. 2018;13(2):160–6.
17. Manurung N, Manurung R, Bolon CMT. *Sistem Endokrin*. Yogyakarta: Deepublish; 2017. 124–129 p.
18. Hall JE. *Buku Ajar Fisiologi Kedokteran*. Indonesia. Ilyas EII, Widjajakusumah MD, Tanzil A, editors. Elsevier; 2018. 251–266 p.
19. Yazid N, Harjoko A. Pemantau Tekanan Darah Digital Berbasis Sensor Tekanan MPX2050GP. *IJEIS - Indones J Electron Instrum Syst*. 2011;1(1):35–9.
20. Syarif A, Gayatri A, Estuningtiyas A, Setiawati A, Muchtar A, Arif A, et al. *Farmakologi dan Terapi*. Jakarta: Badan Penerbit FKUI; 2016. 345–364 p.
21. Dipiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM. *Pharmacotherapy : A pathophysiologic approach*. 6th ed. MC Graw Hill; 2014.
22. Roshifanni S. RISIKO HIPERTENSI PADA ORANG DENGAN POLA TIDUR BURUK (Studi di Puskesmas Tanah Kalikedinding Surabaya). *J Berk Epidemiol*. 2016;4(3):408–19.
23. Pikir BS, Aminuddin M, Subagjo A, Dharmadjati BB, Suryawan IGR, P J nUgroho EP, editors. *Hipertensi Manajemen Komprehensif*. Surabaya: Airlangga University Press; 2015. 1–17 p.
24. Saxena T, Ali AO, Saxena M. Pathophysiology of essential hypertension: an update. *Expert Rev Cardiovasc Ther* [Internet]. 2018;16(12):879–87.

Available from: <https://doi.org/10.1080/14779072.2018.1540301>

25. Malonda NSH, Dinarti LK, Pangastuti R. Pola Makan dan Konsumsi Alkohol Sebagai Faktor Risiko Hipertensi Pada Lansia. *J Gizi Klin Indones.* 2012;8(4):202–12.
26. Wilde E, Aubdool AA, Thakore P, Baldissera L, Alawi KM, Keeble J, et al. Tail-Cuff Technique and Its Influence on Central Blood Pressure in the Mouse. *J Am Heart Assoc.* 2017;6(6).
27. Lin HT, Shiou YL, Jhuang WJ, Lee HC. Simultaneous Electrocardiography Recording and Invasive Blood Pressure Measurement in rats. *J Vis Exp.* 2019;2019(143):1–8.
28. Khan MY, Kumar V. Mechanism & inhibition kinetics of bioassay-guided fractions of Indian medicinal plants and foods as ACE inhibitors. *J Tradit Complement Med* [Internet]. 2018;9(1):73–84. Available from: <https://doi.org/10.1016/j.jtcme.2018.02.001>
29. Ahad A, Raish M, Bin Jordan YA, Alam MA, Al-Mohizea AM, Al-Jenoobi FI. Potential pharmacodynamic and pharmacokinetic interactions of *Nigella Sativa* and *Trigonella Foenum-graecum* with losartan in L-NAME induced hypertensive rats. *Saudi J Biol Sci* [Internet]. 2020;27(10):2544–50. Available from: <https://doi.org/10.1016/j.sjbs.2020.05.009>
30. Bilanda DC, Bidingha R à. G, Djomeni Dzeufiet PD, Fouda YB, Ngapout RF, Tcheutchoua Y, et al. Antihypertensive and antidiabetic activities of *Erythrina senegalensis* DC (Fabaceae) stem bark aqueous extract on diabetic hypertensive rats. *J Ethnopharmacol.* 2020;246.

31. Wu JS, Li JM, Lo HY, Hsiang CY, Ho TY. Anti-hypertensive and angiotensin-converting enzyme inhibitory effects of Radix Astragali and its bioactive peptide AM-1. J Ethnopharmacol [Internet]. 2020;254(February):112724. Available from: <https://doi.org/10.1016/j.jep.2020.112724>
32. Yin Y, Qi F, Song Z, Zhang B, Teng J. Ferulic acid combined with astragaloside IV protects against vascular endothelial dysfunction in diabetic rats. Biosci Trends. 2014;8(4):217–26.
33. Jeong EW, Park SY, Yang YS, Baek YJ, Yun DM, Kim HJ, et al. Black soybean and adzuki bean extracts lower blood pressure by modulating the renin-angiotensin system in spontaneously hypertensive rats. Foods. 2021;10(7).
34. Lin AHY, Leung GPH, Leung SWS, Vanhoutte PM, Man RYK. Genistein enhances relaxation of the spontaneously hypertensive rat aorta by transactivation of epidermal growth factor receptor following binding to membrane estrogen receptors- α and activation of a G protein-coupled, endothelial nitric oxide synthase-de. Pharmacol Res [Internet]. 2011;63(3):181–9. Available from: <http://dx.doi.org/10.1016/j.phrs.2010.11.007>
35. Cai RL, Li M, Xie SH, Song Y, Zou ZM, Zhu CY, et al. Antihypertensive effect of total flavone extracts from Puerariae Radix. J Ethnopharmacol [Internet]. 2011;133(1):177–83. Available from: <http://dx.doi.org/10.1016/j.jep.2010.09.013>

36. Shi W, Yuan R, Chen X, Xin Q, Wang Y, Shang X, et al. Puerarin Reduces Blood Pressure in Spontaneously Hypertensive Rats by Targeting eNOS. *Am J Chin Med*. 2019;47(1):19–38.
37. Mbarki S, Alimi H, Bouzenna H, Elfeki A, Hfaiedh N. Phytochemical study and protective effect of *Trigonella foenum graecum* (Fenugreek seeds) against carbon tetrachloride-induced toxicity in liver and kidney of male rat. *Biomed Pharmacother* [Internet]. 2017;88:19–26. Available from: <http://dx.doi.org/10.1016/j.biopha.2016.12.078>
38. Liu R, Cai Z, Xu B. Characterization and quantification of flavonoids and saponins in adzuki bean (*Vigna angularis* L.) by HPLC-DAD-ESI-MSn analysis. *Chem Cent J*. 2017;11(1):1–17.
39. Li S-F, Di Y-T, Luo R-H, Zheng Y-T, Wang Y-H, Fang X, et al. Cycloartane Triterpenoids from *Cassia occidentalis*. *Planta Med*. 2012;78(08):821–7.
40. Sureda A, Sanches Silva A, Sánchez-Machado DI, López-Cervantes J, Daglia M, Nabavi SF, et al. Hypotensive effects of genistein: From chemistry to medicine. *Chem Biol Interact* [Internet]. 2017;268:37–46. Available from: <http://dx.doi.org/10.1016/j.cbi.2017.02.012>
41. Gebremeskel AK, Wijerathne TD, Kim JH, Kim MJ, Seo CS, Shin HK, et al. *Psoralea corylifolia* extract induces vasodilation in rat arteries through both endothelium-dependent and -independent mechanisms involving inhibition of TRPC3 channel activity and elaboration of prostaglandin. *Pharm Biol* [Internet]. 2017;55(1):2136–44. Available from: <https://doi.org/10.1080/13880209.2017.1383484>

42. Zhang LJ, Liu HK, Hsiao PC, Kuo LMY, Lee IJ, Wu TS, et al. New isoflavonoid glycosides and related constituents from astragali radix (*astragalus membranaceus*) and their inhibitory activity on nitric oxide production. *J Agric Food Chem*. 2011;59(4):1131–7.
43. Silva MGB, Aragão TP, Vasconcelos CFB, Ferreira PA, Andrade BA, Costa IMA, et al. Acute and subacute toxicity of *Cassia occidentalis* L. stem and leaf in Wistar rats. *J Ethnopharmacol* [Internet]. 2011;136(2):341–6. Available from: <http://dx.doi.org/10.1016/j.jep.2011.04.070>
44. Chien HJ, Wang CS, Chen YH, Toh JT, Zheng YF, Hong XG, et al. Rapid determination of isoflavones and other bioactive compounds in soybean using SWATH-MS. *Anal Chim Acta* [Internet]. 2020;1103(250):122–33. Available from: <https://doi.org/10.1016/j.aca.2019.12.054>
45. Khan MY, Kumar V. Mechanism of antihypertensive effect of *Mucuna pruriens* L. seed extract and its isolated compounds. *J Complement Integr Med*. 2017;14(4):1–10.
46. Won TH, Song IH, Kim KH, Yang WY, Lee SK, Oh DC, et al. Bioactive metabolites from the fruits of *Psoralea corylifolia*. *J Nat Prod*. 2015;78(4):666–73.
47. Salem MA, Michel HE, Ezzat MI, Okba MM, EL-Desoky AM, Mohamed SO, et al. Optimization of an extraction solvent for angiotensin-converting enzyme inhibitors from *hibiscus sabdariffa* L. based on its UPLC-MS/MS metabolic profiling. *Molecules*. 2020;25(10):1–15.
48. Balasuriya N, Rupasinghe HPV. Antihypertensive properties of flavonoid-

rich apple peel extract. Food Chem [Internet]. 2012;135(4):2320–5.

Available from: <http://dx.doi.org/10.1016/j.foodchem.2012.07.023>



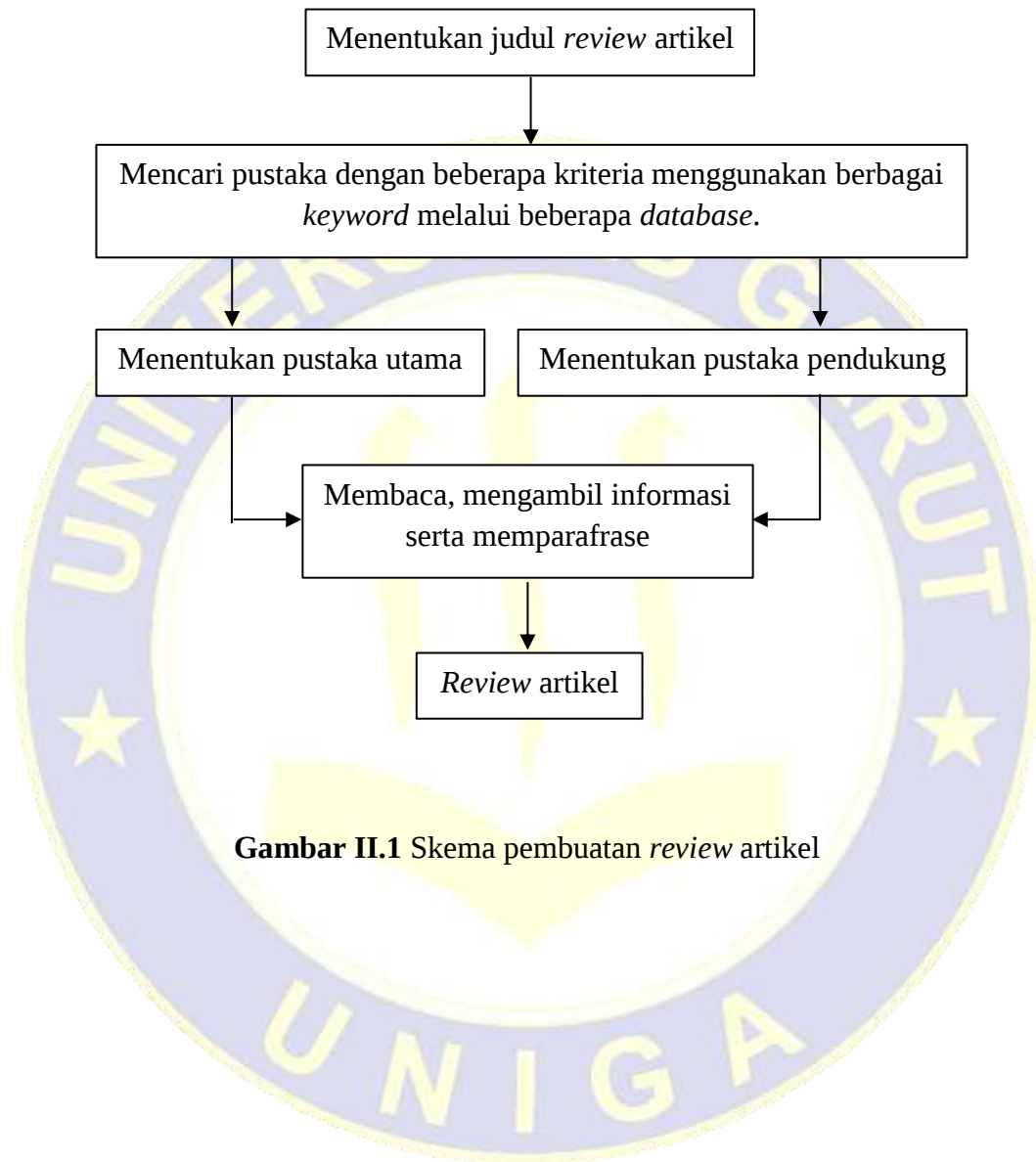
LAMPIRAN 1

BUKTI SUBMIT ARTIKEL



Gambar I.1 Bukti *submit* artikel

LAMPIRAN 2

SKEMA PEMBUATAN *REVIEW* ARTIKELGambar II.1 Skema pembuatan *review* artikel

DAFTAR RIWAYAT HIDUP

DATA PRIBADI



Nama : Frida Melinda Dwi Febrina
 Tempat Tanggal Lahir : Garut, 20 Februari 2000
 Agama : Islam
 Kewarganegaraan : Indonesia
 Status : Mahasiswi
 Alamat : Kp. Babakan Rt/Rw 001/005, Desa
 Sindanggalih, Kec. Karangpawitan,
 Kab. Garut

RIWAYAT PENDIDIKAN

- SDN Sindanggalih 4 (2005 – 2011)
- MTS Persis Tarogong (2011 – 2014)
- MA Persis Tarogong (2014 – 2017)
- Universitas Garut Fakultas MIPA S1 Farmasi (2017 – 2022)

PELATIHAN DAN KEGIATAN

- Praktek Kerja Lapangan di PT. Berkah Alam Nusantara, Garut (2021)
- Praktek Kerja Lapangan di Apotek Assyifa, Garut (2021)
- Pelatihan Instrumen Kimia High Performance Liquid Cromatography (HPLC) (2021)
- Pelatihan Instrumen Kimia *Atomic Absorption Spectrophotometer* (AAS) dan *Fourier Transform Infra Red* (FTIR) (2019)