

DAFTAR PUSTAKA

- Abbo, E.S., Olurin, T., and Odeyemi, G., 2006. Studies on the storage stability of soursop (*annona muricata* l.) Juice. *Afr. J. Biotech.* Vol 5: 108-12.
- Adefegha, S.A., Oyeleye, S.I., and Oboh, G., 2015. Distribution of phenolic contents, antidiabetic potentials, antihypertensive properties, and antioxidative effects of soursop (*Annona Muricata* l.) Fruit parts in vitro. *Biochem. Res. Int.* Vol 2015: 1-8.
- Adewole, O.S., and Caxton-Martins, A.E., 2006. *Morphological* changes and hypoglycemic effects of *Annona Muricata* linn. (annonaceae) leaf aqueous extract on pancreatic b-cells of streptozotocin-treated diabetic rats. *Afr. J. Biomed. Res.* Vol 9: 173-87.
- Adeyemi, D.O., Komolafe O.A., Adewole, O.S., Obuotor, E.M., Adenowo, T.K., 2007. Effects Of *Annona Muricata* (Linn) On The Morphology Of Pancreatic Islet Cells Of Experimentally-Induced Diabetic Wistar Rats. *Int. J. Altern. Med.* Vol 5 (2).
- Adeyemi, D.O., Komolafe, O.A., Adewole, O.S., Obuotor, E.M., Adenowo, T.K., 2009. Anti hyperglycemic activities of *annona muricata* (linn). *Afr. J. Trad. Comple. Altern. Med.* Vol 6 (1): 62-9.
- Ahbap, E., Sakaci, T., Kara, E., Sahutoglu, T., Koc, Y., Basturk, T., Sevinc, M., Akgol, C., Hasbal, B., Isleem, M., Nazif, P., Caglayan, F.B., Unsai, A., 2016. Serum uric acid levels and inflammatory markers with respect to dipping status: a retrospective analysis of hypertensive patients with or without chronic kidney disease. *Clin. Exp. Hypertens.* Vol 38 (6): 555-63.
- Alper Jr, A.B., Chen, W., and Yau, I., 2005. Childhood uric acid predict adult blood pressure: the bogalosa heart study. *Hypertens.* Vol 45: 34-38.
- Al Shukor, N., Van Camp, J., Gonzales, G.B., Staljanssens, D., Struijs, K., Zotti, M.J., Raes, K., Smagghe, G., 2013. Angiotensin-Converting Enzyme Inhibitory Effects by Plant Phenolic Compounds: A Study of Structure Activity Relationships. *J Agric Food Chem.* Vol 61(48): 11832-9.
- Artini, N.P.R., Sri W., and Wahyu D.S., 2012. Ekstrak daun sirsak (*annona muricata* l.) sebagai antioksidan pada penurunan kadar asam urat tikus wistar. *J. Kim.* Vol 6 (2): 127-37.
- Aziza, L., Sja'bani, M., Haryana, S.M., Soesaty, M.H.N.E., Sadewa, A.H., 2010. Hubungan polimorfisme gen angiotensin-converting enzyme insersi/delesi dengan hipertensi pada penduduk mlati, sleman, yogyakarta, indonesia. *Maj. Ked. Ind.* Vol 60 (4).
- Babio, N., Martí'nez-González, M.A., Estruch, R., Wärnberg, J., Recondo, J., Ortega-Calvo, M., Serra-Majem, L., Corella, D., Fitó, M., Ros, E., Becerra-Tomás, N., Basora, J., Salas-Salvadó, J., 2015. Associations between serum uric acid concentrations and metabolic syndrome and its components in the predimed study. *Nutr. Met. Cardio. Dis.* Vol 25(2): 173-80.
- Badrie, N. and Schauss, A.G., 2010. Soursop (*annona muricata* l.): composition, nutritional value, medicinal use, and toxicology in: Watson, R.R. and

- Preedy, V.R. (eds), *Bioactive Foods in Promoting Health, Fruit and Vegetables*. Academic Press. Oxford. P: 621-43.
- Barret, K.E., Brooks, H.L., Boitano, S., Barman, S., 2010. *Ganong's Review of Medical Physiology 23th edition*. McGraw-Hill Companies Inc. New York.
- Battegay, E., Bakris, G.L., and Lip, G.Y.H., 2005. *Hypertension: Principles And Practice: Def. And Class. Hypertens*. Taylor & Francis Group. New York.
- Bobadilla, M., Zavala, F., Sisniegas, M., Zavaleta, G., Mostacero, J. & Taramona, L., 2005. Evaluación larvicida de suspensiones acuosas de *annona muricata linnaeus* «guanábana» sobre *aedes aegypti linnaeus* (diptera, culicidae). *Rev. Per. Bio*. Vol 12(1): 145-52.
- Bolli, P., Hemmelgarn, B., Myers, MG., McKay, D., Tremblay, G., Tobe, S.W., 2007. High normal blood pressure and prehypertension: the debate continuous. *C.J.C.* Vol 23 (7): 581-82.
- Burn, C.M. and Wortman, R.L., 2015. Disorders of purin and pyrimidine metabolism in: Kasper, D.L., Braunwald, E., Fauci, A.S., *et al.* (eds). *Harrison's Principles of Internal Medicine 19th edition*. McGraw-Hill Medical Publishing Division. New York. Pp: 431e.
- Burt, V.L., Whelaton, and P., Rocella, E.J., 1995. Prevalence of hypertension in the us adults population: results from third national health and nutrition examination survey 1988-1991. *Hypertens*. Vol 25: 305-13.
- Capuano, V., Marchese, F., Capuano, R., Torre, S., Iannone, A.G., Capuano, E., Lamaida, N., Sonderegger, M., Capuano, E., 2017. Hyperuricemia as an independent risk factor for major cardiovascular events: a 10-year cohort study from Southern Italy. *J. Cardio. Med*. Vol 18 (3): 159-64.
- Carretero, O.A., and Oparil, S., 2000. Essential hypertension, part I: definition and etiology. *Circulation*. Vol 101: 329-35.
- Chaparro, S.P., Tavera, M.L., Martínez, J.J. & Gil, J.H., 2014. Propiedades funcionales de la harina y de los aislados proteicos de la semilla de guanábana (*annona muricata*). *Rev. U.D.C.A. Act. Div. Cie*. Vol 17(1): 151-9.
- Chen, Y., Xu, B., Sun, W., Wang, T., Xu, Y., Xu, M., Lu, J., Li, X., Bi, Y., Wang, W., Ning, G., 2015. Impact of the serum uric acid level on subclinical atherosclerosis in middle-aged and elderly chinese. *J. Atheroscler. Thromb*. Vol 22 (8): 823-32.
- Cheong, K.W., Tan, C.P., Mirhosseini, H., Chin, S.T., Che Man, Y.B., Hamid, N.S.A., Osman, A., Basri, M., 2011. Optimization of equilibrium headspace analysis of volatile flavor compounds of malaysian soursop (*annona muricata*): comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry (gc gc-tofms). *Food Chem*. Vol 125: 1481-9.
- Chiu, H.K., Tsai, E.C., Juneja, R., Stoeber, J., Brook-Worrell, B., Goel, A., Palmer, J.P., 2007. Equivalent insulin resistance in latent autoimmune diabetes in adults (lada) and type 2 diabetic patients. *Diabetes Res. Clin. Prac*. Vol 77: 237-44.

- Chobanian, A.V., Bakris, G.L., Black, H.R., Cushman, W.C., Green, L.A., Izzo, J.L., Jones, D.W., Materson, B.J., Oparil, S., Wright, J.T., Roccella, E.J., 2003. The seventh report of the jnc on prevention, detection and treatment of high blood pressure: the jnc 7 report. *JAMA*. Vol 289: 2560-72.
- Choi, H.K., and Ford, E.S., 2007. Prevalence of the metabolic syndrome in individuals with hyperuricemia. *Ame. J. Med.* Vol 120 (5): 442-7.
- Choi, H.K., Mount, D.B., and Reginato, A.M., 2005. Pathogenesis of gout. *Annals of Internal Medicine*. Vol 143: 499-516.
- Clemencon, B., Luscher, B.P., Fine, M., Baumann, M.U., Surbek, D.V., Bonny, O., Hediger, M.A., 2014. Expression, purification, and structural insights for the human uric acid transporter, glut9, using the xenopus laevis oocytes system. *PLoS ONE*. Vol 9 (10): 108852.
- Cook, N.R., Cohen, J., and Hebert, P.R.I., 1995. Implication of small reductions in diastolic blood pressure for primary prevention. *Arc. Int. Med.* Vol 155: 701-9.
- Coria-Tellez, A.V., Montalvo-Gonzalez, E., Yahia, E.M., Obledo-Vázquez, E.N., 2016. *Annona muricata*: a comprehensive review on its traditional medicinal uses, phytochemicals, pharmacological activities, mechanisms of action and toxicity. *Arab. J. of Chem.*
- de la Cruz, A.M.A., and Catabay, A.P., 2016. Hypolipidemic effect of the lyophilized fruit pulp of guyabano, *annona muricata* linn. (fam. Annonaceae) in atherogenic diet-induced hyperlipidemia in albino rats. *J.A.A.S.P.* Vol 1: 351-9.
- DiBianco, J.M., Jarrett, T.W., and Mufarrij, P., 2015. Metabolic syndrome and nephrolithiasis risk: should the medical management of nephrolithiasis include the treatment of metabolic syndrome. *Rev. Uro.* Vol 17 (3): 117-28.
- Doehner, W., and Anker, S.D., 2005. Uric Acid in chronic heart failure. *Sem. Nephrol.* Vol 24: 61-6.
- Dogan, M., Uz, O., Aparci, M., Atalay, and M., 2016. Confounders of uric acid level for assessing cardiovascular outcomes. *J Geriatr Cardiol JGC*. Vol 13(2): 197-8.
- Duvnjak, L, Tomislav, B., and Željko, M., 2008. Hypertension and the metabolic syndrome. *Diabet. Croat.* Vol 37: 83-9.
- Edmund, L., and David J., 2010. Kidney function tests in: Carl, A.B., Edward, R., and David, E., (eds). *Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics 4th edition*. Elsevier Inc. Philadelphia. Pp: 797-831.
- Egan, B.M., Nesbitt, S.D., and Julius, S., 2008. Prehypertension: should we be treating with pharmacologic therapy. *Therap. Adv. Cardio. Dis.* Vol 2 (4): 305-14.
- Ejaz A.A., Mu W., Kang D.H., Roncal, C., Sautin, Y.Y., Henderson, G., Tabah-Fish, I., Keller, B., Beaver, T.M., Nakagawa, T., Johnson, R.J., 2007. Could uric acid have a role in acute renal failure?. *Clin. J. Ame. Sos Nephrol.* Vol 2 (1): 16-21..

- Enweani, I.B., Obroku, J., Enahoro, T., Omoifo, C., 2004. The biochemical analysis of soursop (*annona muricata* l.) and sweetsop (*a. squamosa* l.) and their potential use as oral rehydration therapy. *J. Food Agri. Env.* Vol 2 (1): 39-43.
- Erwinanto, 2017. Definisi dan klasifikasi hipertensi in: Taruna, Y. and Widyantoro, B. *Buku Ajar Hipertensi*. Perhimpunan Dokter Hipertensi Indonesia. Jakarta.
- Erwinanto, 2017. Klasifikasi hipertensi (primer dan sekunder) serta perjalanan penyakit in: Taruna, Y. and Widyantoro, B. *Buku Ajar Hipertensi*. Perhimpunan Dokter Hipertensi Indonesia. Jakarta.
- European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC), 2013. Essential messages from 2013 esh/esc guidelines for the management of arterial hypertension. *Euro. Heart J.* Vol 34.
- Ewadh, M.J., Smaism, M.F., Jawad, A.M., Mkhlof, S., Aljubouri, O.M., Ewadh, M.M., 2015. Using soursop extract for natural gout treatment. *Ame. J. Biosci. Bioeng.* Vol 3 (5): 37-9.
- Fauziyati, A., 2008. Adaptasi fisiologis selama puasa (physiological adaptation during fasting. *Journal.uii.ac.id.* Vol 5 (1).
- Feig, D.I. and Johnson, R.J., 2003. Hyperuricemia in childhood primary hypertension. *Hypertens.* Vol 42 (3): 247-52.
- Feig, D.I., Nakagawa, T., Karumanchi, S.A., Oliver, W.J., Kang, D.H., Finch, J., Johnson, R.J., 2004. Hypothesis: uric acid, nephron number, and the pathogenesis of essential hypertension. *Kid. Int.* Vol 66 (1): 281-7.
- Feig, D.I., Kang, D.H., and Johnson, R.J., 2008. Uric acid and cardiovascular risk. *New Eng. J. Med.* Vol 359 (17): 1811-21.
- Finch, A. and Kubler, P. 2016. The management of gout. *Aus. Presc.* Vol 39 (4): 119-22.
- Fields, L.E., Burt, V.L., and Cutler, J.A., 2004. The burden of adult hypertension in the united states 1999 to 2000. A rising tide. *J. Hypertens.* Vol 44: 398-404.
- Firmansyah, D., Bachri, M.S. & Nurkhasanah, N., 2016. Pengaruh pemberian ekstrak etanol dan kloroform daun sirsak terhadap kolesterol total dan trigliserida pada tikus yang diinduksi aloksan. *Pharmaciana.* Vol 6 (1).
- Fleuriet, A. and Macheix, J.J., 2003. Phenolic acids in fruits and vegetables in Rice-Evans, C.A. and Packer, L., *Flavonoids in health and disease*. Marcel Dekker Inc. New York.
- Florence, N.T., Benoit, M.Z., Jonas, K., Alexandra, T., Désiré, D.D., Pierre, K., Théophile, D., 2014. Antidiabetic and antioxidant effects of *annona muricata* (annonaceae), aqueous extract on streptozotocin-induced diabetic rats. *J. Ethnopharma.* Vol 151 (2): 784-90.
- Frank, C., 2010. *Biomarkers of impaired renal function*. Wolters Kluwer Health. Philadelphia. Pp: 525-37.
- Fukui, M., 2008. Serum uric acidis associated with microalbuminuria and subclinical atherosclerosis in men with type ii diabetes with type 2 diabetes melitus. *Metabolism. Clin. Exp.* Vol 57: 625-9.

- Galán, I., Marian, G., Borja, Q., Alba, S., García de Vinuesa, M.S., Verdalles, U., Cedeño, S., Verde, E., Pérez de José, A., García, A., Luño, J., 2018. Hyperuricemia is associated with progression of chronic kidney disease in patients with reduced functioning kidney mass. *Nefrología*. Vol 38 (1): 73-8.
- Garth, A., 2008. *Analysing Data Using SPSS*. Sheffield Hallam University. Sheffield.
- Gavamukulya, Y., Wamunyokoli, F., El-Shemy, H.A., 2017. *Annona muricata*: Is the natural therapy to most disease conditions including cancer growing in our backyard? A systematic review of its research history and future prospects. *Asian Pac J Trop Med*. Pp:1-14.
- Greenberg, K.I., McAdams-DeMarco, M.A., Kottgen, A., Appel, L.J., Coresh, J., Grams, M.E., 2015. Plasma urate and risk of a hospital stay with aki: the atherosclerosis risk in communities study. *Clin. J. Ame. So. Nephrol*. Vol 10 (5): 776-83.
- Haidar, A., Sja'bani, M., Irijanto, F., Prasanto, H., Zulaela, Bawazier, L.A., Tomino, Y., 2012. Serum asam urat pada populasi prehipertensi dibanding dengan populasi normal dan hipertensi di Mlati, Sleman, Yogyakarta, Indonesia. *Ind. So. Nephrol. Hypertens*. Vol 11.
- Hajdu, Z., and Hohmann, J., 2012. An ethnopharmacological survey of the traditional medicine utilized in the community of porvenir, bajo paragua indian reservation, Bolivia. *J. Ethnopharma*. Vol 139: 838-57.
- Hardoko., Halim, Y., and Wijoyo, S., 2015. In vitro antidiabetic activity of “green tea” soursop leaves brew through a-glucosidase inhibition. *Int. J. PharmTech. Res*. Vol 8 (1): 30-7.
- Heinig, M., and Johnson, R.J., 2006. Role of uric acid in hypertension, renal disease & metabolic syndrome. *Clev. Clin. J. Med*.
- Herliana, E., 2014. *Penyakit Asam Urat Kandas dengan Herbal*. F-Media. Jakarta.
- Indriani, A., Tejasari, M., and Dewi, M.K., 2017. Efek Jangka Panjang Ekstrak Daun Sirsak (*Annona muricata*) terhadap Perubahan Kadar Urea dan Kreatinin Darah Tikus. *Prosiding Pendidikan Dokter*. Pp: 828-36.
- Inker, L.A., Fan, L., and Levey, A.S., 2015. Assesment of renal function in: Johnson, R.J., Feehally, J., and Floege J., *Comprehensive Clinical Nephrology* Fifth Ed. Ch 3. Elsevier Inc. Philadelphia
- Jalal D.I., Rivard C.J., Johnson R.J., Maahs, D.M., McFann, K., Rewers, M., Snell-Bergeon, J.K., 2010. Serum uric acid levels predict the development of albuminuria over 6 years in patients with type 1 diabetes: findings from the coronary artery calcifiscation in type 1 diabetes study. *Nephrol. Dial. Trans*. Vol 25 (6): 1865-9.
- JAMA, 1967. Effects of treatment on morbidity in hypertension. results in patients with diastolic blood pressures averaging 115 through 129 mmhg. veterans administration cooperative study group on antihypertensive agents. *J.A.M.A*. Vol 202 (11): 1028-34.
- James, P.A., Oparil, S., Carter, B.L., Cushman, W.C., Dennison-Himmelfarb, C, Handler, J., Lackland, D.T., LeFavre, M.L., MacKenzie, T.D., Ogedegbe, O., Smith, S.C., Svetkey, L.P., Taler, S.J., Townsend, R.R.,

- Wright, J.T., Narva, A.S., Ortiz, E., 2014. Evidence-based guideline for the management of high blood pressure in adults: report from the panel members appointed to the eighth joint national committee (jnc 8). *J.A.M.A.* Vol 311: 507-20.
- Jeunemaitre, X., Soubrier, F., Kotelevtsev, Y.V., Lifton, R.P., Williams, C.S., Charru, A., Hunt, S.C., Hopkins, P.N., Williams, R.R., Lalouel, J.M., Corvol, P., 1992. Molecular basic of human hypertension: role of angiotensinogen. *Cell.* Vol 71: 169-80.
- Joesoef, A.H., dan Setianto, B., 2003. Hipertensi sekunder in: Rilantono dkk (ed). *Buku Ajar Kardiologi.* FKUI. Jakarta.
- Johnson, R.J., Nakagawa, T., Jalal, D., Sanchez-Lozada, L.G., Kang, D.H., Ritz, E., 2013. Uric acid and chronic kidney disease: which is chasing which. *Nephrol. Dial. Trans.* Vol 28 (9): 2221-8.
- Johnson, R.J., Segal, M.S., Srinivas, T., Ejaz, A., Mu, W., Roncal, C., Sanchez-Lozada, L.G., Gersch, M., Rodriguez-Iturbe, B., Kang, D.H., Acosta, J.H., 2005. Essential hypertension, progressive renal disease, and uric acid: a pathogenetic link. *J. Ame. So. Nephrol.* Vol 16: 1909-19.
- Johnson, R.J., Sa´nchez-Lozada. L.G., Mazzali., Feig, D.I., Kanbay, M., Sautin, Y.Y., 2013. What are the key arguments against uric acid as a true risk factor for hypertension. *Hypertens.* Vol 61: 948-51.
- Johnson, R.J., Stenvinkel, P., Martin, S.L., Jani, A., Sanchez-Lozada, L.G., Hill, J.O., Lanaspas, M.A., 2013. Redefining metabolic syndrome as a fat storage condition based on studies of comparative physiology. *Obesity (Silver Spring).* Vol 21 (4): 659-64.
- Julius, S., Nesbitt, S.D., Egan, B.M., Weber, M.A., Michelson, E.L., Kaciroti, N., Black, H.R., Grimm, R.H.Jr., Messerli, F.H., Oparil, S., Schork, M.A., 2006. Feasibility of treating prehypertension with an angiotensin receptor blocker. *New Eng. J. Med.* Vol 354: 1685-97.
- Kanbay, M., Yilmaz, M.I., Sonmez, A., Turgut, F., Saglam, M., Cakir, E., Yenicesu, M., Covic, A., Jalal, D., Johnson, R.J., 2011. Serum uric acid level and endothelial dysfunction in patients with nondiabetic chronic kidney disease. *Ame. J. Nephrol.* Vol 33: 298-304.
- Kang, D.H., Nakagawa T., Feng, L., Watanabe, S., Han, L., Mazzali, M., Truong, L., Harris, R., Johnson, R.J., 2002. A role for uric acid in the progression of renal disease. *J. Ame. So. Nephrol.* Vol 13 (12): 2888-97.
- Kannel, W.B., 1996. Blood pressure as cardiovascular risk factor: prevention and treatment. *J. Ame. So. Nephrol.* Vol 275: 1571-6.
- Kaplan, N.M., 2015. Primary hypertension: pathogenesis in: Kaplan, N., Rose, B., Bakris, G.L., Sheridan, A.M., *Kaplan's Clinical Hypertension, 11th ed* Lippincoll William & Willkins Phylladelphia. Pp: 50-121.
- Kaplan, N.M. and Rose, D., 2010. Prehypertension and borderline hypertension. <http://www.uptodate.com/store>.
- Kaplan, N.M. and Rose, D., 2011. Technique of blood pressure Measurement in the diagnosis of hypertension. <http://www.uptodate.com/store>.

- Kansui, Y., Ohtsubo, T., Goto, K., Sakata, S., Ichishima, K., Fukuhara, M., Ohta, Y., Matsumura, K., 2011. Association of serum uric acid with blood pressure in Japanese men. *Circ. J.* Vol 75 (12): 2827-32.
- Kedari, T., and Khan, A., 2014. Guyabano (*Annona muricata*): a review of its traditional uses phytochemistry and pharmacology. *Ame. J. Res. Com.* Vol 2 (10): 247-68.
- Kementerian Kesehatan Republik Indonesia., 2008. Profil Kesehatan Indonesia Tahun 2017. Kemenkes RI.
- Kementerian Kesehatan Republik Indonesia., 2016. Profil Kesehatan Indonesia Tahun 2015. Kemenkes RI.
- Kementerian Kesehatan Republik Indonesia., 2015. Profil Kesehatan Indonesia Tahun 2014. Kemenkes RI.
- Kementerian Kesehatan Republik Indonesia., 2014. Profil Kesehatan Indonesia Tahun 2013. Kemenkes RI.
- Kementerian Kesehatan Republik Indonesia., 2014. Peraturan Menteri Kesehatan Republik Indonesia Nomor 28 Tahun 2014.
- Kertia, I.N., 2009. *Aktivitas Anti Inflamasi Kurkuminoid Ekstrak Rimpang Kunyit (Curcuma Domestica Val.), Kajian Klinis dan Laboratoris Pengaruhnya terhadap Respon Inflamasi di dalam Cairan Sinovia Sendi Osteoarthritis*. Program Doktor Ilmu Kedokteran dan Kesehatan Fakultas Kedokteran. Universitas Gadjah Mada. Yogyakarta.
- Kim, G.S., 1998. Muricoreacin and murihexocin c, mono-tetrahydrofuran acetogenins, from the leaves of *annona muricata*. *Phytochemistry*. Vol 49 (2): 565-71.
- Kim, S.Y., Guevara, J.P., Kim, K.M., Choi, H.K., Heitjan, D.F., Albert, D.A., 2009. Hyperuricemia and risk of stroke: a systematic review and meta-analysis. *Arthri. Rheum.* Vol 61 (7): 885-92.
- Kimm, H., Mok, Y., Lee, S.J., Lee, S., Back, J.H., Jee, S.H., 2018. The J-curve between Diastolic Blood Pressure and Risk of All-cause and Cardiovascular Death. *Kor. Circ. J.* Vol 48 (1): 36-47.
- Kırça, M., Oğuz, N., Çetin, A., Uzuner, F., Yeşilkaya, A., 2017. Uric acid stimulates proliferative pathways in vascular smooth muscle cells through the activation of p38 mapk, p44/42 mapk and pdgfr β . *J. Re. Sig. Transd.* Vol 37 (2): 167-73.
- Klabunde, R.E., 2012. *Cardiovascular physiology concepts. Neurohumoral control of the heart and circulation, chapter 6, 2nd edition*. Wolters Kluwer / Lippincott Williams & Wilkins. New York. Pp: 124-39.
- Krishnan, E., Kwoh, C.K., and Curhan, G.C., 2007. Hyperuricemia and incidence of hypertension among men without metabolic syndrome. *Hypertens.* Vol 49: 298-303.
- Kunikullaya, K.U., Purushottam, N., Prakash, V., Chinnaswamy, R., 2015. Correlation of serum uric acid with heart rate variability in hypertension. *Hipertens. y Riesgo Vas.* Vol 32 (4): 133-41.
- Kusumawati, I. & Sugiyanto, S. 2016. Pengaruh Pemberian Jus Sirsak Terhadap Kadar Asam Urat Pada Penderita Hiperurisemia di Dusun Semarang

- Sidokarto Godean Sleman Yogyakarta. *Thesis*. Universitas' Aisyiyah Yogyakarta.
- Langlois, M., Bacquer, D., and Duprez, D., 2003. Serum uric acid in hypertensive patients with and without peripheral arterial disease. *Atherosclerosis*. Vol 168: 163-8.
- Lee, J.J., Ahn, J., Hwang, J., Han, S.W., Lee, K.N., Kim, J.B., Lee, S., Na, J.O., Lim, H.E., Kim, J.W., Rha, S.W., Park, C.G., Seo, H.S., Oh, D.J., Kim, E.J., 2015. Relationship between uric acid and blood pressure in different age groups. *Clin. Hypertens*. Vol 21.
- Lee, S.O., Simons, A.L., Murphy, P.A. Hendrich, S., 2005. Soyasaponins lowered plasma cholesterol and increase fecal bile acids in female golde syrian hamsters. *Exp. Bio. Med*. Vol 230 (7): 472-8.
- Li, H., Xu, T., Tong, W., Liu, Y., Zhao, L., Zhang, Y., 2008. Comparison of risk factors between prehypertension and hypertension in mongolian population, inner mongolia china. *Circ. J*. Vol 72: 1666-73.
- Li, P., Zhang L., Zhang M., Zhou, C., Lin, N., 2016. Uric acid enhances pkc-dependent enos phosphorylation and mediates cellular er stress: a mechanism for uric acid-induced endothelial dysfunction. *Int. J. Mol. Med*. Vol 37 (4): 989-97.
- Lin, C.S., Lee, W.L., Hung, Y.J., Lee, D.Y., Chen, K.F., Chi, W.C., Chang, S.C., 2012. Prevalence of hyperuricemia and its association with antihypertensive treatment in hypertensive patients in Taiwan. *Int. J. Cardio*. Vol 156 (1): 41-6.
- Liu, B., Wang, T., Zhao, H.N., Yue, W.W., Yu, Y., Liu, C.X., Yin, J., Jia, R.Y., Nie, H.W., 2011. The prevalence of hyperucemia in china: a meta-analyis. *BMC Public Health*. Vol 11: 832.
- Liu, P., Wang, H., Zhang, F., Chen, Y., Wang, D., Wang, Y., 2015. The effects of allopurinol on the carotid intima-media thickness in patients with type 2 diabetes and asymptomatic hyperuricemia: a three-year randomized parallel-controlled study. *Internal. Med*. Vol 54 (17): 2129-37.
- Lovell, A.R., and Ernst, M.E., 2017. Drug-Induced Hypertension: Focus on Mechanisms and Management. *Curr Hypertens Rep*. Vol 19 (5): 39.
- Lubis, H.R., 2008. *Sejarah Hipertensi*. Departemen Ilmu Penyakit Dalam. FK USU. Medan.
- Lukito, A.A., 2017. Etiologi dan patofisiologi in: Taruna, Y. and Widyanoro B., *Buku Ajar Hipertensi*. Perhimpunan Dokter Hipertensi Indonesia. Jakarta.
- Madero, M., Castellanos, F.E.R., Jalal, D., Villalobos-Martin, M., Salazar, J., Vasquez-Rangel, A., Johnson, R.J., Sanchez-Lozada, L.G., 2015. A pilot study on the impact of a low fructose diet and allopurinol on clinic blood pressure among overweight and prehypertensive subjects: a randomized placebo controlled trial. *J. Ame. So. Hypertens*. Vol 9 (11): 837-44.
- Maesaka, J.K., and Fishbane, S., 1998. Regulation of renal urate excretion: a critical review. *Ame. J. Kid. Dis*. Vol 32 (6): 917-33.

- Maiuolo, J., Oppedisano, F., Gratteri, S., Muscoli, C., Mollace, V., 2016. Regulation of uric acid metabolism and excretion. *Int. J. Cardio.* Vol 213: 8-14.
- Malik, U.Z., Hundley, N.J., Romero, G., Radi, R., Freeman, B.A., Tarpey, M.M., Kelley, E.E., 2011. Febuxostat inhibition of endothelial-bound xo: implications for targeting vascular ros production. *Free Rad. Bio. Med.* Vol 51 (1): 179-84.
- Mallamaci, F., Testa, A., Leonardis, D., Tripepi, R., Pisano, A., Spoto, B., Sanguedolce, M.C., Parlongo, R.M., Tripepe, G., Zoccali, C., 2014. A polymorphism in the major gene regulating serum uric acid associates with clinic SBP and the white-coat effect in a family-based study. *J. Hypertens.* Vol 32 (8): 1621-8.
- Manaf, A., 2006. New option in hypertension treatment and vascular protection in: Manaf A *et al.* (eds) *Naskah Lengkap Pertemuan Ilmiah Berkala VII Ilmu Penyakit Dalam*. Bagian IPD Unand. Padang.
- Maryati, H., Syabrullah, A. & Affandi, M.I.A., 2015. Pengaruh Konsumsi Jus Buah Sirsak Terhadap Penurunan Kadar Asam Urat Dalam Darah Pada Penderita Gout Arthritis Pria Usia 46-50 Tahun. <http://publikasiilmiah.ums.ac.id:80/handle/11617/6161>. 12 October 2017.
- Mazzali, M., Kanbay, M., Segal, M.S., Shafiu, M., Jalal, D., Feig, D.I., Johnson, R.J., 2010. Uric Acid and Hypertension: Cause or Effect? *Cur. Rheum. Report.* Vol 12 (2): 108-17.
- Mhaske, S., and Patel, P. (2013). Bye bye junk food. *Int. J. Food, Nutr. Diet.* Vol 1 (2).
- Monigatti, M., Bussmann, R.W. & Weckerle, C.S. 2013. Medicinal plant use in two Andean communities located at different altitudes in the Bolívar Province, Peru. *J. Ethnopharma.* Vol 145(2): 450-64.
- Monteiro, J.M., de Albuquerque, U.P., de L Araujo, E. & de Amorim, E.L.C. 2005. Taninos: uma abordagem da química à ecologia. *Química Nova.* Vol 28(5): 892.
- Mustafiza, P.V., 2010. *Hubungan antara Hiperurikemi dengan Hipertensi*. Fakultas Kedokteran Universitas Sebelas Maret. Surakarta.
- Nadar, S., 2015. Epidemiology of hypertension in: Nadar, S. and Lip, G.Y.H. *Hypertension 2nd edition*. Oxford Cardiology Library. Oxford. Chapter 1.
- Nagayama, D., Yamaguchi, T., Saiki, A., Imamura, H., Sato, Y., Ban, N., Kawana, H., Nagumo, A., Shirai, K., Tatsuno, I., 2015. High serum uric acid is associated with increased cardio-ankle vascular index (CAVI) in healthy Japanese subjects: A cross-sectional study. *Atherosclerosis.* Vol 239 (1): 163-8.
- Nambiar, R., 2015. Hypertension: a cardiovascular risk factor in: Nadar, S. and Lip, G.Y.H. *Hypertension*, Second Edition. Oxford Cardiology Library. Oxford. Chapter 7.
- Navar, L.G., 2004. The intrarenal renin-angiotensin system in hypertension. *Kid. Int.* Vol 65 (4): 1522-32.

- National Institutes of Health (NIH). 2005. *Your Guide to Lowering Your Cholesterol with Therapeutic Lifestyle Changes*. National Institutes of Health (NIH) No 06-5235. <https://www.nhlbi.nih.gov/files/docs/public/heart/wyntk.pdf>.
- Nofianti, T., 2015. Pengaruh pemberian infusa daun sirsak (*annona muricata* linn) selama 28 hari terhadap kadar kreatinin, bun, sgpt, sgot serta proteinurea dan bilirubin. *Jurnal Kesehatan Bakti Tunas Husada*. Vol 13(1). <http://ejournal.stikes-bth.ac.id/index.php/P3M/article/view/19>. 11 October 2017.
- Nwokocha, C.R., Owu, D.U., Gordon, A., Thaxter, K., McCalla, G., Ozolua, R.I., Young, L., 2012. Possible mechanisms of action of the hypotensive effect of *Annona muricata* (soursop) in normotensive sprague-dawley rats. *Pharma. Bio*. Vol 50 (11): 1436-41.
- O'Callaghan, C.A., 2009. *The Renal System at a Glance* 3rd Edition. A John Willey & Son Ltd. Oxford.
- Okuda, T., Ito, H., 2011. Tannins of Constant Structure in Medicinal and Food Plants—Hydrolyzable Tannins and Polyphenols Related to Tannins. *Molecules*. Vol 16(3): 2191-217.
- Okwuonu, C.G., Ngoka, S.C., Chimezie, O.J., Eze, T.H., Uwanurochi, K., Mbanaso, A.U., 2017. Towards prevention of hypertension in Nigeria: a study of prehypertension and its associations among apparently healthy adults in Umuahia, South-East Nigeria. *Int. J. Preven. Med*. Vol 6: 6.
- Onyechi, A.U., Ibeanu, V.N., Eme, P.E., Kelechi, M., 2015. Nutrient, Phytochemical Composition and Consumption Pattern of Soursop (*Annona muricata*) Pulp and Drink among Workers in University of Nigeria, Nsukka Community. *Pak. J. Nutr*. Vol 14 (12): 866-70.
- Oparil, S., Amin, Z.M., and Calhoun, D.A., 2003. Pathogenesis of hypertension. *Ann. Internal Med*. Vol 139: 761-76.
- Özyürek, M., Bektaşoğlu, B., Güçlü, K., Apak, R., 2009. Measurement of xanthine oxidase inhibition activity of phenolics and flavonoids with a modified cupric reducing antioxidant capacity (CUPRAC) method. *Anal Chim Acta*. Vol 636(1): 42-50.
- Papadakis, M.A., Stephen J, and Rabow M.W, 2017. *Current Medical Diagnosis and Treatment*, 56th edition. McGrawHill Lange. New York.
- Papadopoulus, D.P., Makris, T.K., and Papademetriou, V., 2008. Is it time to treat prehypertension? to treat prehypertension. *Hypertens. Res*. Vol 31(9): 1681-6.
- Parsa, A., Brown, E., Weir, M.R., Fink, J.C., Shuldiner, A.R., Mitchell, B.D., McArdle, P.F., 2012. Genotype-based changes in serum uric acid affect blood pressure. *Kid. Int*. Vol 81 (5): 502-7.
- Passos, T.U., Sampaio, H.A.D.C., Sabry, M.O.D., Melo, M.L.P.D., Coelho, M.A.M., Lima, J.W.D.O., 2015. Glycemic index and glycemic load of tropical fruits and the potential risk for chronic diseases. *Food Sci. Tech*. Vol 35(1): 66-73.

- Patel, M.S. and Patel, J.K., 2016. A review on a miracle fruits of *Annona muricata*. *J. Phar. Phytochem.* Vol 5(1): 137.
- Perlstein, T., Gumieniak, O., and William, G., 2006. Uric acid and the development of hypertension the normative aging study. *Hypertens.* Vol 48: 1031-6.
- Pimenta, E., Calhoun, D.A., and Oparil, S., 2009. Etiology and pathogenesis of systemic hypertension in: Crawford, M.H., DiMarco, J.P., and Paulus W.J., eds. *Cardiology*, 3rd ed. Mosby. Philadelphia. P: 511-22.
- Pletcher, M.J., Bibbins-Domingo, K., Lewis, C.E., Wei, G.S., Sidney, S., Carr, J.J., Vittinghoff, E., McCulloch, C.E., Hulley, S.B., 2008. Prehypertension during young adulthood and coronary calcium later in life. *Ann. Internal Med.* Vol 149 (2): 91-9.
- Posangi, I., Posangi, J. and Wuisan, J., 2012. Efek ekstrak daun sirsak (*Annona muricata* L.) pada kadar kolesterol total tikus wistar. *J. Biom.* Vol 4(1). <https://ejournal.unsrat.ac.id/index.php/biomedik/article/view/750>. 10 October 2017.
- Pratiwi, Y.I., Purwanti, S. and Damayanti, D.S., 2017. Pengaruh Pemberian secara Subkronik Minyak Atsiri Daun Sirsak (*Annona muricata* Linn.) terhadap Kadar Low Density Lipoprotein (LDL) dan High Density Lipoprotein (HDL) Serum Tikus Wistar. *J.I.M.R.* Vol 1(1). <https://riset.unisma.ac.id/index.php/fk/article/view/491>. 10 October 2017.
- Purwanto, B., 2009. Pathogenesis, etiology, and management of hypertension and nephrotoxic agents. Disampaikan pada *Half Day Simposium: Renal Disease Induced by Nephrotoxic Agents*. Surakarta.
- Ram, C.V., 2014. *Hypertension: A Clinical Guide*. Crc Press Taylor & Francis Group. London.
- Rani, A.A., Soegondo, S., and Nasir, A.U., 2006. *Panduan Pelayanan Medik*. Pusat Penerbitan Departemen Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia. Jakarta.
- Rennke, H.G. and Denker B.M., 2014. *Renal Pathophysiology The Essentials 4th edition*. Wolters Kluwer/Lippincott Williams & Wilkins. Philadelphia
- Rinaldi, M.V.N., Díaz, I.E.C., Suffredini, I.B., Moreno, P.R.H., 2017. Alkaloids and biological activity of beribá (*Annona hypoglauca*). *Revista Brasileira de Farmacognosia*. Vol 27: 77-83.
- Roesli, R.M.A., and Sofiatin, Y., 2017. Epidemiologi hipertensi in: Taruna, Y. and Widyantoro, B. *Buku Ajar Hipertensi*. Perhimpunan Dokter Hipertensi Indonesia. Jakarta.
- Roesli, R.M.A., 2017. Tatalaksana hipertensi: Terapi farmakologis (untuk pelayanan kesehatan primer) in: Taruna, Y. and Widyantoro, B., *Buku Ajar Hipertensi*. Perhimpunan Dokter Hipertensi Indonesia. Jakarta.
- Roy, D., Perreault, M., and Marette, A., 1998. Insulin stimulation of glucose uptake in skeletal muscles and adipose tissues in vivo is NO dependent. *Ame. J. Physio.* Vol 274 (4): E692-9.
- Saleem, U., Ejaz-ul-Haq, M., Chudary, Z. & Ahmad, B. 2017. Pharmacological Screening of *Annona Muricata*: A Review. *Asian J. Agri. Biol.* Vol 5(1): 38-46.

- Sanchez-Lozada L.G., Lanaspa M.A., Cristóbal-García, M., García-Arroyo, F., Soto, V., Cruz-Robles, D., Nakagawa, T., Yu, M.A., Kang, D.H., Johnson, R.J., 2012. Uric acid-induced endothelial dysfunction is associated with mitochondrial alterations and decreased intracellular ATP concentrations. *Nephron. Exp. Nephrol.* Vol 121 : e71-8.
- Sanchez-Lozada L.G., Soto V., Tapia E., Avila-Casado, C., Sautin, Y.Y., Nakagawa, T., Franco, M., Rodríguez-Iturbe, B., Johnson, R.J., 2008. Role of oxidative stress in the renal abnormalities induced by experimental hyperuricemia. *Ame. J. Physio. Ren. Physio.* Vol 295 (4): F1134-41.
- Savoia, C., and Schiffrin, E.L., 2006. Inflammation in hypertension. *Curr. Opini. Nephrol. Hypertens.* Vol 15 (2).
- Sawant, T.P., and Dongre, R.S., 2014. Bio-chemical compositional analysis of *Annona muricata*: a miracle fruit's review. *Int. J. Uni. Phar. Bio. Sci.* Vol 3 (2): 87-93.
- Sharaf El Din, U.A.A., Salem, M.M., and Abdulazim, D.O., 2017. Uric acid in the pathogenesis of metabolic, renal, and cardiovascular disease: a review. *J. Adv. Res.* Vol 8 (5): 537-48.
- Sharifi, N., Souri, E., Ziai, S.A., Amin, G., Amanlou, M., 2013. Discovery of new angiotensin converting enzyme (ACE) inhibitors from medicinal plants to treat hypertension using an in vitro assay. *DARU J Pharm Sci.* Vol 21(1): 74.
- Shi, H.L., Noguchi, N., and Niki, E., 2001. Introducing natural antioxidants in Pokorný, J., Yanishlieva, N., and Gordon, M., *Antioxidants in food: practical applications.* Woodhead Publishing Ltd. Cambridge.
- Siregar, T.G.M., 2003. Hipertensi esensial in: Rilantono dkk (ed). *Buku Ajar Kardiologi.* FKUI. Jakarta.
- Sja'bani, M., Irijanto, F., Prasanto, H., *et al.*, 2010. Soursop juice consumption in kidney disease patient with hyperuricemia. *The 23rd Scientific Meeting of the International Society of Hypertension (ISH)*, Vancouver. Canada.
- Sja'bani M., Nasution R., Irijanto F., *et al.*, 2014. Asam urat tinggi dan asam urat normal tinggi pada kelompok prehipertensi di penelitian Mlati Yogyakarta. *In press.*
- Sja'bani, M., 2014. *Hypertension And Renoprotective Effects of High Serum Uric Acid Treatment. Annual Scientific Meeting 2014 And National Congress XII Indonesian Society Of Nephrology.* Palembang.
- Sja'bani, M., Irijanto, F., dan Prasanto, H., 2014. Soursop consumption supplement in pre and stage 1 hypertension kidney diseases patients with hyperuricemia. *A.P.C.N.* Vol 233.
- Sja'bani, M., Irijanto, F., Prasanto, H., Bawazier, L.A., Zulaela, Harsoyo, S., Tomino, Y., 2014. Soursop consumption supplement in pre and stage 1 hypertension kidney disease patients with hyperuricemia. *Nephrology.* Vol 19 (S2): 186.
- Sobrinho, R.B., Bandeira, C.T., and Mesquita, A.L.M., 1999. Occurrence and damage of soursoppests in northeast Brazil. *Crop. Protect.* Vol 18: 539- 41.

- Soletsky, B., and Feig, D.I., 2012. Uric acid reduction rectifies prehypertension in obese adolescents. *Hypertens.* Vol 60 (5): 1148-56.
- Stain, M., 2010. *Renal disease*. Citizenship and Immigration. Canada. P: 1-76.
- Stevens, L.A., Coresh, J., Greene, T., Levey, A.S., 2006. Assessing kidney function-measured and estimated glomerular filtration rate. *New Eng. J. Med.* Vol 354: 2473-83.
- Sturm, G., Kollerist, B., and Neyer, U., 2008. Uric acid as a risk factor for progression of non-diabetic chronic kidney disease? the mild to moderate kidney disease (mmkd) study. *Exp. Gerontol.* Vol 43: 347-52.
- Suhardjono, 2017. Hipertensi sekunder in: Taruna, Y. and Widyantoro, B. *Buku Ajar Hipertensi*. Perhimpunan Dokter Hipertensi Indonesia. Jakarta.
- Sukandar, E., 2006. *Nefrologi Klinik, Ed III*. Bagian Ilmu Penyakit Dalam Fakultas Kedokteran Unpad / RS. Dr. Hasan Sadikin. Bandung.
- Sulistyaningsih, M.T. 2003. Pengaruh infus daun sukun (*Artocarpus communis forst*) terhadap kadar kolesterol total dan trigliserida serum darah tikus putih (*Rattus norvegicus L.*) hiperglikemik. *Skripsi*. Fakultas Biologi. Universitas Gadjah Mada. Yogyakarta.
- Sundström, J., Sullivan, L., and D'astino, R.B., 2005. Relation of serum to longitudinal blood pressure tracking and hypertension incidence. *Hypertens.* Vol 44: 28-33.
- Sun, H.L., Pei, D., Lue, K.H., Chen, Y.L., 2015. Uric acid levels can predict metabolic syndrome and hypertension in adolescents: a 10-year longitudinal study. *PLoS ONE*. Vol 10 (11).
- Suranto, A., 2011. *Dahsyatnya Sirsak Tumpas Penyakit*. Pustaka Bunda. Jakarta.
- Suriyasa, P., 2004. Tingkat pendidikan menurunkan risiko hipertensi. *Berita Kedokteran Masyarakat*. Vol 20 (4).
- Sutters, M., 2017. Systemic hypertension, in McPhee, S., Papadakis, M.A.(eds). *Current Medical Diagnosis and Treatment*. McGrawHill Lange. New York. P: 439-71.
- Svetkey, L.P., 2005. Management of prehypertentions. *Hypertension*. Vol 45: 1056-61.
- Syahida, M., Maskat, M.Y., Suri, R., Mamot, S. & Hadijah, H. 2012. Soursop (*Anona muricata L.*): Blood hematology and serum biochemistry of sprague-dawley rats. *Int. Food Res. J.* Vol 19(3): 955-9.
- Tala, Z.Z., 2009. Manfaat serat bagi kesehatan. *Skripsi*. Universitas Sumatera Utara. Sumatera Utara.
- Tani, S., Nagao, K., and Hirayama, A., 2015. Effect of febuxostat, a xanthine oxidase inhibitor, on cardiovascular risk in hyperuricemic patients with hypertension: a prospective, open-label, Pilot Study. *Clin. Drug Inves.* Vol 35 (12): 823-31.
- Taylor, L., 2005. *Technical Data Report For Graviola (Annona muricata L.)*. Sage Press. Austin.
- Tia, H.D., Sistiyono, S. & Hendarta, N.Y., 2014. Pengaruh berbagai dosis jus buah sirsak (*annona muricata l.*) terhadap penurunan kadar kolesterol low density lipoprotein (ldl) serum tikus putih (*rattus norvegicus*) dislipidemia. *J. Tekno. Lab.* Vol 3(2): 84-90.

- Tobat, S.R., 2017. Uji efektifitas ekstrak daun sirsak (*annona muricata* l.) dengan menggunakan beberapa jenis pelarut terhadap kadar kolesterol total darah mencit putih jantan. *Ind. Nat. Res. Pharm. J.* Vol 1(2). <http://journal.uta45jakarta.ac.id/index.php/INRPJ/article/view/800>. 10 October 2017.
- Tringali, S., Oberer, C.W., and Huang, J., 2013. Low Diastolic Blood Pressure as a Risk for All-Cause Mortality in VA Patients. *Int. J. Hypertens.* Vol 2013.
- Tugiyanti, E., Heriyanto, S., and Syamsi, A.N., 2016. Pengaruh tepung daun sirsak (*Annona muricata* L.) terhadap karakteristik lemak darah dan daging itik tegal jantan. *Buletin Peternakan UGM.* Vol 40 (3): 211-8.
- Turana, Y., and Juanda, G.N., 2017. Tatalaksana hipertensi: modifikasi gaya hidup in: Taruna, Y. and Widyantoro, B. *Buku Ajar Hipertensi.* Perhimpunan Dokter Hipertensi Indonesia. Jakarta.
- Turana, Y., Widyantoro, B., and Juanda, G.N., 2017. Faktor risiko dan komorbiditas hipertensi in: Taruna, Y. and Widyantoro, B. *Buku Ajar Hipertensi.* Perhimpunan Dokter Hipertensi Indonesia. Jakarta.
- Umme, A., Asbi, B.A., Salmah, Y., Junainah, A.H., Jamilah, B., 1997. Characteristics of soursop natural puree and determination of optimum conditions for pasteurization. *Food Chem.* Vol 58 (2): 119-24.
- Utomo, A.W., Susilaningsih, N., and Armalina, D., 2016. Acute toxicity test of soursop leaves (*annona muricata*) on liver and kidney of switzerland mice. *Sains Medika.* Vol 6 (2): 48-51.
- Vasan, R.S., Larson, M.G., and Leip, E.P., 2001. Impact of high normal blood pressure on the risk of cardiovascular disease. *New Eng. J. Med.* Vol 345: 1291-7.
- Viazzi, F., Rebora, P., Giussani, M., Orlando, A., Stella, A., Antolini, L., Valsecchi, M.G., Pontremoli, R., Genovesi, S., 2016. Increased serum uric acid levels blunt the antihypertensive efficacy of lifestyle modifications in children at cardiovascular risk. *Hypertens.* Vol 67 (5): 934-40.
- Vidal-Petiot, E., Ford, I., Greenlaw, N., Ferrari, R., Fox, K.M., Tardif, J.C., Tendera, M., Tavazzi, L., Bhatt, D.L., Steg, P.G., Cardiovascular event rates and mortality according to achieved systolic and diastolic blood pressure in patients with stable coronary artery disease: an international cohort study. *The Lancet.* Vol 388 (10056): 2142-52.
- Wahjuni, S., Manuaba, P.I.B., Artini, R.N.P., Dwijani, W.S., 2012. Uric acid inhibition activity of *Annona muricata* L. leave extract in hyperuricemia induced wistar rat. *A.P.A.C.* Vol 2 (1): 86-90.
- Wang, J., Qin, T., Chen, J., Li, Y., Wang, L., Huang, H., Li, J., 2014. Hyperuricemia and risk of incident hypertension: a systematic review and meta-analysis of observational studies. *PLoS ONE.* Vol 9 (12): e114259.
- Whelton, P.K., Carey, R.M., Aronow, W.S., Casey, D.E., Collins, K.J., Himmelfarb, C.D., DePalma, S.M., Gidding, S., Jamerson, K.A., Jones, D.W., MacLaughlin, E.J., Muntner, P., Ovbiagele, B., Smith, S.C., Spencer, C.C., Stafford, R.S., Taler, S.J., Thomas, R.J., Williams, K.A., Williamson, J.D., Wright, J.T., 2017. 2017

- ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCN
A Guideline for the Prevention, Detection, Evaluation, and
Management of High Blood Pressure in Adults: A Report of the
American College of Cardiology/American Heart Association Task
Force on Clinical Practice Guidelines. *Hypertens.* 2017.
- Woo, M.H., Chung, S.O., and Kim, D.H., 1999. Cis-annonacin and (2,4)-cis- and
trans-isoannonacins: cytotoxic monotetrahydrofuran annonaceous
acetogenin from the seeds of *annona cherimolia*. *Arch. Pharm. Res.* Vol
22 (5): 524-8.
- World Health Organization (WHO), 2013. *A Global Brief on Hypertension*. World
Health Day 2013.
- Wortman, R.L., 2005. Disorders of purin and pyrimidine metabolism in: Kasper,
D.L., Braunwald, E., Fauci, A.S., *et al.* (eds). *Harrison's Principles of
Internal Medicine*, 16th edition. McGraw-Hill Medical Publishing
Division. New York. Pp: 2308.
- Wu, A.H., Gladden, J.D., Ahmed, M., Ahmed, A., Filippatos, G., 2016. Relation of
serum uric acid to cardiovascular disease. *Int. J. Cardio.* Vol 213: 4-7.
- Wulandari, R.L., Susilowati, S. and Amelya, S., 2015. Pengaruh kombinasi ekstrak
etanol daun sirsak dan gemfibrozil terhadap kadar trigliserida dan hdl
tikus yang diinduksi pakan tinggi lemak. *e-Publikasi Fakultas Farmasi*.
P: 78-84.
- Wurdianing, I., Nugraheni, S.A., and Rahfiludin, Z., 2014. Efek ekstrak daun sirsak
(*Annona muricata Linn*) terhadap profil lipid tikus putih jantan (*Rattus
Norvegicus*). *ejournal.undip.ac.id*. Vol 3 (1): 7-12.
- Xu, W., Huang, Y., Li, L., Sun, Z., Shen, Y., Xing, J., Li, M., Su, D., Liang, X.,
2016. Hyperuricemia induces hypertension through activation of renal
epithelial sodium channel (ENaC). *Metabolism*. Vol 65 (3): 73-83.
- Ye, P., Yang, S., Zhang, W., Lv, Q., Cheng, Q., Mei, M., Luo, T., Liu, L., Chen, S.,
Li, Q., 2013. Efficacy and tolerability of febuxostat in hyperuricemic
patients with or without gout a systematic review and meta-analysis.
Clinical Therapeutics. Vol 35 (2): 180-9.
- Yiying, K., Yongfang, L., Husai, M., Wangyu, L., Ruilian, L., Zhancui, D., 2016.
Uric acid lowering effect of tibetan medicine rupeng15 powder in
animal models of hyperuricemia. *J. Trad. Chi. Med.* Vol 36 (2): 205-
10.
- Yogiantoro, M., 2006. Hipertensi esensial in: Sudoyo dkk (ed). *Buku Ajar Ilmu
Penyakit Dalam Jilid I Edisi IV*. FKUI. Jakarta. P: 610-14.
- Yokoi, Y., Kondo, T., Okumuro, N., Shimokata, K., Osugi, S., Maeda, K.,
Murohara, T., 2016. Serum uric acid as a predictor of future
hypertension: stratified analysis based on body mass index and age.
Preven. Med. Vol 90: 201-6.
- Yokokawa, H., Fukuda, H., Suzuki, A., Fujibayashi, K., Naito, T., Uehara, Y.,
Nakayama, A., Matsuo, H., Sanada, H., Jose, P.A., Miwa, Y., Hisaoka,
T., Isonuma, H., 2016. Association between serum uric acid levels/
hyperuricemia and hypertension among 85,286 japanese workers. *J.
Clin. Hypertens.* Vol 18 (1): 53-9.

- Yokozawa, T., Chung, H.Y., He, L.Q., Oura, H., 1996. Effectiveness of green tea tannin on rats with chronic renal failure. *Biosci. Biotech. Biochem.* Vol 60 (6): 1000-5.
- Yuan, H., Yu, C., Li, X., Sun, L., Zhu, X., Zhao, C., Zhang, Z., Yang, Z., 2015. Serum uric acid levels and risk of metabolic syndrome: a dose-response meta-analysis of prospective studies. *J. Clin. Endocri. Metabolism.* Vol 100 (11): 4198–207.
- Yuliantari, N.W.A., Widarta, I.W.R. and Permana, I.D.G.M., 2017. Pengaruh suhu dan waktu ekstraksi terhadap kandungan flavonoid dan aktivitas antioksidan daun sirsak (*annona muricata* l.) menggunakan ultrasonik. *Media Ilmiah Teknologi Pangan.* Vol 4(1): 35–42.
- Zhu, Y., Pandya, B.J., and Choi, H.K., 2011. Prevalence of gout and hyperuricemia in the US general population: the national health and nutrition examination survey 2007-2008. *Arthri. Rheum.* Vol 63: 3136-41.
- Zurlo, A., Veronese, N., Giantin, V., Maselli, M., Zambon, S., Maggi, S., Musacchio, E., Toffanello, E.D., Sartori, L., Perossonotto, E., Crepaldi, G., Manzato, E., Sergi, G., 2016. High serum uric acid levels increase the risk of metabolic syndrome in elderly women: the PRO.V.A study. *Nutr. Metabolism Cardio. Dis.* Vol 26 (1): 27-35.