

DAFTAR PUSTAKA

- Afifah, M. K., V.R.B.A. Ati.2018.Efek Pemberian Ekstrak Etanol Seledri (*Apium Graveolens L*) terhadap Kerusakan Ginjal Tikus Putih (Srage Dawley) Model Gagal Ginjal Akut. *Laporan Penelitian*. Fakultas Kedokteran, Universitas Jenderal Soedirman(Tidak dipublikasikan).
- Abbasi, M., G.M.Chertow, Y.N.Hall. 2010.End-Stage Renal Disease.*Clinical Evidence*. pp: 1-15.
- Ackland, P., 2013. Prevalence, Detection, Evaluation and Management of Chronic Kidney Disease. In: D. Goldsmith, S. Jayawardene & P. Ackland, eds. ABC of Kidney Disease. West Sussex: John Wiley & Sons, pp. 15-22.
- Amarowicz, R. 2007. Tannins: the New Natural Antioxidants?.*European Journal of Lipid Science and Technology*.109(6): 549-551.
- Aminzadeh MA., S. B. Nicholas, K. C. Norris, N. D. Vaziri. 2013. Role of Impaired Nrf2 Activation in the Pathogenesis of Oxidative Stress and Inflammation in Chronic Tubule-Interstitial Nephropathy. *Nephrol Dial transpl.*
- Andrade, R.G., T. L. Dalvi, J. M. C. Silva,G. K. B. Lopes, A. Alonso, A. Hermes-Lim. 2005. The Antioxidant Effect of Tannic Acid on the In Vitro Copper-mediated Formation of Free Radicals.*Archives of Biochemistry and Biophysics*.437 : 1–9.
- Anggraeni T.,R. Ahmad, K.Liah. 2016. Ekstrak Etanol Seledri (*Apium Graveolens*) Sebagai Anti-Atherogenik Pada Tikus (*Rattus Norvegicus*) Yang Diinduksi Hiperlipidemia. *Journal Prosiding Symbion (Symposium On Biology Education)*171-184.
- Aru, S. 2009. *Buku Ajar Ilmu Penyakit Dalam, Jilid II, Edisi V*. Jakarta: Interna Publishing.
- Bandiyah, S. (2009). *Lanjut Usia dan Keperawatan Gerontik Gejala Gagal Ginjal Akut*.Yogyakarta : Nuha Medika
- Black, J dan J. Hawks. 2014. *Keperawatan Medikal Bedah: Manajemen Klinis untuk Hasil yang Diharapkan*. Dialihbahasakan oleh Nampira R. Jakarta: Salemba Embar Patria.
- Barrett, K. Buku Ajar Fisiologi Kedokteran Ganong [Buku]. - Jakarta : EGC Medical, 2012. - 24th.
- Basile, A., S. Giordano, J. Antonio,L. Sáez, R. Castaldo,Cobianchi. 1999. Antibacterial Activity of Pure Flavonoids Isolated from Mosses. *Phytochemistry*. 52(8): 1479-1482.

- Berawi, K.N. 2009. *Fisiologi Ginjal dan Cairan Tubuh*. Edisi 2. Bandar Lampung : Penerbit Universitas Lampung.
- Bonventre, J.V. and L. Yang. 2011. Cellular pathophysiology of ischemic acute kidney injury. *The Journal of Clinical Investigation*, 121(11), pp.4210-4221.
- Carl A. B.,A. R. Edward. 1994. *Texbook of Clinical Chemisrtry, Edisi II*.
- Couser W.G., G.Remuzzi, S. Mendis, M. Tonelli. 2011, The Contribution of Chronic Kidney Disease to the Global Burden of Major Noncommunicable Diseases. *Kidney Int*; 80(12):1258-1270.
- Dalimartha, S. 2000. *Atlas tumbuhan obat indonesia. Jilid II*. Jakarta: PT. Trubus Agriwidya.
- Das, D.K. 1994. Naturally Occurring Flavonoids: Structure, Chemistry, and High Performance Liquid Chromatography Methods for Separation and Characterization. *Methods Enzymolecular*s. 234: 410–20.
- Fazal, S.S., R. K. Singla. 2012, Review on the Pharmacognosticaland Pharmacological Characterization of Apiumgraveolens Linn. *IndGlob J.PharmaScie*, 2(3) : 258-261.
- Federer, W.T. 1977. *Experimental Design Theory And Application, Third Edition*. New Delhi : Bombay Calcutta, Oxford and IBH Publishing Co.
- Frenesius MC., 2011. *ESRD Patients in 2011 A Global Perspective*. Frenesius Medical Care. Jerman: Fresenius Medical Care Deustchland GmbH
- Ganong, W.F. 2010. *Review of Medical Physiology Ganong's*. New York : The McGraw-Hill Companies. Inc.
- Gupta, S., F. Afaq, H. Mukhtar. 2002. Involvement of Nuclear Factor-Kappa B, Bax and Bcl-2 in Induction Ofcell Cycle Arrest and Apoptosis By Apigenin In Human Prostate Carcinoma Cells. *Oncogene*. 21(23): 3727-3738.
- Guyton A.C., J.E Hall. *Buku Ajar Fisiologi Kedokteran*. Edisi 11. Penterjemah: Irawati, D.Ramadani, F. Indriyani. Jakarta: Penerbit Buku Kedokteran EGC, 2007
- Hudson, J. Q. dan L. D,Wazny. 2014. Chronic Kidney Disease. In: *J. T. Dipiro, ed. Pharmacotherapy and Patophysiology Approach 9th Edition*. New York: McGraw Hill, pp. 633 – 670.

- Hostetler, G.L., K.M.Riedl, S.J.Schwartz. 2012. Endogenous Enzymes, Heat, and pH Affect Flavone Profiles in Parsley (*Petroselinum Crispum* var. *Neapolitanum*) and Celery (*Apium graveolens*) during Juice Processing. *The Journal of Agriculture & Food Chemistry*. 60(1): 202-208
- Indrasari N.D., 2015. *Perbedaan Kadar Ureum dan Kreatinin pada Pasien Gagal Ginjal Kronik Berdasarkan Lama Menjalani Terapi Hemodialisa di RS PKU Muhammadiyah Yogyakarta*, <http://www.perbedaankadarureumdankreatininpasiengk/hemodialisa,rsplkumhmmadiyah,ygt>, Diakses Tanggal 21 Maret 2016.
- Jin, B.H., L.B. Qian, S. Chen, J. Li, H.P. Wang, I.C. Bruce, J. Lin, Q. Xia. 2009. Apigenin Protects Endothelium-Dependent Relaxation Of Rat Aorta Against Oxidative Stress. *Europe Journal of Pharmacology*.616: 200-205.
- Jing, H., L. Zilin, X. Li-ting, S. Ai-jun, F. Xiao-yan, Z. Li, J. Lin-lin, L. An-dong, D. Yi-fei. 2014. Protective Effect of Apigenin on Ischemia/Reperfusion Injury of the Isolated Rat Heart. *Cardiovascular Toxicology*. 15(3): 241-249.
- Jung, W. S., I. M.Chung. S. H. Kim, M.Y. Kim, A. Ahmad, N. Praveen .2011. In Vitro Antioxidant Activity, Total Phenolics and Flavonoids from Celery (*Apium Graveolens*) Leaves. *Journal of Medicinal Plants Research*. 5(32) : 7022-7030.
- Kanazawa, K., M. Uehara, H. Yanagitani, T. Hashimoto. 2006. Bioavailable Flavonoids to Suppress the Formation Og8-OHdG in HepG2 Cells. *Archives of Biochemistry and Biophysics*. 455(2): 197-203.
- Karamać, M. 2009. In-vitro Study on the Efficacy of Tannin Fractions of Edible Nuts As Antioxidants.*European Journal of Lipid Science and Technology*.111(11): 1063-1071.
- Kidney Disease: Improving Global Outcomes (KDIGO) CKD Work Group. KDIGO 2012 Clinical Practice Guideline for the Evaluation and Management of Chronic Kidney Disease. *Kidney Inter. Suppl.* 2013; 3: 5.
- Kidney International Organization. 2013. *KDIGO Clinical Practice Guideline for the Diagnosis, Evaluation, Prevention, and Treatment of Chronic Kidney Disease-Mineral and Bone Disorder (CKD-MBD)*. Diakses <http://www.nature.com/ki/journal/v76/n113s/full/ki2009189a.html>. Pada tanggal 21 September 2014. World Kidney Day: Chronic Kidney Disease. 2015; <http://www.worldkidneyday.org/faqs/chronic-kidney-disease/>
- Krauss, A.G danL. J. Halk. 2000. *Chronic Renal Disease*.In : Herfindal, E.Tdan D.R. Gourley. *Textbook of Therapeutic Drug and Disease Management*, Ed. 7th, Vol. 1. Philadelphia: Lippincott Williams & Wilkins.

- Kooti, W., D. Nahid. 2017. A Review of the Antioxidant Activity of Celery (*Apium graveolens L.*). *Journal of Evidence-Based Complementary and Alternative Medicine*. 22(4); 1029-1034.
- Kosnadi, L. 2009. *Uropati Obstruktif. Dalam: Alatas, H., Tambunan, T., Trihono, P.P., Pardede, S.O. Buku Ajar Nefrologi Anak. Edisi 2.* Jakarta: Balai Penerbit FK UI
- Kusumawati, D. 2004. *Bersahabat dengan Hewan Coba.* Yogyakarta: Gadjah Mada University Press.
- Layal, K. 2017. Peran Nrf2 Dalam Patogenesis Stres Oksidatif dan Inflamasi pada Penyakit Ginjal Kronik. *Syifa Medik.* Vol. 7 (No.1) Hlm. 16-24.
- Levin, A., B. Hemmelgarn, B. Culleton, S. Tobe, P. McFarlane, M. Ruzicka, et al. 2008. Guidelines for the Management of Chronic Kidney Disease. *CMAJ* 179(11): 1154-1162.
- Lindenmeyer, F., H. Li, S. Menashi, C. Soria, H. Lu. 2001. Apigenin Acts on the Tumor Cell Invasion Process and Regulates Protease Production. *Nutrition and Cancer* 39(1): 139-147.
- Lopez N., M. Jose, M.S. Carlos, B. Ana, J.L.H. Francisco. 2010. CommonPathophysiological Mechanism of Chronic Kidney Disease: TherapeuticPerspectives. *Pharmacology and Therapeutics*: 128; 61-81
- Lorraine M., W.,A. P.Sylvia. 2002. *Patofisiologi Konsep Klinis Prosesproses Penyakit Volume 2Cetakan I.* Jakarta: EGC.
- Manitto, P. 1992. *Biosintesis Produk Alami.* Tejemahan Koensoemardiyyah dan Sudarto. New York: Ellis Horwood Limited.
- Mesia-Vela, S., C. Souccar, M.T.R. L. Landman, A.J. Lapa. 2004. Pharmacological Study of Stachytarpheta Cayennensis Vahl Inrodents. *Phytomedicine*. 11: 616-624.
- Meyer, H., A. Bolarinwa, G. Wolfram, J. Linseisen. 2006. Bioavailability of Apigenin from Apiin-Rich Parsley in Humans. *Annals Nutrition and Metabolism*. 50(3): 167-172.
- Mirutka B.M. 1981. *Clinical Biochemical and Haematological References Value in Normal Experimental Animal and Normal Human. Second Edition.* Chichago: Book Medical Publisher Inc.
- Moore, KL. 2002. *Anatomi Klinis Dasar.* Jakarta: Hipokrates. hlm. 109-111.

- Muzakar,& Nuryanto. 2012. Pengaruh Pemberian Air Rebusan Seledri Terhadap Penurunan Tekanan Darah Pada Penderita Hipertensi. *Jurnal Pembangunan Manusia* 6(1).
- Nadkarni, K.M. and A.K. Nadkarni. 1976. *Indian Materia Medica*, 3rd ed. Bombay: Dhoot Papeshwar Prakashan Ltd.
- Nijveldt, R. J., E. V. Nood, D. E. V. Hooin, Boelens, P. G., K. V. Norren, P. A. V. Leeuwn. 2001. Flavonoids: a Review Of Probable Mechanisms of Action and Potential Applications. *The American Society for Clinical Nutrition*. 74 (4): 418-25.
- National Kidney Foundation.*KDOQI Clinical Practice Guidelines for Chronic Kidney Disease: Evaluation, Classification and Stratification Cardiovasculer Disease in Dialysis Patient*. (2007). New York: NKF. Am J Kidney Dis 39 (2 suppl 1) : S1-S266. Retrieved Maret 2013, from http://www.kidney.org/professionals/kdoqi/pdf/ckd_evaluation_classification_stratification.pdf
- National Kidney Foundation. 2013. *Coping with the Five Side Effects of Dialysis*. Diakses dari <http://www.kidney.org/news/ekidney/january12/top5> Diunduh pada 21 Septermber 2014.
- Osbourn, A., K. Papadopoulou, T. Moses. 2014. Metabolic and Functional Diversity of Saponins, Biosynthetic Intermediates and Semi-Synthetic Derivatives. *Critical Reviews in Biochemistry and Molecular Biology*. 49(6): 439–462
- Popović, M., B. Kaurinovic, S. Trivic, N. Mimica-Dukic, M. Bursac. 2006. Effect of Celery (*Apium Graveolens*) Extracts on Some Biochemical Parameters of Oxidative Stress in Mice Treated With Carbon Tetrachloride. *Phytotherapy Research*. 20 (7) : 531-537.
- Prodjosudjadi W, Suhardjono, K. Suwitra K. 2009. Detection and Prevention Of Chronic Kidney Disease in Indonesia: Initial Community Screening. *Nephrology WileyOnlineLibrary*. 14(7):669-674.
- Price, S. A. dan L. M. Wilson. 2006. *Patofisiologi : Konsep Klinis ProsesPenyakit*, Edisi 6, Volume 1. Jakarta: EGC.
- Perhimpunan Nefrologi Indonesia. *8th Report Of Indonesian Renal Registry 2015*. Available from :www.pernefri-inasn.org
- Riset Kesehatan Dasar(Riskesdas). (2013). Badan Penelitian dan Pengembangan Kesehatan Kementerian RI tahun 2013.Diakses: 19 Oktober 2014, dari <http://www.depkes.go.id/resources/download/general/Hasil%20Riskesda s%20 2013.pdf>.

- Rahmawati, G., F. N.Rachmawati, H. Winarsi. 2014. Aktivitas Superoksid Dismutase Tikus Diabetes yang Diberi Ekstrak Batang Kapulaga dan Glibenklamid.*Scripta Biologica*. 1(3) : 19-23.
- Rehman, A.U., H. Ishaq, M. Furqan, D. Sheikh, M. L. Raza, B.S.Naqvi, T. Mehmood. 2016. Comparative Study of Ethanolic And Aqueous Extracts Of Apium Graveolens L Root With Furosemid Its Diuretic Activity &Excretion Of Urinary Metabolities in Wistar Rats. *Science International Lahore*. 28(3) : 2503-2507
- Rukmana, R. 2001. *Bertanam Seledri*. Kanisius: Yogyakarta.
- Ruiz. S, Pergola P.E., R. A. Zager, N. D. Vaziri. 2013. Targeting the Transcription Factor Nrf2 to Ameliorate Oxidative Stress and Inflammation in Chronic Kidney Disease.*Kidney Int.* 83(6): 1029- 1041.
- Saefudin, S. Marusin, Chairul. 2013. Antioxidant Activity on Six Species of Plants.*Jurnal Penelitian Hasil Hutan*. 31 (2) : 103-109
- Samuelson, A.B. 2000. The Traditional Uses, Chemical Constituents And Biological Activities of Plantago Major L.A. Review.*Journal Ethnopharmacology*. 71(1-2): 1-21.
- Sari, P. E., S. B. I.Simanjuntak, H. Winarsi. 2014. Aktivitas Enzim Superoksid Dismutase Tikus Diabetes yang Diberi Ekstrak Daun Kapulaga Amomum cardamomum. *Scripta Biologica*. 1(3) : 15-18.
- Surya, I. dan L. Septian. 2009. *Hubungan Stres Oksidatif (Malondialdehid Plasma), Marker Inflamasi (Interleukin-6 dan R-reactive Protein Plasma) dengan Kualitas Hidup pada Penderita Gagal Ginjal Kronik yang Menjalani Hemodialisis Rutin*. Universitas Gadjah Mada. Yogyakarta.
- Sherwood, L. 2014. *Fisiologi Manusia Ed. 8*. Jakarta: EGC.
- Shivraj, D., Bandivadekar, R. M. Kangralkar, V., Patil,. 2010, Oxidative Stress and Kidney Disease. *Curr Vasc Pharmacol* 8 (1) : 122-128.
- Simanjuntak, K. 2012. Peran Antioksidan Flavonoid Dalam meningkatkan Kesehatan. *Bina Widya* 23(3): 135-140.
- Singh, A.P. and S.S Handa. 1995. Hepatoprotective activity of Apium graveolens and Hygrophila auriculata against paracetamol and thioacetamide intoxication in rats. *Journal of Ethnopharmacology*.49 (3): 119–126.
- Small DM., J.S. Coombes, N. Bennet, D. W. Johnson, G.C. Gobe. 2012. Oxidative Stress, Anti-Oxidant Therapies and Chronic Kidney Disease. *Nephrol* 2012; 17:311-321.

- Snell, R.S. 2006. *Anatomi Klinik untuk Mahasiswa Kedokteran*. Jakarta: EGC.
- Sudoyo, A.W., Setiyohadi, B., Alwi, I., Simadibrata, M., Setiati, S. 2014. *Buku Ajar Ilmu Penyakit Dalam Jilid II edisi V*. Interna Publishing, Jakarta
- Sukketsiri, W., Chonpathompikunlert, P., Tanasawet, S., Choosri, N., Wongtawatchai, T. 2016. Effects of *Apium graveolens* Extract on the Oxidative Stress in the Liver of Adjuvant-Induced Arthritic Rats. *Preventive Nutrition Food Scencei*. 21(2) : 79–84.
- Susilawati H. L., S. Listyawati, Sutarno.(2003). Analisis Kimia Fisik Urin Tikus Putih Setelah Pemberian Ekstrak Daun Seledri (*Apium Graveolens Linn*). *Journal Of Biosmart Vol 5(1)*, 43-36.
- Suwitra K. *Penyakit Ginjal Kronik*. In: Sudoyo AW, Setiyohadi B, Alwi I, et al.,. 2009. *BukuAjar Ilmu Penyakit Dalam 3rd ed*. Jakarta: InternaPublishing.
- Tuhu, P. 2008. Efek Analgetika Ekstrak Etanol Daun Kayu Putih (*Melaleuca leusadendron L*) pada Mencit Jantan. *Skripsi*. Surakarta: Fakultas Farmasi Universitas Muhammadiyah Surakarta. (Tidak dipublikasikan)
- United States Renal Data System. 2014. *2014 USRDS Annual Data Report, Volume 2: End-Stage Renal Disease*.
- Willem, R. A. 2009. Regulatory Issues Regarding the Use Of Food And Waterrestriction in Laboratory Animals. *Lab Anim Journal*. 38 (10); 325-8.
- Wilson L.M., *Pengobatan Gagal Ginjal Kronik*. Dalam: Hartanto H., N. Susi, P. Wulansari, D. A. Mahanani editor. *Patofisiologi Konsep Klinis Proses - Proses Penyakit*. 6 ed. Vol 2. Jakarta: EGC; 2006. hlm. 965-978.
- World Health Organization (WHO). 2009. Global Health Risk. http://www.who.int/healthinfo/global_burden_disease/GlobalHealthRisks_report_full.pdf. [diakses tanggal 8 September 2012].
- Yokozawa, T., C.P. Chen, E. Dong, T. Tanaka, G.I. Nonaka, I. Nishioka. 1998. Study on the inhibitory effect of tannins and flavonoids against the 1,1-diphenyl-2-picrylhydrazyl radical. *Biochemistry Pharmacology*. 56(2): 213-222.
- Zhang, Y.H., Y.S. Park, T.J. Kim, L.H. Fang, H.Y. Ahn, J.T. Hong, Y. Kim, C.K. Lee, Y.P. Yun. 2000. Endothelium-dependent vasorelaxand and antiproliferative effects of apigenin. *General Pharmacology*. 25(6): 341-347.