

DAFTAR PUSTAKA

- Akpomie OO. (2010). The preservative potentials of sweet orange seed oil on leather products in Nigeria. *African J Biotech*, 9(5), 678-681.
- Alam, M. A., Subhan, N., Rahman, M. M., Uddin, S. J., Reza, H. M., Sarker, S. D. (2014). Effect of Citrus Flavonoids, Naringin and Naringenin, on Metabolic Syndrome and Their Mechanisms of Action. *American Society for Nutrition. Adv. Nutr.* 5: 404-417.
- Arief, S. (2007). Radikal bebas. *Ilmu Kesehatan Anak FK UNAIR*.
- Arinola O.G., Akinosun O.M. & Olaniyi J.A. (2011). Passive- and active cigarette smoking : Effects on the levels of antioxidants vitamins, immunoglobulin classes and acute phase reactants. *African J Biotech*, 10, 6130-6132.
- Astuti, S., Muchtadi, D., Astawan, M., Purwantara, B. & Wresdiyati, T. (2008). Kadar peroksidasi lipid dan aktivitas superoksida dismutase (SOD) testis tikus yang diberi tepung kedelai kaya isoflavon, seng (Zn) dan vitamin E. *Majalah Kedokteran Bandung* 40(2) (In Press).
- Badan pengawas obat dan makanan. (2004). Keputusan Kepala Badan Pengawas Obat dan Makanan Republik Indonesia Nomor HK.00.05.3.1.3322 tentang tata laksana produk rokok yang beredar dan iklan.
- Birben, E., Sahiner, U. M., Sackensen, C., Erzurum, S., Kalayci, O. (2012). Oxidative stress and antioxidant defense. *WAO Jurnal*.
- Cavia-Saiz, M., Busto, M.D., Pilar-Izquierdo, M.C., Ortega, N., Perez-Mateos, M., Muñiz, P. (2010). Antioxidant properties, radical scavenging activity and biomolecule protection capacity of flavonoid naringenin and its glycoside naringin: a comparative study. *J Sci Food Agric* 90:1238-44.
- Cedergren J, Forslund T, Sundqvist, T., Skogh T. (2007). Intracellular oxidative activation in synovial fluid neutrophil from patient with rheumatoid arthritis but not from other arthritis patients. *J Rheumatol*, 34, 2162-2170.
- Ciftci, M., Simsek, U.G., Dalkilic, B., Azman, M.A., Yilmaz, O., Mutlu, S.I., *et al.* 2016. Effect of dietary orange peel extract on physiological, biochemical, and metabolic responses of Japanese quail reared under low ambient temperature. *Turkish Journal of Veterinary and Animal Sciences*, 40: 288-297.

- Dikaningrum, Y. (2013). Pengaruh pemberian sari tomat (*Solanum lycopersicum*) terhadap kadar MDA (*malondyaldehid*) pada hewan uji yang diinduksi asap rokok. Skripsi tidak diterbitkan. Yogyakarta : FKIK UMY.
- Erukainure, O. L., Ajiboye, J. A., Davis, F. F., Obabire, K., Aliyu, M. (2012). Effect of orange (*Citrus sinensis*) peel oil on lipid peroxidation, catalase activity and hepatic biomarker levels in blood plasma of normo rats. *Journal of biomedical and pharmaceutical research*, 1 (1), 16-23.
- Etebu, A., Nwauzoma, A. B. (2014). A review on sweet orange (*Citrus sinensis* L osbeck): health, diseases and management. *American Journal of Research Communication*, 2(2), 33-70.
- Fatwa Majelis Tarjih dan Tajdid Pimpinan Pusat Muhammadiyah No.6/SM/MTT/III/2010 Tentang Hukum Merokok.
- Firdaus, R. N. (2011). Efek hepatoprotektif jus belimbing wuluh (*Averrhoa bilimbi* Linn.) terhadap kadar MDA (Malondialdehyde) tikus putih yang diinduksi karbon tetraklorida. Skripsi tidak diterbitkan. Yogyakarta : FKIK UMY.
- Fitria , Triandhini R.I.N.K R., Mangimbulude J. C., Karwur, F. F. (2013). Merokok dan oksidasi DNA. *Sains Medika*, 5 (2), 113-120.
- Fraley, A. (2010). Citrus peel benefits, The American University of Washington, DC. June (2010).
- Goudeau, D., Uratsu, S. L., Inoue, K., daSilva, F. G., Leslie, A., Cook, D., Reagan, L. & Dandekar, A. M. (2008). Tuning the orchestra: Selective gene regulation and orange fruit quality. *Plant Science*, 174, 310–320.
- Grotto D., Barcelos, J. valentine, L.M. antunes, J.P, angeli, & S.C Garcia. (2009). Low levels of methylmercury induce DNA damage in rats : pprotective effect of selenium. *Arch toxicol journal*, 83, 249-5.
- Haris, A., Ikhsan, M., Rogayah, R. (2012). Asap rokok sebagai bahan pencemar dalam ruangan. *CDK-189/ vol. 39* no.1.
- Halliwell, B., J.M.C. Gutteridge. 1999. *Free Radicals in Biology and Medicine*. Oxford University Press. New York.
- Hegazy, A. E., Ibrahim, M. I. (2012). Antioxidant activities of orange peel extract. *World Applied Sciences Journal*, 18(9), 684-688.

- Hou, M., Man, M., Man, W., Zhu, W., Hupe, M., Park, K., *et al.* (2012). Topical hesperidin improves epidermal permeability barrier function and epidermal differentiation in normal murine skin. *Dermatol*; 21(5): 337-40.
- Indonesian Food and Nutrition Progress (2000) Vol. 7 No. 2
- Jacobs, M. (1995). *From the First to the Last Ash: the History, Economics & Hazards of Tobacco*. Massachusetts : Department of Public Health grant to The Cambridge Tobacco Education Program.
- Jain, D. P., Somani, R.S.(2014). Hesperidin ameliorates streptozotocin and high-fat diet induced diabetic nephropathy in rats. *J Exp Integr Med*.
- Jovanovic, S.V., Steenken, S., Tosic, M., Marjanovic, B., Simic, M.G. (1994). Flavonoids as anti-oxidants. *J Am Chem Soc* 116(11): 4846-51.
- Klimczak I, Małecka M, Szlachta M, Gliszczyńska-Świgło A. (2007). Effect of storage on the content of polyphenols, vitamin C and the antioxidant activity of orange juices. *J Food Compos Anal* 20, 313-322.
- Kumar R., Prakash S., Kushwah A. S. & Vijayan V.K. (2010). Breath carbon monoxide concentration in cigarette and bidi smokers in India. *The Indian Journal of Chest Diseases & Allied Sciences*, 52, 19-24.
- Kumar S., Mahat R.K. & Batra J. (2015). Evaluation of lipid parameters, liver function test, CRP and MDA (as a marker of lipid peroxidation) in chronic cigarette smokers. *International Journal of Biomedical and Advance Research*, 6 (02), 115-119.
- Kuntic, V., Brboric, J., Holclajtner-Antunovic, I., Uskokovic-Markovic. S. (2014). Evaluating the bioactive effects of flavonoid hesperidin – A new literature data survey. *Vojnosanit Pregl*; 71(1): 60–65.
- Kurniawati, E., Lestari, E. E. (2016). Uji Efektivitas Daun Belimbing Wuluh (*Averrhoa bilimbi* L.) Sebagai Pengobatan Diabetes Melitus. *Majority*, Volume 5 Nomor 2.
- Kusuma, A. S. W. (2015). The Effect of Ethanol Extract of Soursop Leaves (*Annona muricata* L.) to Decreased Levels of Malondialdehyde . *J MAJORITY*, 4 (3), 14-18.

- Latifa, K. I. (2015). Profil Kadar MDA (Malondialdehyde) Pada Tikus yang diberikan Ekstrak Herba Thymi (*Thymus Vulgaris* [L.]). Skripsi diterbitkan. Surakarta : Fakultas Farmasi UMS.
- Maher P, Akaishi T. Abe K. (2006). Flavonoid fisetin promotes erk dependent long term potentiation and enhances memory. *PNAS.*; 103(44):16568-73
- Milind, P., Dev, C. (2012). Orange : range of benefit. *International Research Journal of Pharmacy*, 59-63.
- Mostafa, F. A., Salem, A. A., Elaby, S. M., Nail, S. N. (2015). Protective Activity of Commercial Citrus Peel Extracts against Paracetamol induced Hepato-nephro Toxicity in Rats. *Journal of Chemical, Biological and Physical Sciences*, 70-83.
- Nanda, M. R. (2010). Efek pemberian minyak zaitun terhadap kadar malondialdehyde (MDA) plasma tikus putih terinduksi karbon tetraklorida (CCL₄). Skripsi tidak diterbitkan. Yogyakarta : FKIK UMY.
- Nandakumar, N.; Balasubramanian, M.P. (2012). Hesperidin a citrus bioflavonoid modulates hepatic biotransformation enzymes and enhances intrinsic antioxidants in experimental breast cancer rats challenged with 7,12-dimethylbenz (a) anthracene. *J. Exp. Ther. Oncol.*, 9, 321–335.
- Nurhayati I. (2012). Bahaya Rokok bagi Tubuh. *SKM JK eM-U*, 4 (12) , 32 – 36.
- Oktavianis. (2011). Efek pemberian asap rokok terhadap tikus putih. Skripsi: Universitas Andalas Padang.
- Omotoso, G. O., Enaibe, B. U., Akinola, O. B., Kadir, R. E., Akinlolu, A. A., Oyew, A. O., *et al.* (2012). Lipid Profile and Liver Histochemistry in Animal Models Exposed to Cigarette Smoke. *Journal of Basic & Applied Sciences*, 8, 12-17.
- Padmaningrum, R. T. (2007). Rokok mengandung zat adiktif yang berbahaya bagi kesehatan. *Juridik kimia UNY*.
- Palyoga, H., Aulanni'am, Wuragil D. K. (2012). Pengaruh pemberian ekstrak biji anggur (*Vitis vinifera*) terhadap ekspresi tumor nekrosis faktor alfa (TNF- α) dan gambaran histopatologi jantung pada hewan model tikus putih (*Rattus norvegicus*) yang diberi paparan asap rokok. Skripsi : Universitas Brawijaya.

- Pantsulaia, I., Iobadze, M., Pantsulaia, N., Chikovani, T. (2014). The Effect of Citrus Peel Extracts on Cytokines Levels and T Regulatory Cells in Acute Liver Injury. *BioMed Research International Article ID 127879*, 7 pages.
- Park, J.H., Lee, M., Park, E. (2014). Antioxidant Activity of Orange Flesh and Peel Extracted with various Solvents. *Prev. Nutr. Food Sci.* 19 (4), 291-298.
- Permatasari F.R., Marhendra A. P. W., Aulanni'am. (2013). Studi terapi ekstrak kulit buah manggis (*Garcinia mangostana* L.) terhadap penurunan kadar malondialdehyde (MDA) pada organ testis dan jumlah spermatozoa tikus (*Rattus norvegicus*) hasil induksi paparan asap rokok. Karya Tulis Ilmiah strata satu Program Studi Kedokteran Hewan, Universitas Brawijaya, Malang.
- Priyanto.(2010). *Toksikologi, mekanisme, terapi antidotum, dan penilaian risiko*. Depok : Leskonfi (Lembaga Studi dan Konsultasi Farmakologi).
- Rahman, T., Hosen, I., Islam, M. M. T., Shekhar, H. U. (2012). Oxidative stress and human health. *Bioscience and Biotechnology University of Dhaka*, 3, 997-1019.
- Redha, A. (2010). Flavonoid: Struktur, Sifat Antioksidatif Dan Peranannya Dalam Sistem Biologis. *Jurnal Belian Vol. 9 No. 2: 196 - 202*.
- Seven A, Guzel S, Aslan M, Hamuryudan V. (2008). Lipid, protein, DNA oxidation and antioxidant status in rheumatoid arthritis. *Clin Biochem*, 41, 538-43.
- Singh S, Immanuel G (2014) Extraction of Antioxidants from Fruit Peels and its Utilization in Paneer. *J Food Process Technol* 5: 349.
- Utami, A. F., Wardoyo, A.Y. P., Hidayat, A. (2014). Pengukuran faktor emisi gas karbon monoksida dan karbon dioksida pada asap mainstream rokok non filter. Karya Tulis Ilmiah strata satu jurusan fisika FMIPA, Universitas Brawijaya, Malang.
- Widowati, W. (2005). Penapisan Aktivitas Superoksida Dismutase pada Berbagai Tanaman. *JKM. Vol. 5, No.1*.
- World Health Organization. (2011). Global Adult Tobacco Survey, Indonesia Report.

- World Health Organization. (2011). Global Tobacco Epidemic.
- World Health Organization. (2008). WHO Report on the global tobacco epidemic, , the mpower package.
- Youssef, M. K. E., Youssef, H. M. K. E., Mousa, R. M. A. (2014). Evaluation of Antihyperlipidemic Activity of Citrus Peels Powders Fortified Biscuits in Albino Induced Hyperlipidemia. *Food and Public Health*, 4(1), 1-9.
- Yuan, H., Wong LS, Battacharya M, Ma C., Zafarani M., Yao M., *et al.* (2007). The effect of second-hand smoke on biological processes important in atherogenesis. *BMC cardiovascular disorder*, 7;1.
- Zhou, X., Zhao, L., Mao, J., Huang, J., Chen, J. (2015). Antioxidant Effects of Hydrogen Sulfide on Left Ventricular Remodeling in Smoking Rats Are Mediated via PI3K/Akt-Dependent Activation of Nrf2 *Toxicological Sciences* Vol. 144, No.1
- Zulkifli, K.S., Abdullah, N., Abdullah, A., Aziman, N dan Kamarudin S.S.W. (2012). Bioactive phenolic compound and antioxidant activity of selected fruits peels. *International Conference on Environment, Chemistry and Biology*, 49, 66-70.