

DAFTAR PUSTAKA

- Akbar. B. 2010. Tumbuhan Dengan Kandungan Senyawa Aktif Yang Berpotensi Sebagai Bahan Antifertilitas. Jakarta : Adabia Press pp 6-7.
- Ali, Zainuddin, 2000. *Metode penelitian hukum*. Jakarta :Sinar Grafik.
- Al-Hajja, Rania W. M. *Main Cause Of Infertility among Men Treated at Razan Centers in west Bank : Retrospective Study*. Thesis. An Najah National University Faculty Of Graduate Studies. 2011.
- Amic D, Davidovic A, Beslo, Trinajstc. Structure-Radical Scavenging Activity Realition Ship Of Flavonoids, *Croatia Chemica Acta*. 2003; 76 (1) 55-61.
- Andrology Australia. Male Infertility a Child of My Own. Australia; Andrology Australia; 2011.
- Astuti, Sussi. 2009. Pengaruh pemberian Tepung kedelai Kaya isoflavon Terhadap Kadar *Malonaldehyde* (MDA), Aktivitas Superoksida Dismutase (SOD) Testis Dan Profil Cu, Zn-SOD Tubuli Seminiferi Testis Tikus Jantan. *Jurnal Teknologi dan Industri Pangan*.10(2): 129-134.
- Bensoussan et al. 1998 . Pengaruh Pemberian Tepung Kedelai Kaya Isoflavon, Seng (Zn) dan Vitamin E Terhadap Kualitas Spermatozoa Tikus Jantan. Institut Pertanian Bogor.
- Burlakova, E. B., Zhizhina, G. P., Garevich, S. M., Fatkulina, L.D., 2010. Biomarkers of Oxidative Stress and Smoking in Cancer Patients. *Russia. J. Cancer Res. Ther.* Vol. 6: 47.
- Bloom William, Don W. Fawcett. 2002. *Buku ajar histologi*. Edisi 12. Terjemahan Jan Tambayong. Jakarta: EGC.
- Blokhina, Ogunnowo S, Rita A.O. Antioxidant, Oxidative Damage And Oxigen Deprivation A Stress: A Riview. Departemen As Biosciences University Finland. 2003; 19: 179194.
- Chain, Lin M, Tang C, Chen H. Testosteron depletion by castration may protect mice from heat-induced multiple organ damage and lethality. *National Cheng Kung University School of Medicine Tainan Taiwan*. 2009; 10:1156-1164.
- Darszon A, labarca P, Nishigaki T, Espinosa F. *Ion Channels in sperm physiology*. Physiological reviews printed in U.S.A. 1999; 79: 22-99.
- Devlin, T. M., 2006, *Textbook of Biochemistry: with Clinical Correlations*, Sixth Edition, 707-717, John Wiley and Sons, inc. Pp, New York.
- Dewi DRL, Andriani. Hubungan Perilaku Merokok dengan Kejadian Strok di Bagian Saraf RSU Dokter Soedarso Pontianak Periode Juni-Juli 2012. 2014; 1: 1-14.
- Dungir, Stevi G. Dewa G, Katja dan Vanda S, Kamu. 2012. Aktivitas Antioksidan Ekstrak

Fenolik dari Kulit Buah Manggis (*Garcinia mangostana* L.). *Jurnal Mipa Unsrat*. 1(1): 11-15.

Evans w.j vitamin e, vitamin c and exercise. *Am journal clin nutr*. 2000.

Fidrianny, I., Supradja, I.G.N.A., dan Soemardji, A.S., (2004), Analisis nikotin dalam asap rokok dan filter rokok.

Fowles, J. Bates, M. 2000. *The Chemical Constituents in Cigarettes and Cigarette Smoke : Priorities For Harm Reduction*. Epidemiology and Toxicology

Frei. 1994. *Reactive Oxygen Species and Antioxidant vitamins: Mechanisms of Action* (American Jurnal Medicine). Excerpta Medica Inc. Group. New Zealand : Kenepuru Science Centre.

Ganong, W. F. 2008. *Buku Ajar Fisiologi Kedokteran*. Edisi 22. Jakarta: EGC.

Gitawati, R. 1995. Radikal bebas sifat dan peran dalam menimbulkan kerusakan/ kematian sel. *Cermin Dunia Kedok*. 102:33-36.

Guyton A. C And J.E Hall. 2007. *Buku Ajar Fisiologi Kedokteran*. Edisi 9. Jakarta : EGC

Greenspan A. C, Hall J.E. 2014. *Text book of medical physiology*. USA. Saunder Elsevier.

Halliwell, B and Gutteridge J.M.C. 2007. *Free Radicals in Biology and Medicine* Fourth Edition. New York: Oxford University Press.

Hanafiah. (2012). *Konsep Strategi Pembelajaran*. Bandung: Refika Aditama.

Husen & Sastramihardja, 2012. Efek Hepatoprotektif Rosella (*Hibiscus Sabdariffa* L) Pada Tikus Model Hepatitis. Vol. 44 no.2. Universitas Padjadjaran Bandung.

Intani, Yuniar. 2010. Pengaruh Timbal (Pb) Pada Udara Jalan Tol Terhadap Gambaran Mikroskopis Testis dan Kadar Timbal (Pb) Dalam Darah Mencit BALB/Jantan. *Laporan Akhir Karya Tulis Ilmiah*. Semarang: Universitas Diponegoro.

Iswara A. Pengaruh Pemberian Antioxdan Vitamin C Dan Vitamin E Terhadap Kualitas Spermatozoa Tikus Putih Terpapar Allethrin. Universitas Negeri Semarang. 2009.

Junqueira, L. C., Jose Carneiro, Robert O, K, 2007, *Histologi Dasar edisi ke-8*. Jakarta: EGC, Hal 419-432.

Kim, H. J., Choi, H. K., Moon, J. Y., Kim, Y. S. Mosaddhik, A., Cho, S. K. (2011). Comparative antioxidant and antiproliferative activities of red and white pitayas and their correlation with flavonoid and polyphenol content. *Journal of Food Science*. 76: C38- C45.

Kusumawati, D., 2004, *Bersahabat dengan Hewan Coba*, Gajah Mada Press, Yogyakarta

Kristanto. 2008. *Buah Naga Pembudidayaan di Pot dan di Kebun*. Penebar Swadaya. Jakarta.

Liaotrakoon, W. (2013). Characterization of dragon fruit (*Hylocereus* spp.) components with valorization potential. (PhD thesis), Ghent University, Belgium, 217 p.

Linder, M.C. 2006. *Biokimia Nutrisi dan Metabolisme*. Universitas Indonesia. Jakarta.

Le Bellec, F., Vailant, F., Imbert, E. 2006. Pitahaya : A new fruit crop a market a future. *Fruits*, 61:237-250

Leda, Camila B. R, Maycon M, Reboredo, Vinicus C, Faria, Rita C.S. Assesment of sperm production and reproductive organs of wistar rats to long-term exposure of *Caesalpinia ferrea*. *Universidade Federal de Juiz de Fora Bairro Brasil*. 2010; 82(4): 907-914.

Lenny, S., 2006, *Senyawa Terpenoida dan Steroida*. Medan. Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Sumatera Utara.

Leeuwenburgh, C., Heinecke, J.W. (2001) Oxidative Stress And Antioxidant In Exercise *Cuurent Medical Chemistry*, 8,829-838.

Mahattanatawee, K.A.M., Anthey, J.O.H.N.A.M., Uzio, G.A.R.Y.L., Alcott S.T.T.T., Oodner, K.E.G., Aldwin, E.L.A.B. (2006). Total antioxidant activity and fiber content of select florida-grown tropical fruits. *Journal Agricultural and Food Chemistry*, 54, 7355-7363

Marliana, E. 2012. Aktivitas Antioksidan Ekstrak Etanol Daun Andong (*Cordyline fruticosa* L) A. Cheval. *Mulawarman Scientifie*, 11(1).

Mayes P. A. 2003. Topik Khusus. Dalam : Murray, R. K., D. K., Mayes, P. A., Rodwell, V. W. Eds *Biokimia Harper*. Edisi Ke-25. Penerjemah Hartono, A., Bani, P. A., Tiara, M. N. S. Jakarta. Penerbit Buku Kedokteran Egc. Hal 598-632.

Misra, A, Chattopadhyay R, Banerjee S, Chattopadhyay DJ, and Chatterjee IB. 2003. Black Tea Prevents Cigarette Smoke-Induced Oxidative Damage Of Proteins in Guinea Pigs. *American Society for Nutritional Sciences*. 133 (8): 2622-2628.

Moller P, Wallin H, Knudsen LE. 1996. Oxidative stress asociated with exercise, pshyological stress andlifestyle factors. *Chem Biol Intercat*. 120:17-36.

Muchtadi, Deddy. 2013. *Antioksidan dan Kiat Sehat di Usia Produktif*. Alfabeta. Bandung.

Murray R.K, Graner D.K Mayes P.A, Rodwell, Vw. 2003. *Biokimia Harper*. Jakarta :Penerbit Buku Kedokteran, EGC.

Nagasaka, R., C. Chotimarkorn, I.M. Shafiqul, M. Hori, H. Ozaki, and H. Ushio. (2007). Antiinflammatory effects of hydroxycinnamic acid derivatives. *Biochemical and Biophysical Research Communications*. 358: 615-619.

- Nelson F., Vinay K. 2005. Neoplasia. *Robbins and Cotran Pathologic Basis of Disease*. China: Elsevier Saunders. P. 270.
- Parr, A.J., dan Bolwell, G.P. (2000). Phenols in the plant and in man. The potential for possible nutritional enhancement of the diet by modifying the phenols content or profile. *Journal of the Science of Food and Agriculture*. 80: 985-1012.
- Pareek G, Shevchuk M, Armenakas NA, Vasjovic L, Hochberg DA, Bassilote JB, et al. The effect of finasteride on the expression of vascular endothelial growth factor and microvessel density. A possible mechanism for decreased prostatic bleeding in treated patients, *J Urol*, 2003, 169 : 20-3
- Piao, Hong-Mei Prabagar Balakrishnan, Hyun Jong Cho, Hyunjun Kim, You Sun Kim, Suk-Jae Chung, Chang-Koo Shim, dan Dae-Duk Kim 2010. "Preparation and Evaluation of Fexofenadine Microemulsions for Intranasal Delivery". Dalam *Internasional Journal of Pharmaceutics*. Juni.
- Ray C. Anatomy and Physiology of the male reproduction system. Surgical and medical management of male infertility, marc goldstein and peter n. Schlegel. Published by Cambridge University Press. Cambridge University Press EUA. 2013; 978-521.
- Reed, W.L., M.E. Clark, P.G. Parker, S.A. Raouf, N. Arguedas, D.S. Monk, E. Snajdr, V. Nolan, and E.D. Ketterson. 2006. Physiological effects on demography: A long-term experimental study of testosterone's effects on fitness. *Am. Natural Sci*. 167(5):667-683.
- Rugh, R. 1968. *The Mouse: It's Reproduction and Development*. Burgess Publishing Co. Minneapolis. Hlm 2.
- Ryan, H., Trosclair, A. & Gfroerer, J., 2012. *Adult current smoking: Differences in definitions and prevalence estimates - NHIS and NSDUH, 2008*.
- Sabeti P, Pourmasumi S, Rahiminia T, Akyash F, Talebi A. 2016. Etiologies of sperm oxidative stress. *Int J Reprod BioMed*. 14(4):231-40.
- Saleh R.A, Agarwal A, Nada E.A. Negative Effects Of Increased Sperm DNA Damage In Relation To Seminal Oxidative Stress In Men With Idiopathic And Male Factor Infertility. American Society For Reproductive Medicine. USA. 2003.
- Sayuti K, Yendrina R. Pengertian Antioksidan Dan Manfaatnya. Dalam: Antibiotik Alami Dan Sintesis. Padang: Andalas University Press 2015.
- Soekmanto A, Yatri H, Dan Partomuan S. Kandungan Antioksidan Pada Beberapa Bagian Tanaman Mahkota Dewa. *Phaleria Macrocarpa* (Scheff) Boerl. (Thymelaceae). *Biodiversitas*, 2007; 8 (2) 92-95.
- Soetiarto, F. (1995). Mengenal Lebih Jauh Rokok Kretek. *Media Litbangkes*, 5, 31-33.
- Suweino dkk, (2004). Kemampuan Sari Mengkudu (*Morinda citrifolia*) dalam Menangkal Stress Oksidatif Akibat Pemberian CCl₄ pada Tikus. Prosiding Seminar Nasional dan Pra Kongres PBBMI pada 2 Oktober 2004 di Yogyakarta.

Sherwood, Laura Iee. 2011. *Fisiologi Manusia*. Jakarta : EGC.

Sherwood, L. 2014. *Fisiologi Manusia Dari Sel ke Sistem..*Edisi 8. Jakarta: EGC.

Syaifuddin, 2006, *Anatomi Fisiologi untuk Mahasiswa Keperawatan*. Jakarta : EGC

Tuminah S. 2000, Radikal Bebas Dan Antioksidan; Kaitannya Dengan Nutrisi Dan Penyakit. Cermin Dunia Kedokteran

Prijadi B, Dananjaya A, Winarsih S, 2013. Pengaruh Ekstrak Metanol Fraksi Etil Asetat Madu Terhadap Pertumbuhan *Esherichia Coli Secara In vitro*. Universitas Brawijaya.

Price Sylvia A, Wilson Lorraine M. Patofisiologi: Konsep Klinis Proses-Proses Penyakit. Jakarta: EGC; 2012.

Pham-Huy L.C, Hua He And Chuong P. Free Radikal. Antioxidant In Disease And Healt. International Journal Of Biomedical Sience. 2008; 4 (2): 89-96.

Power S.K, Jackson M.J. Exercise-Induced Oxidative Stress: Celluler Mechanisms And Impact On Muscle Force Production. *Physiol Rev*, 2008; 88, 1243.

Wardhana. 2007. Penentuan Aktivitas Antioksidan, Kadar Fenolat Total Dan Likopen. Jurnal Ilmu Dan Teknologi Kelautan, Universitas Indonesia, Jakarta, 3(1): 65-72.

WHO. 2009. DHS Comparative reports infecundity, infertility and chillesness in developing countries. Calverton, MD 20705: USA.

WHO. 2010. *WHO laboratory manual for the examination and processing of human semen fifth edition*. Publication of the World Health Organization can be obtained from WHO Press Switzerland.

Windono Et, Al. Aktivitas Antioksidan Ekstrak Fenolik Dari Kulit. E-Journal. UNSRAT. 2001.

Winarsih H. 2007. Antioksidan Alami dan Radikal Bebas. Cetakan ke-5 Kanisius. Yogyakarta : 122-204.

Wolfensohn, S., dan Lloyd, M., 2013, *Handbook of Laboratory Animal Management and Welfare*, 4th ed., Wiley-Blackwell, West Sussex, 234.

Yanbaeva DG, Dentener MA, Creutzberg EC, Wesseling G, and Wouters EF. Systemic Effects of Smoking. *Chest*. 2007; 131(5): 1557-1566.

Yuningtyaswari, Nabawiyati S. Pengaruh Inhalasi Asap Rokok Kretek dan Rokok Putih terhadap memori (Kinerja Maze Radial 8 lengan) pada Tikus (*Rattus Norvegicus*). *Ebers Papyrus*. 2005; 11(2): 79

WHO. 2010. *Mother or nothing: the agony of infertility*. Bull World Health Organ. 88:881-882.

Wein, Kavoossi, Novick, Pertin & Petters. *Campbell-wash urology*. Ten edition. United States-of America. Elsevier Saunders. 2012.

Wu, Li-chen, Hsu, Hsiu-Wen, Chen, Yun-Chen, Chiu, Chih-Chung, Lin, Yu-In and Annie Ho, Ja-an. 2006. Antioxidant and antiproliferative activities of red pitaya. Food Chemistry, 95:319–327

Zegers, Hochschild, F, Nygren K.G, Adamson G.D, de Mouzon, J, Lancaster P, Mansour R, Sullivan E, International Committee For Monitoring Assisted Reproductive Technologies. The ICMART glossary on Art Terminology. Fertil Steril. 2009; 86 : 16-19.

