

DAFTAR PUSTAKA

- Agarwal, A., R.A. Saleh, M.A. Bedaiwy. 2003. Role of reactive oxygen species in the pathophysiology of human reproduction. *Fertil Steril*. 79: 829-843.
- Arab, L. and S. Steck. 2000. Lycopene and Cardiovascular Disease. *American Journal of Clinical Nutrition*. 71 : 1691-1695.
- Arsad, S. S., N. M. Esa and H. Hamzah. 2014 Schott Extract. *Cytology and Histology Journal* S4.
- Bayod, E., E.P. Willers, E. Tornberga. 2008. Rheological and structural characterization of tomato paste and its influence on the quality of ketchup. *Food Science and Technology* 41 (2008) 1289–1300
- Bernard, C. E., M. C. Harrass and M. J. Manning. 2010. Boric Acid and Inorganic Borate Pesticides. *Hayess' Handbook of Pesticide Toxicology*. Elsevier.inc.
- Breinholt, V., S. T. Lauridsen, B. Daneshvar, & J. Jakobsen. 2000. Doseresponse effects of lycopene on selected drug-metabolizing and antioxidant enzymes in the rat. *Cancer Lett*. 154: 201–210.
- Blanche, C.I., X. Wang. 2014. Non-Alcoholic Steatohepatitis and Hepatocellular Carcinoma: Implications for Lycopene Intervention. *Nutrients*, 6, 124-162.
- Cahyadi, W. 2009. Analisis & Aspek Kesehatan Bahan Tambahan Pangan. Edisi Kedua. Jakarta: Bumi Aksara. Halaman 134.
- Charlotte, L. O. 2002. Histology Part 2 Female Reproductive System. Oklohama State University Collage of Veterinary Medicine.
- Chen, D., M. Song, O. Mohamad and S.P. Yu1. 2014. Inhibition of Na⁺ /K⁺ - ATPase induces hybrid cell death and enhanced sensitivity to chemotherapy in human glioblastoma cells. *BMC Cancer* 2014, 14:716
- Corwin, E.J. 2001. Buku Saku Patofisiologi. Alih Bahasa dr. Brahm U. Pendit, Sp.K. K. Penerbit Buku Kedokteran, EGC. Jakarta.
- Dalimartha, S. 2001. Ramuan Tradisional Untuk Pengobatan Hepatitis. Penebar Swadaya. Jakarta
- Davies, J. 2000. Tomatoes and Health. *Journal of Social Health*. vol. 120 No. 2, pp. 81-82.

- Diener, R. M. and M. S. Christian. 2008. Lycopene Overview: What It Is and What It Does, Lycopene Nutritional, Medicinal and Therapeutic Properties. Science Publisher. London United Kingdom. 4 – 10.
- Dixon, L. J., M. Barnes, H. Tang, M.T. Pritchard, L.E. Nagy. 2013. Kupffer Cells in the Liver. American Physiological Society. Compr Physiol 3:785-797.
- Duerr, J.S. 2006. Immunoistocemistry. Worm Book 10.1895. USA
- Firmanto, B.H. 2011. Praktis Bercocok Tanam Kedelai Secara Intensif. Penerbit Angkasa. Bandung.
- Gautier, J. C.2011. Drug Safety Evaluation: Methods dan protocol. Methods in Molecular Bioloy. Vol. 691. 10. 1007/978-1-60761-849-2
- Guyton, A. C., dan J.E. Hall. 2008. Buku Ajar Fisiologi Kedokteran. Edisi 11. Jakarta: EGC
- Hamid, A. A., O.O Aiyelaagbe, L.A. Usman, O.M. Ameen, dan A. Lawal. 2010. Antioxidant : its Medidal and Pharmacological Applications. African Journal of Pure and Applied Chemistry vol.4(8):142-151
- Harland, G. and S. L. Craxton. 2009. Tomato a Guide to the Pleasure of Choosing, Growing, and Cooking. Dorling Kindersley Limited. New York.
- Hoyer, K. K., H. Doods, L. Barron, A.K. Abbas. 2008. Interleukin-2 in the development and control of inflammatory disease. J Compilation Vol. 226: 19–28
- Jin, E., M. Ren, W. Liu, S. Liang, Q. Hu, Y. Gu, and S. Li. 2017. Effect of boron on thymic cytokine expression, hormone secretion, antioxidant functions, cell proliferation, and apoptosis potential via the ERK1/2 signaling pathway. J. Agric. Food Chem 10.1021/acs.jafc.7b04069
- Jones, B. J. 2008. Tomato Plant Culture. In the field, Greenhouse and Home Garden. CRC Press. New York. 399 p.
- Junqueira, L.C., J. Carneiro, R.O. Kelley. 2007. Histologi Dasar. Edisi ke-5. Tambayang J., penerjemah. Terjemahan dari Basic Histology. EGC. Jakarta.
- Kailaku, S., K.T. Dewandari, Sunarmani. 2007. Potensi Likopen Dalam Tomat Untuk Kesehatan. Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian. Vol 3.
- Kaur, R., K. Kapoor, dan H. Kaur. 2011. Plants as A Source of Anticancer Agents. J Nat Prod Plant Resour. 1 (1) : 119 – 12.

- Khamid, I. R. 2006. Bahaya Boraks Bagi Kesehatan. Jakarta. Penerbit Kompas.\
- Kopuri, R. K. C., C. Chakravarthy, S. Sunder, R. S. Patil, W. Shivaraj, G. Arakeri. 2016. A Comparative Study of the Clinical Efficacy of Lycopene and Curcumin in the Treatment of Oral Submucous Fibrosis Using Ultrasonography. *J international One Health* 8 (6) : 687-691.
- Kusumawati, D. 2004. Bersahabat dengan Hewan Coba. Gadjah Mada University Press. Yogyakarta. 5 – 6.
- Larsen, P. B., B.V. Nielsen, F.L. Fotel, P. Kortegaard, T. Slothuus, O. Hjelmar. 2015. Survey of Boric acid and sodium borates (borax). The Danish Environmental Protection Agency 978-87-93352-23-0
- Lorz, C., P. Justo, A. B. Sanz, J. Egido, A. Ort'z. 2005. Role of Bcl-xL in paracetamol-induced tubular epithelial cell death. *Kidney International*, Vol. 67 (2005), pp. 592–601
- McGavin M. D. and Zachary, J. F. 2012. Pathologic Basis of Veterinary Disease. 5th Edition. Mosby Elsevier. USA.
- Matos, H. R., P. D. Mascio, and M. H. G. Medeiros. 2000. Protective Effect of Lycopene on Lipid Peroxidation and Oxidative DNA Damage in Cell Culture. *Archives of Biochemistry and Biophysics*. 383(1): 56 – 59.
- Maulida, D. dan N. Zulkarnaen. 2010. Ekstraksi Antioksidan (Likopen) Dari Buah Tomat Dengan Menggunakan Solven Campuran, N-heksana, Aseton dan Etanol, Seminar Tugas Akhir, Jurusan Teknik Kimia, Fakultas Teknik, Universtas Diponegoro, Semarang.
- Musser, G. 2014. Mouse (genus Mus). *Encyclopædia Britannica*. Chicago.
- Nurkholidah, Ilza, C. Jose. 2012. Analisis Kandungan Boraks Pada Jajanan Bakso Tusuk Di Sekolah Dasar Di Kecamatan Bangkinang Kabupaten Kampar. *Jurnal Ilmu Lingkungan* 6(2)
- Pellicoro, A., P. Ramachandran, J.P. Iredale and J.A. Fallowfield. 2014, Liver fibrosis and repair: immune regulation of wound healing in a solid organ, *Nature review : Immunology* volume 14, pp 181-194
- Pracaya. 2010. Hama dan Penyakit Tanaman. Jakarta : Penebar Swadaya.
- Pratiwi, A.S., 2009. Pengaruh Pemberian Jua Buah Tomat Terhadap Perubahan Warna Gigi pada Proses Pemutihan Gigi pada Proses Pemutihan Gigi Secara In Vitro. Karya Tulis Ilmiah, Universitas Diponegoro, Semarang.

- Reessanen, T. 2003. Association of lycopene and dietary intake of fruits, berries, and vegetables with atherosclerosis and CVD. Departement Of Public Health and General Practise: University Of Kuopio.
- Riandini, N. 2008. Bahan Kimia dalam Makanan dan Minuman. Shakti Adiluhung. Bandung
- Rissanen, H. T., S. Voutilainen, K. Nyyssonen. 2000. Low plasma lycopene concentrations is associated with increased intima-media thickness of the carotid artery wall. *Arterioscler Thromb Vasc* 20:2677-81.
- Ruehl-Fehlert, C., B. Kittel, G. Morawietz, P. Deslex, C. Keenan, C. R. Mahrt, T. Nolte, M. Robinson, B. P. Stuart and A. Desch. 2003. Revised Guides for Organ Sampling and Trimming in Rats and Mice. *Exp Toxic Pathol* 55: 2– 3.
- Sanjiv, A. and A. V. Rao. 2000. Tomato Lycopene and Its Role in Human Health and Chronic Disease. *Canadian Medical Association Journal*. Vol. 163(6) : 739-744.
- Sarkar, P. K., P. K. Prajapati, V. J. Shukla, B. Ravishankar. 2017. Evaluate of acute, sub acute toxicity and cardiac activity of poccus borax. *Indian journal of natural products and resources* vo. 8(4) pp. 299-305
- Silvia, S. 2004, Uji Toksisitas Subkronis Boraks (Sodium Tetraborat) Pada Hepar Dan Ginjal Mencit (Mus Musculus L) Galur Swiss Webster, Central Library Institute Technology Bandung.
- Sloane, E. 2004. Anatomi dan fisiologi untuk Pemula. Jakarta: EGC. hlm. 291
- Sulistiadi, A.M. 2007. Pemanfaatan Tomat dalam Pembuatan Minuman Tomat Rendah Kalori Kaya Antioksidan. Scientific Repasitory. Institut Pertanian Bogor
- Syah, D. 2005. Manfaat Dan Bahaya Tambahan Pangan. Himpunan Alumni Fakultas Teknologi Pertanian IPB. Bandung.
- Tacke, F., H. W. Zimmerman. 2014, Macrophage heterogeneity in liver injury and fibrosis, *Journal of Hepatology* vol. 60:1090–1096
- Tappi, E. S., P. Lintong, L. L. Loho. 2013. Gambaran Histopatologi Hepar Tikus Wistar Yang Diberikan Jus Tomat (*Solanum lycopersicum*) Pasca Kerusakan Hepar Wistar Yang Diinduksi Karbon Tetraklorida (CCl₄)
- Tatukude, R. L., L. Loho., M. P. Linton. 2014. Gambaran Histopatologi Hepar Tikus Wistar Yang Diberikan Boraks. *Jurnal e-Biomedik (eBM)*, Volume 2, Nomor 3

- The Jackson Laboratory. 2015. Jax[®] Mice, Clinical and Research Service Catalog. United State of America.
- Thompson, K. A., M. R. Marshall, C. A. Sims, C. I. Wei, S. A. Sargent, J. W. Scott. 2000. Cultivar, Maturity, and Heat Treatment on Lycopene Content in Tomatoes. *Journal of Food Science*. Vol. 65, No. 5.
- Tranggono dan Latifah. 2007. Buku pegangan ilmu pengetahuan osmetik. Jakarta: PT. Gramedia Pustaka Utama.
- Tsang, G. 2005. Lycopene in Tomatoes and Prostate Cancer.
- Tugiyono. 2007. Budidaya Tanaman Tomat. PT. Agromedia Pustaka. Jakarta.
- Vepriati, N. 2007. Surveilans Bahan Berbahaya pada Makanan di Kabupaten Kulon Progo. Kulon Progo : Dinkes Kulon Progo.
- Weilian, H., Dehui D., Wei L. 2013. In Vivo Antioxidant Activity of Lycopene from *Blakeslea Trispora* in Rats. 2nd International Conference on Environment, Energy and Biotechnology, IPCBEE vol.51, IACSIT Press, Singapore.
- Wheeler, M. D. 2003. Endotoxin, Kupffer Cells and Alcoholic Liver Disease. *Alcohol Research & Health*. Vol. 27(4): 300-306
- Wibowo, D. S. dan W. Paryana 2009. Anatomi Tubuh Manusia edisi I. Yogyakarta: Graha Ilmu : 347-352.
- Zou, J., D. Feng, W. Ling, R. Duan. 2012. Lycopene suppress proinflammatory response in lipopolisaccharide-stimulated macrophages by inhibiting ROS-induced trafficking of TLR4 to lipid raft-like domain. *J nutritional biochemistry* 08-011.