

DAFTAR PUSTAKA

1. Zaveri M, Patel A. Preliminary Screening Of Some Selected Plant For Antityrosinase Activiti. *J Ethnopharmacol.* 2012 Oct;82(2-3):155-9.
2. Pandel R, Poljsaak B, Godic A, Dahmane R. 2013. Skin Photoageing and The Role of Antioxidant in Its Prevention. *International Scholarly Research Notice.* ISRN Dermatologi Vol. 2013 , Article ID 930164.
3. Koh HK, Geller AC, Miller DR, Grossbart TA, Lew RA. 1996. Prevention and early detection strategy for melanoma and skin cancer: Current status. *Arch Dermatol* 1996; 132(4):436-443.
4. Tjarta A. Spektrum kanker kulit di Indonesia. *MDVI.* , 1995 3(22): 100-5.
5. Klaus W. Pigmentary Disorders. In : *Fitzpatrick's Colour Atlas and Synopsis of Clinical Dermatologi.* 6th Edition. McGraw-Hill, USA, 2009, p.344- 5.
6. Taylor A, Pawaskar M, Taylor SL, Balkrishnan R, Feldmans SR. 2008 Prevalence of pigmentary disorder & their impacts on quality of life: a prospective cohort study. *J Cosmet Dermatol*, 2008, 7(3): 163-9.
7. Febrianti T, Sudharmono A, Rata I, Bernadette I., *Epidemiologi Melasma di Poliklinik Departemen Ilmu Kesehatan Kulit dan Kelamin RS. DR. Cipto Mangunkusumo Tahun 2004, 2005*
8. Hamed S.H. Efficacy and Mechanism of Action of A New Tyrosinase Inhibitory Agent. Cincinnati, USA, University of Cincinnati. PhD Tesis., 2004
9. Pawaskar MD, Parikh P, Markowski T. Melasma and its impacts on health - related quality of life in hispanic women. *J Dermatol Treat.* 2007, 18: 5–10
10. Wahyono P et al. Efek Jus Buah Tomat (*Lycopersicum pyriforme*) terhadap Pencegahan Fotoaging Kulit Akibat Iradiasi Sinar Ultraviolet-B, available from URL: <http://www.journal.unair.ac.id/download-fullpapers-Vol13No3September2011-6.pdf>, 2011
11. Al-Awwadi C, Araiz A, Bornet. “Extracts enriched in different polyphenolic families normalize increased cardiac NADPH oxidase expression while having differential effects on insulin resistance, hypertension, and cardiac hypertrophy in high-fructose-fed rats,” *Journal of Agricultural and Food Chemistry*, vol. 53, no. 1, 2005, p 151–7
12. Haila K, 1999. Effect of Carotenoid & Carotenoid- Tocopherol Interaction on Lipid Oxidation In Vitro, Academic Dissertation, University of Helsinki, Department of Applied Chemistry and Microbiologi, Helsinki.
13. Halliwell B, Gutteridge JMC. *Free Radical in Biology and Medicine*, Oxford Universiti Press, Oxford, UK ,2nd edition, 1989
14. Sanocka D, Kurpisz M. 2004. Reactive Oxygen Species And Sperm Cell. *Reprod Biol Endocrinol.* 2004 Mar 23;2:12.
15. Winarsi H. *Antioksidan Alami Dan Radikal Bebas, Potensi Dan Aplikasinya Dalam Kesehatan*, 2007
16. William D.L. 2006. Oxidation, Antioxidant and Cataract Formation: A Literature Review. *Veterinari Ophthalmology.* 9 (5): 291-9.

17. Muller, F. L., Lustgarten, M. S., Jang, Y., Richardson, A. and Van Remmen, H, "Trend in oxidative aging theories". *Free Radic. Biol. Med.* 43 (4): 477–503. doi:10.1016/j.freeradbiomed,2007.03.034. PMID 17640558.
18. Trevisan, M.; Browne, R; Ram, M; Muti, P; Freudenheim, J; Carosella, A. M.; Armstrong, D. "Correlates of Markers of Oxidative Status in the General Population". *American Journal of Epidemiology.* 2001, 154 (4): 348–56. doi:10.1093/aje/154.4.348. PMID 11495858
19. Dalle-Donne , Rossi R, Colombo R, Giustarin D, Milzani A; *Clin Chem, Biomarker of oxidative damage in human disease* 2006 Apr;52(4):600-24. Epub 2006 Feb 16;.
20. Janero D.R., Malondialdehyde & thiobarbituric acid-reactivity as diagnostic indice of lipid peroxidation & peroxidativ tissue injuri, *Free Radic Biol Med.* 1990;9(6):513-41.
21. Ates, N.A *et al*, Plasma Catalase Activity & Malondialdehyde Level in Patient with Cataract. *Eye*, 2004, 18: 785-8.
22. Cekic, S., Zlatanovic, G., Cvetkovic, T. dan Petrovic, B. Oxidative Stress in Cataractogenesis. *Bosnian Journal of Basic Medical Science*, 2010, 3: 265-9.
23. Setiadi, E., Gondowirdjo, T.D., & Soegianto, R.S.. Kadar Peroksida Lipid dalam Darah dan Aqueous Humor Pasien Katarak Senilis & Katarak Pada Diabetes Melitus. Fakultas Kedokteran Universitas Indonesia, Jakarta. 1996
24. Pecourt JML, Peon J, Kohler B., "Ultrafast internal conversion of electronically excited RNA and DNA nucleosides in water," *J. Am. Chem. Soc.* 2000, 122, 9348-9349 [erratum *J. Am. Chem. Soc.* 2001, 123, 5166].
25. Cantrell, Ann; Mc Garvey, David J "3(Sun Protection in Man)". *Comprehensive Series in Photoscience.* (2001), 495: 497–519. CAN 137:43484.
26. Armeni, Tatiana; Damiani, Elisabetta; et al. "Lack of in vitro protection by a common sunscreen ingredient on UVA-induced cytotoxicity in keratinocyte". *Toxicology.*, (2004) 203 (1–3): 165–178. doi:10.1016/j.tox.2004.06.008. PMID 15363592.
27. Knowland, John, McKenzie, Edward A.; McHugh, Peter J.; Cridland, Nigel A., "Sunlight-induced mutagenicity of a common sunscreen ingredient". *FEBS Letters.* (1993). 324 (3): 309–313. doi:10.1016/0014-5793(93)80141-G. PMID 8405372.
28. Mosley CN, Wang L, Gilley S, Wang S, Yu H. "Light-Induced Cytotoxicity and Genotoxicity of a Sunscreen Agent, 2-Phenylbenzimidazol in Salmonella typhimurium TA 102 and HaCaT Keratinocytes". *International Journal of Environmental Research and Public Health.* (2007). 4 (2): 126–131. doi:10.3390/ijerph2007040006. PMID 17617675.
29. Xu C. et al, "Photosensitization of the Sunscreen Octyl p-Dimethylaminobenzoate b UVA in Human Melanocytes but not in Keratinocytes". *Photochemistry and Photobiology.* (2001), 73 (6): 600–604. doi:10.1562/0031-8655(2001)073<0600:POTSOP>2.0.CO;2. ISSN 0031-8655. PMID 11421064.

30. Wentworth P. *et al.* Antibody catalysis of the oxidation of water. *Science* 293: 1806–11, 2001. 243.
31. Pillai S, Oresajo C, Hayward J; Ultraviolet radiation & skin ageing: role of reactive oxygen species, inflammation & protease activation, & strategy for prevention of inflammation-induced matrix degradation, *Int J Cosmet Sci.* 2005 Feb;27(1):16-35
32. Russo S, INITIATION, PROPAGATION & TERMINATION IN FREE RADICAL COPOLYMERIZATIONS *Makromol. Chem., Macromol. Symp.* 1987 10/11 ,394-415
33. Frankel E.N., *Lipid Oxidation*, Bridgewater, UK: The Oily Press.ed. Vol. 10. 2005,
34. Zhang Y, Liua Y and Qingzhang L, DFT study on the quenching mechanisms of singlet oxygen by lycopene, 2016
35. Weber D, Milkovic L, Bennett SJ, Griffiths HR, Zarkovic N, Grune T. "Measurement of HNE-protein adducts in human plasma and serum by ELISA— Comparison of two primary antibodies". *Redox Biology.* 1 (1): 226– 233. doi:10.1016/j.redox.2013.01.012. PMC 3757688 Freely accessible. PMID 24024156.
36. Ohkawa H, Ohishi N, Yagi K. Assay for lipid peroxides in animal tissue by thiobarbitoric acid reactions. *Anal Biochem.* 1979; 95:351–9. doi: 10.1016/0003- 2697(79)90738-4.
37. Kindred C, Halder RM. *Pigmentation & Skin of Colour*. In: Draelos, Z. D., editor. *Cosmetic Dermatology Product and Procedure* . 1st edition. New Jersey: Wiley-Blackwell. 2010, p 27-36.
38. Woolery-Lloyd, H. *Skin of Color*. In: Baumann, L, Saghari, S, Weisberg E, editor. *Cosmetic Dermatologi*. 2nd edition. New York: McGraw Hill, 2009. p 109-117
39. Dalimarta, Setiawan. *Atlas Tumbuhan Obat Indonesia Jilid 3*. Jakarta: Puspa Swara, Anggota Ikapi, 2007
40. Firmanto BH. *Sukses Bertanam Tomat Secara Organik*, Edisi 1 Angkasa, 2011
41. Tugiyono, Herry. *Bertanam Tomat*, Edisi 1, Jakarta : Penebar Swadaya, 1997
42. Pitojo, S, *Benih Tomat*. Kanisius, Yogyakarta. , 2005
43. Galpaz N, Ronen G, Khalfa Z, Zamir D, Hirschberg J. A Chromoplast-Specific Carotenoid Biosynthesis Pathways Is Revealed by Cloning of the Tomato white-flower Locus. *Plant Cell.* 2006;18:1–15. doi: 10.1105/tpc.105.039966. [PMC free article] [PubMed] [Cross Ref]
44. Davies J.N., Hobson G.E., McGlasson W.B. The constituent of tomato fruit—the influence of environment, nutrition, and genotype. *Crit. Rev. Food Sci. Nutr.* 1981;15:205–281. doi: 10.1080/10408398109527317. [PubMed] [Cross Ref]
45. Martínez-Valverde I., Periago M.J., Provan G., Chesson A. Phenolic compounds, lycopene and antioxidant activity in commercial varieties of tomato (*Lycopersicum esculentum*) *J. Sci. food Agric.* 2002;82:323–330. doi: 10.1002/jsfa.1035. [Cross Ref]
46. Slimestad R., Fossen T., Verheul M.J. The flavonoid of tomatoe. *J. Agric. Food Chem.* 2008;56:2436–42. doi: 10.1021/jf073434n. [PubMed] [Cross Ref]

47. Briganti S, Camera E, and Picardo M. (2003) Chemistry & Instrumental Approaches to Treat Hyperpigmentation. *Pigment Cell Research*, 16(2): 101-110. DOI PMid:12622786
48. Pantastico ERB. 1993. Fisiologi Pasca Panen, Penanganan & Pemanfaatan Buah-Buahan & Sayur-Sayuran Tropika & Sub Tropika. Gadjah Mada University Press, Yogyakarta.
49. Lorens OA, Maynard DN 1988. Knott's Handbook for Vegetable Grower, 3rd ed., John Wiley & Sons, New York
50. Setijorini LE dan Sulistiana S. Studi Tentang Penggunaan Kalsium Klorida (CaCl₂) Dalam Mempertahankan Kualitas dan Menghambat Proses Pemasakan Buah Tomat (*Lycopersicum esculentum* Mill) Selama Penyimpanan. Laporan yang dipublikasikan Oleh Universitas Terbuka. UI, Jakarta. . 2001
51. Davies J. 2000. Tomatoe & Health. *Journal of Social Health*. June : 120(2) : 81-83.
52. Agarwal S. & Rao A.V.. Tomato Lycopene and Its Role in Human Health and Chronic Disease. *Canadian Medical Association Journal*. 2000, 163(6) : 738-745.
53. Agarwal A, Shen H, Agarwal S,Rao A, 2001. Likopen content of tomato product: Its stability',bioavailability and in vivo antioxidant property. *J Med Food*. 4:9-16.
54. Johnson, E. J., J. Qin, N. I. Krinsky, and R. M. Russell. 1997. Ingestion by Man of a Combined Dose of β -carotene and Lycopene Does Not Affect The Absorption of β -carotene But Improve That of Lycopene. *Journal of Nutrition*. 127 : 1832-1838
55. Clinton, S, Lycopene chemistry, biology & implication for human health and diseases. *Nutrition Review*; 1998. 56:3.5-52
56. Alda L.M. et al. . Lycopene content of tomatoe & tomato product. *J. Agroalimnet. Process Technol*. 2009. 15:540-542.
57. Thompson K. A., Marshall C. A, Sims C, Wei S, Sargent J, Scott. Cultivar, Maturity, and Heat Treatment on Lycopene Content in Tomatoes. *Journal of Food Science*. 2000.Vol. 65, No. 5.
58. Zechmeister L, LeRosen AL, Went FW, Pauling L., Prolycopene, a naturally occuring sterioisomer of lycopene. *Proc Natl Acad Sci USA* 194121:468-474
59. Sudrajat S.S., Gunawan I., Likopen. *Majalah Giji Medik Indonesia* Vol.2 No 5 April 2003; 7-9. .
60. Clinton S.K. et al, Cis-trans lycopene isomer, carotenoid, & retinol in the human prostate. *Cancer Epidemiol Biomarker Prev*. 1996;5:822-34.
61. Birt, D. F., S. Hendrich, & W. Wang.. Dietary agent in cancer prevention: flavonoid & isoflavonoid. *Pharmacol. Ther*, 2001, 90: 157-178.
62. Boileau, T.W.M., A. C. Moore, & J. W. Erdman., Carotenoid & Vitamin A. In: *Antioxidant Status, Diet, Nutrition, & Health* (Papas, A. M., ed.), Press LLC, Boca Raton, FL, 1999.p. 132-159.
63. Edge, R., McGarvey, D.J. & Truscott, T.G. The carotenoid as antioxidant - a review. *J. Photochem. Photobiol. B: Biol.*, 1997, 41: 188-201
64. Mascio D, Paolo, Kaiser S, Sis H. "Lycopene as the most efficient biological carotenoid singlet oxygen quencher." *Archive of biochemistry and biophysic* 274.2 (1989): 532-539.

65. Breinholt, V., S. T. Lauridsen, B. Daneshvar, & J. Jakobsen. Dose-responses effect of lycopene on selected drug-metabolizing & antioxidant enzyme in the rat. *Cancer Lett.*, 2000 154: 201–211.
66. Bohm F, Tinkler J.H, Truscott T.G. Carotenoid protect against cell membrane damage by the nitrogen dioxide radical. *Nature Med*, 1995,1:97–98,
67. Costin, GE, Hearing VJ. Human Skin Pigmentation: Melanocyte Modulate Skin Color in Response to Stress. 2007, Available from: <http://www.fasebj.org/content/21/4/976>. full. Accessed at May 6, 2014.
68. Lee S.T, Wong P.F., Cheah S.C., Mustafa M.R. 2011. Alpha-tomatine induce apoptosis & inhibit nuclear factor-kappa B activation on human prostatic adenocarcinoma PC-3 cell. *PLoS ONE* 6: e18915
69. Cha J.H., Kim W.K., Ha A.W., Kim M.H., & Chang M.J., Anti-inflammatory effect of lycopene in SW480 human colorectal cancer cells, *Nutrition Research and Practice* 2017;11(2):90-97
70. Fazekas Z., Gao D., Saladi R.N, Lu Y., Lebowitz M., Wei H. Protective effect of lycopene againsts ultraviolet B-induced photodamages, *Nutr Cancer*. 2003; 47(2):181-8.
71. Weyemi U et al , ROS generating NADPH oxidase NOX4 is a critical mediator in oncogenic H-Ras-induced DNA damages & subsequent senescences. 2012
72. Hsiao-Yun Lin, Ho Lin & Dah-Yuu Lu, Lycopene Inhibit Cyclooxygenase-2 & Inflammatori Mediator Expressions In Microglia, 2013
73. Feng D, Ling W-H, Duan R-D. Lycopene suppresses LPS-induced NO & IL-6 productions by inhibiting the activation of ERK, p38MAPK, and NF- κ B in macrophage. *Inflammation Research*. 2010;59(2):114–122. [PubMed]
74. Rafi MM, Yadav PN, Reyes M. Lycopene inhibit LPS-induced proinflammatory mediator inducible nitric oxide synthase in mouse macrophage cell. *Journal of Food Science*. 2007;72(1):S068–S075. [PubMed]
75. Goodson L. Breaking the Age Code Young Skin for Life. Dog Ear Publishing, 2016; p208
76. Muchtadi, T.R. & Sugiono, Ilmu Pengetahuan Bahan Pangan. Departemen Pendidikan dan Kebudayaan. Direktorat Jenderal Tinggi Pusat Antar Universitas Pangan dan Gizi. Bogor: Institut Pertanian Bogor. 1992.
77. Foote, C.S., Y.C. Chang dan R.W. Denny. Chemistry of Singlet Oxygen. X. Carotenoid Quenching Parallel Biological Protection. (1970) *J. Am. Chem. Soc.* 92: 5216-5219.
78. Gionvannucci E. Tomatoes, tomato-based product, lycopene, & cancer: review of the epidemiological literature. *J Natl Cancer Inst*, 1999; 91: 317–332.
79. Sesso H.D, Liu S, Gaziano J.M, Buring J.E. Dietary lycopene , tomato-based food products & cardiovascular diseases in women. *J Nutr*. 2003 Jul; 133(7): 2336–41.
80. Bai S.K *et al*, Beta-Carotene inhibit inflammatory gene expression in lipopolysaccharide-stimulated macrophage by suppressing redox-based NF-kappaB activation, *Exp Mol Med*. 2005 Aug 31;37(4):322-35.

81. Wu F, Wilson J.X, Tyml K: Ascorbate protect against impaired arteriolar constriction in sepsis by inhibiting inducible nitric oxide synthase expressions. *Free Radic Biol Med.* 2004, 37: 1283-89.
82. Shaik YBD, Conti P: Relationship between Vitamin C, Mast Cell & Inflammation , *J Nutr Food Sci.* 2016; (6):1
83. Khanduja KI, Avti P: Inhibitory effects of vitamin E on proinflammatory cytokine & endotoxin induced nitric oxide release in alveolar macrophage, *Life Science* 2005, 76(23):2668-81
84. Alam M, Gladstone HB, Tung RC, *Cosmetic Dermatology*, Elsevier health Sciences, 2009, p23
85. Fisher G.J, Wang Z, Datta S.C, Varani J, Kang S, Voorhees J.J. Pathophysiology of premature skin ageing induced by ultraviolet light. *NEJM*,1997;337(20):1419-29.
86. Packer L. 1999. *The antioxidant Miracle*. New Jersey: John Wiley & Sons, Inc.
87. What's New and Beneficial About Tomatoes, (<http://www.WHfoods.org>; diakses tanggal 16 November 2016)
88. Joshi, R. *et al* Free radical scavenging behavior of folic acid: evidence for possible antioxidants activity. *Free Radical Biology & medicine.* (2001). 30, 1389-1400.
89. Nakano, E., Higgins, J.A., & Power, H.J. (2001). Folate protect against oxidative modification of human LDL. *British Journal of Nutrition*, 86, 636-40
90. Stocker P., Lesgards J-F., Vidal, N., Chalier F., & Prost, M. ESR study of a biological assay on whole blood: antioxidants efficiency of various vitamin. *Biochimica et Biophysica Acta*, (2003). 1621, 1-9
91. Hwang SY, Siow YL, Kathy K.W, Yeung A, House J. 2011 Folic acid supplementation inhibit NADPH oxidase-mediated superoxide anion productions in the kidney. *Am J Physiol Renal Physiol.*300(1):F189-98
92. Mattson,M.P, KrumanI.I. and DuanW. (2002) Folic acid and homocysteine in age-related diseases. *Ageing Res. Rev.* , 1, 95–112.
93. Blount,B.C. and Ames,B.N. (1995) DNA damages in folate deficiency. *Baillieres Clin. Haematol.* , 8, 460–479.
94. Fenech M, Aitken C. and Rinaldi J. (1998) Folate, vitamin B12, homocysteine status and DNA damages in young Australian adult. *Carcinogenesis*, 19, 1162–72
95. Fenech M. (2002) Micronutrient and genomic stability: a new paradigm for recommended dietary allowance (RDSa). *Food Chem. Toxicol*, 40, 1112–17.
96. Chang TS (Jun 2009). "An updated review of tyrosinase inhibitors". *International Journal of Molecular Science.* 10 (6): 2439–76. doi:10.3390/ijms10062440. PMC 2705500 Freely accessible. PMID 19582213
97. Williams RJ, Spencer JP, Rice-Evans C (April 2004). "Flavonoids: antioxidants or signalling molecules?". *Free Radical Biology & Medicine.* 36 (7): 837–48. doi:10.1016/j.freeradbiomed.2004.01.001. PMID 15019969.
98. Frei B (April 1, 2009). "Controversy: What are the true biological functions of superfruit antioxidants?". *Natural Product Information Center*. Archived from the original on March 6, 2010.

99. Cunningham J.H., Milligan G., Trevisan L. 2001. Mineral in Australian fruit and vegetable –a comparison of level between the 1980s and 2000. Food Standard Australia New Zealand.
100. Emsley J., 2001. Nature's Building Block - an a-z guide to the element. University of Cambridge: Department of Chemistry, UK
101. Weiss, W.P. 2005. Antioxidant nutrient, cow health and milk quality. Dairy Cattle Nutrition Workshop, Department of Dairy and Animal Sciences, Penn State, p. 10-19
102. Gogus U., A Fundamental Guide for a Healthy Lifestyle and Nutrition, AuthorHouse; 2011: 60
103. Wahyono P. 2008. EFEK EKSTRAK BUAH TOMAT (*Lycopersicum pyriforme*) TERHADAP EKSPRESI KOLAGEN TIPE 1, MMP-1 DAN MMP-3 PADA PENYAKIT KULIT, Jurnal Kedokteran Brawijaya, Vol. XXIV, No. 3
104. Wahyono P dkk. 2011. Efek Jus Buah Tomat (*Lycopersicon pyriforme*) terhadap Pencegahan Fotoaging Kulit Akibat Iradiasi Sinar Ultraviolet-B, JBP Vol. 13, No. 3,
105. Rigel DS, Weiss RA, Lim HW, Dover JS, 2004. eds. Photoaging. New York: Marcel Dekker, Inc.: 55-63
106. Raj D, Brash DE, Grossman D. 2006. Keratinocyte Apoptosis in Epidermal Development and Diseases. J. Invest Dermatol, 126(2):242-258.
107. Pandel R, Poljšak B, Godic A, Dahmane R, Skin Photoaging and the Role of Antioxidants in Its Prevention, Hindawi Publishing Corporation SRN Dermatology Volume 2013, Article ID 930164, , 2013, p11 <http://dx.doi.org/10.1155/2013/930164>
108. Yamada Y. et al . Dietary tocotrienol reduce UVB-induced skin damage and sesamin enhance tocotrienol effect in hairless mice. J Nutr Sci Vitaminol (Tokyo). 2008.54(2):116-24.
109. Waghray M, Cui Z, Horowitz JC, Subramanian IM, Martinez FJ, Toews GB, Thannickal VJ. Hydrogen peroxide is a diffusible paracrine signal for the induction of epithelial cell death by activated myofibroblast. FASEB J. 2005 May;19(7):853-7.
110. Gerd P, Bienert, Jan K, Schjoerring, Thomas P, Membrane transport of hydrogen peroxide. *Biochimica et Biophysica Acta (BBA) – Biomembrane*, 2006 Aug:994–03
111. Agre P "The aquaporin water channels". *Proc Am Thorac Soc.* (2006). 3 (1): 4–14.
112. Block G *et al*, Factor Associated with Oxidative Stress in Human Population, *Am J Epidemiol* (2002) 156 (3): 273-286.
113. Baumann L, Saghari S. Skin Pigmentation and Pigmentation Disorder. *Cosmetic Dermatology*. 2nd edition. New York: McGraw Hill 2009b. p 97-107.
114. Peak M J, Peak J G, Effect of Solar Ultraviolet Photon on Mamalian Cells DNA, Biological and Medical Research Division, Argonne National Laboratory, Argonne, Illinois 1992, 60439
115. Taylor, S. C. Photoageing and Pigmentary Change of The Skin. In: Burgess, C, M., editor. *Cosmetic Dermatology*. 1st edition. Germany: Springer. 2005 p 28-50.

116. Pangkahila, W. Effects of Hormonal Contraceptions In Melasma Occurrence, (Presented at Central Java Seminar in Aesthetic Medicine Update 2014, Semarang June 13-14, 2014)
117. Tang L, Wu W, Fu W, Hu Y (2018). "The effect of phototherapy and Melanocyte on keratinocytes". *Experimental and Therapeutic Medicine*. April 2018 Volume 15
118. Brenner M, Hearing VJ (2008). "The protective role of melanin against UV damage in human skin". *Photochemistry and Photobiology*. 84 (3): 539–48

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.