

## DAFTAR PUSTAKA

- Adnan, M. 1982. *Aktivitas Air dan Kerusakan Bahan Makanan*. Skripsi. Jurusan Teknologi Pangan dan Hasil Pertanian FTP UGM. Yogyakarta
- Andrade, Ricardo D., Lemus, R., Pérez, dan Carmen E. 2011. Models of Sorption Isotherms for Food: Uses and Limitations. *Revista De La Facultad De Quimica Farmacética ISSN 0121-4004/ISSNe 2145-2660* 18 (3). 325-334
- Anonim. 2015<sup>a</sup>. *Buah Naga Organik Banyuwangi Tembus Pasar Nasional*. Dipetik pada tanggal 17 Maret 2015 dari Banyuwangi Bagus: <http://www.banyuwangi.us/2015/01/buah-naga-organik-banyuwangi-tembus.html/>
- Anonim. 2015<sup>b</sup>. *Buah Naga*. Dipetik pada tanggal 5 Juli 2016 dari Bedah Buah: <https://bedahbuah.net/2015/04/14/buah-naga/>
- Anonim. 2015<sup>c</sup>. *Statistik Indonesia 2015 (Statistical Yearbook of Indonesia 2015)* hal. 20-23. Jakarta: Badan Pusat Statistik.
- Anonim. 2014<sup>a</sup>. *Bupati Mempawah Panen Buah Naga*. Dipetik pada tanggal 8 September 2015 dari Blogspot: <http://wahyudij04.blogspot.com.tr/2014/10/bupati-mempawah-panen-buah-naga.html/>
- Anonim. 2014<sup>b</sup>. *Wakil Menteri Pertanian Kunjungi Sentra Buah Naga*. Dipetik pada tanggal 8 September 2015 dari Dinas Pertanian Tanaman Pangan Provinsi Kalimantan Timur: <http://dispertan.kaltimprov.go.id/content-282-wakil-menteri-pertanian-kunjungi-sentra-buah-naga.html>
- Anonim. 2006. *Water Activity*. Dipetik pada tanggal 9 Juli 2016 dari Wordpress: <https://cdavies.wordpress.com/2006/09/07/water-activity/>
- Apriyantono, A., Fardiaz, D., Puspitasari N. L., Sedarnawati, dan Budiyanto, S. 1989. *Analisis Pangan*. Bogor: PAU Pangan dan Gizi IPB Press
- Arixs. 2006. *Mengenal Olahan Bahan Pangan Nonberas*. Bandung : Cybertokoh
- Azmi, Aliefa N. dan Yunianta. 2015. Ekstraksi Antosianin dari Buah Murbei (*Morus alba. L*) Metode Microwave Assisted Extraction (Kajian Waktu Ekstraksi dan Rasio Bahan: Pelarut). *Jurnal Pangan dan Agroindustri* 3 (3). 835-846
- Baker, Christopher G. J. 1997. *Industrial Drying of Foods*. London: Blackie Academic & Professional.
- Blahovec, J. dan Yanniotis, S. 2010. 'GAB' Generalised Equation as a Basis for Sorption Spectral Analysis. *Czech Journal of Food Science* 28 (5). 345-354

- Cabrita L. 1999. *Analysis and Stability of Anthocyanin* (disertasi). University of Bergen, Department of Chemistry, Bergen.
- Chan, C., Yusoff, R., Ngoh, G., dan Kung, F. W. 2011. Microwave Assisted Extraction of Active Ingredients from Plants. *Journal of Chromatography A*. 1218. 6213-6225
- Chen, F., Sun, Y., Zhao, G., Liao, X., Hu, X., Wu, J., dan Wang, Zhengfu. 2007. Optimization of Ultrasound-assisted Extraction of Anthocyanins in Red Raspberries and Identification of Anthocyanins in Extract Using High-performance Liquid Chromatography-Mass Spectrometry. *Ultrasonics Sonochemistry* 14. 767-778
- Ciwowska, A., Wojnicz, D., dan Hendrich, Andrzej B. 2010. Anthocyanins as Antimicrobial Agents of Natural Plant Origin. *Natural Product Communication* 6 (1). 149-156
- Cruess, William V. 1948. *Commercial Fruit and Vegetable Products*. New York: McGraw Hill Book Company, Inc.
- De Mann, J.M. 1989. *Principle of Food Chemistry*. Connecticut : The Avi Pub Co. Inc.
- Downham, A. dan Collins, P. 2000. *Colouring Our Foods in the Last and Next Millennium*. International Journal of Food Science and Technology. 35 (2):5-22
- Eriksson, C. 1981. *Maillard Reaction in Food: Chemical, Physiological and Technological Aspects*. Oxford : Pergamon Press
- Gamila, A., Moussa, M. E. M., dan Sheashea, E. R. 2013. Characterization of Red Pigments Extracted From Red Beet (*Beta vulgaris*, L.) and Its Potential Uses as Antioxidant and Natural Food Colorants. *Journal of Agricultural Research* 91(3). 1095-1110
- Gómez-Plaza E, Miñano A. dan Lopez-Roca J. M. 2006. Comparison of Chromatic Properties, Stability and Antioxidant Capacity of Anthocyanin-based Aqueous Extract From Grape Pomace Obtained From Different Vinification Methods. *Food Chemistry* 97. 87-94
- Grigoras, Cristina G., Destandau, E., Zubrzycki, S., dan Elfakir, C. 2012. Sweet Cherries Anthocyanins: An Environmental Friendly Extraction and Purification Method. *Separation and Purification Technology* 100. 51-58
- Gross, J. 1987. *Pigment in Fruits*. London: Academic Press
- Handayani, Prima A. dan Rahmawati, A. 2012. Pemanfaatan Kulit Buah Naga (*Dragon Fruit*) Sebagai Pewarna Alami Makanan Pengganti Pewarna Sintetis. *Jurnal Bahan Alam Terbarukan* 1 (2). 19-24

- Harborne, J.B. 1987. *Metode Fitokimia Penuntun Cara Modern Menganalisa Tumbuhan*. Bandung : Penerbit ITB
- Hidayah, T., Pratjojo, W., dan Widiarti, N. 2014. Uji Stabilitas Pigmen dan Antioksidan Ekstrak Zat Warna Alami Kulit Buah Naga. *Indonesian Journal of Chemical Science* (2). 135-140
- Horwitz, W. dan Latimer, George W., Jr. 2006. *Official Methods of Analysis of AOAC International 16<sup>th</sup> Edition*.
- Hosseinian, F. S., Li, W., dan Beta, T. 2008. Measurement of Anthocyanins and Other Phytochemicals in Purple Wheat. *Food Chemistry* 109. 916-924.
- Ide, P. 2009. *Health Secret of Dragon Fruit*. Jakarta: Elex Media Komputindo
- Isminingsih. 1978. *Pengantar Kimia Zat Warna*. Bandung: Penerbit STTT
- Jain, T., Jain, V., Pandey, A. R., dan Vyas, S. S. S. 2009. Microwave Assisted Extraction for Phytoconstituents – An Overview. *Asian Journal Research Chemistry*, 1 (2), 19-25
- Karel, M. 1993. Temperature-dependence of Food Deterioration Processes. *Journal of Food Science*, 58(6)
- Kristanto, D.. 2008. *Buah Naga*. Depok: Penebar Swadaya
- Kurniasari, L., Hartati, I., Ratnani, R. D., dan Sumantri, I. 2008. Kajian Ekstraksi Minyak Jahe Menggunakan Metode Microwave Assisted Extraction (MAE). *Momentum* 4 (2). 47-52
- Labuza, T. P. 1984. *Moisture Sorption: Practical Aspect of Isotherm Measurement and Use*. Minnesota: American Association of Cereal Chemists
- Lee, J., Durst, Robert W., dan Wrolstad, Ronald E. 2005. Determination of Total Monomeric Anthocyanin Pigment Content of Fruit Juices, Beverages, Natural Colorants, and Wines by the pH Difeerential Method: Collaborative Study. *Journal of AOAC International* 88 (5), 2005. 1269-1278
- Lestari, S. 2005. *Pengaruh Penyimpanan dan Pengeringan Biji Bixa Orellana Terhadap Total Zat Warna Ekstrak Biksin*. Yogyakarta : UGM Press
- MacDougall, D. B. 2002. *Colour in Food*. England : Woodhead Publishing Limited
- Macheix, J-J., Fleuriet, A., dan Billot, J. 1990. *Fruit Phenolics*. Boca Raton: CRC Press

- Martins, N., Roriz, C. L., Morales, P., Barros, L., dan Ferreira, Isabel C. F. R. 2016. Food Colorants: Challenges, Opportunities and Current Desires of Agroindustries to Ensure Consumer Expectations and Regulatory Practices. *Trends in Food Science & Technology* 52. 1-15
- Meredith, Roger J. 1998. *Engineers' Handbook of Industrial Microwave Heating*. London: The Institution of Electrical Engineers
- Monica, G.M. dan Ronald, E.W. 1996. Characterization of Red Radish Anthocyanins. *Journal of Food Science* 2 (61). 322-326
- Nielsen, Suzanne, S. 2010. *Food Analysis : Fourth Edition*. New York : Springer. 574
- Nisa, Ghallisa K., Nugroho, Wahyunanto A., dan Hendrawan, Y. 2014. Ekstraksi Daun Sirih Merah (*Piper crocatum*) dengan Metode Microwave Assisted Extraction (MAE). *Jurnal Bioproses Komoditas Tropis* 2 (1). 72-78
- Patras, A., Brunton, N. P., O'Donnell, C., dan Tiwari, B. K. 2010. Effect of Thermal Processing on Anthocyanin Stability in Foods; Mechanism and Kinetics of Degradation. *Trends in Food Science & Technology* 21 (1). 3-11
- Purnomo, H. 2007. *Studi Tentang Stabilitas Protein dan Dendeng Selama Penyimpanan*. Malang : Laporan penelitian Fakultas Peternakan Universitas Brawijaya
- Putri, Atika R. W. dan Nisa, Fithri C. 2015. Ekstraksi Antosianin dari Bunga Mawar Merah (*Rosa damascene Mill*) Sortiran Metode Microwave Assisted Extraction. *Jurnal Pangan dan Agroindustri* 3 (2). 701-712
- Robinson, T. 1995. *Kandungan Organik Tumbuhan Tinggi*. Edisi ke-6. Bandung: Penerbit ITB
- Saati, Elfi A. 2010. Identifikasi dan Uji Kualitas Pigmen Kulit Buah Naga Merah (*Hylocereus costaricensis*) Pada Beberapa Umur Simpan Dengan Perbedaan Jenis Pelarut. *Jurnal Gamma* 6 (1). 1-16
- Sandjaja. 2009. *Kamus Gizi; Pelengkap Kesehatan Keluarga*. Jakarta: Kompas Media Nusantara
- Sari, Reni W., M. Kes. 2008. *Dangerous Junk Food*. Yogyakarta: Niaga Swadaya
- Simanjuntak, L., Sinaga, C., dan Fatimah. 2014. Ekstraksi Pigmen Antosianin dari Kulit Buah Naga Merah (*Hylocereus polyrhizus*). *Jurnal Teknik Kimia USU* 3 ( 2). 25-29
- Sun, Y., Liao, X., Wang, Z., Hu, X., dan Chen, Fang. 2006. Optimization of Microwave Assisted Extraction of Anthocyanins in Red Raspberries and Identification of Anthocyanin of Extracts Using High-Performance Liquid

- Chromatography – Mass Spectrometry. *Europe Food Res Technology* 225. 511-523
- Suyitno, T. 2011. Sifat Penyerapan Lembab Bubuk Buah Durian dan Sirsak. *Agritech 16 (1)*. 5-10
- Syah. 2005. *Manfaat dan Bahaya Bahan Tambahan Pangan*. Bogor: Himpunan Alumni Fakultas Teknologi Pertanian IPB
- Thirugnanasambandham, K. dan Sivakumar, V. 2015. Microwave Assisted Extraction Process of Betalain from Dragon Fruit and Its Antioxidant Activities. *Journal of the Saudi Society of Agricultural Sciences*. 1-8
- Trestianti, M. 2003. *Analisis Rhodamin B pada Makanan dan Minuman Jajanan Anak SD* (Studi Kasus: Sekolah Dasar di Kecamatan Margaasih Kabupaten Bandung). Thesis. ITB. Bandung.
- Wariyah, C., dan Supriyadi. 2010. Isoterm Sorpsi Lembab Beras Berkalsium. *Agritech 30 (4)*. 199-203
- Widowati, S., Herawati, H., Syarief, R., Suyatma, Nugraha E., dan Prasetya, Hendra A. 2010. Pengaruh Isoterm Sorpsi Air Terhadap Stabilitas Beras Ubi. *Jurnal Teknologi dan Industri Pangan, XXI (2)*. 123-128
- Winarno, F. G. 2006. *Kimia Pangan dan Gizi*. Jakarta : PT. Gramedia Pustaka Utama
- Wisesa, Taufik B., dan Widjanarko Simon B. 2014. Penentuan Nilai Maksimum Proses Ekstraksi Kulit Buah Naga Merah (*Hylocereus polyrhizus*). *Jurnal Pangan dan Agroindustri 2 (3)*. 88-97
- Wu, Y., Wang, Y., Zhang, W., Han, J., Liu, Y., Hu, Y., dan Ni, Liang. 2014. Extraction and Preliminary Purification of Anthocyanins from Grape Juice in Aqueous Two-phase System. *Separation and Purification Technology* 124. 170-178
- Xu, Z., Wu, J., Zhang, Y., Hu, X., Liao, X., dan Wang, Zhengfu. 2010. Extraction of Anthocyanins from Red Cabbage Using High Pressure CO<sub>2</sub>. *Bioresource Technology* 101. 7151-7157
- Yang, Z. dan Weiwei, Z. 2010. Optimization of Microwave-Assisted Extraction of Anthocyanins From Purple Corn (*Zea mays* L.) Cob and Identification With HPLC-MS. *Journal of Innovative and Food Science and Emerging Technologies*, 11. 470-476
- Zhang, Y., Butelli E., dan Martin, C. 2014. Engineering Anthocyanin Biosynthesis in Plants. *Current Opinion in Plant Biology* 2014 (19). 81-90