

DAFTAR PUSTAKA

- Amalia, F. 2016. Pengaruh Grade Teh Hijau dan Konsentrasi Gula Stevia (*Stevia rebaudiana bertonii* M.) terhadap Karakteristik Sirup Teh Hijau (*Green tea*) [Skripsi]. Bandung: UNPAD
- Ananingsih, V. K., Sharma, A., & Zhou, W. 2013. Green tea catechins during food processing and storage: A review on stability and detection. *Food Research International*, 50(2), 469–479.
- Anggraini, T. 2017. *Proses dan Manfaat Teh*. Bukittinggi: Rumah Kayu Pustaka Utama.
- Balitri, J. T. 2013. Perkebunan Warta :119 (3). Warta Penelitian dan Pengembangan Tanaman Industri.
- Bogasari Baking Centre. 2003. Demo Membuat Roti dan Noodle. Padang.
- Blois, M.S. 1958. Antioxidant determinations by the use of a stable free radical, *Nature*, 181: 1199-1200.
- [BSN] Badan Standardisasi Nasional. 1992. SNI 01- 3451 - 2011. Syarat Mutu Tapioka. Jakarta: BSN.
- [BSN] Badan Standardisasi Nasional. 1992. SNI 01- 2973 - 2011. Mutu dan Kadar Uji. Jakarta: BSN.
- [BSN] Badan Standardisasi Nasional. 1992. SNI 01- 3945 - 2016. Syarat Mutu Teh Hijau. Jakarta: BSN.
- [BSN] Badan Standardisasi Nasional. 1992. SNI 01- 3727 - 1995. Syarat Tepung Jagung. Jakarta: BSN.
- [BSN] Badan Standardisasi Nasional. 1992. SNI 01- 3549 - 2009. Syarat Tepung Beras. Jakarta: BSN.
- Cahyani, D.I. 2015. Pengaruh Penambahan Teh Hijau terhadap Aktivitas Antioksidan dan Kadar Protein Minuman Fungsional Susu Kedelai dan Madu [Skripsi]. Semarang: UNDIP.
- Bajerska, J., Mildner-Szkodlarz, S., Jeszka, J., & Szwengiel, A. 2010. Catechin stability, antioxidant properties and sensory profiles of rye breads fortified with green tea extracts. *Journal of Food and Nutrition Research*, 49(2), 104–111.
- Bruno, R. S., Bomser, J. A., & Ferruzzi, M. G. 2014. Antioxidant Capacity of Green Tea (*Camellia sinensis*). Processing and Impact on Antioxidants in Beverages. Elsevier.

- Charles, A. L., Chang, Y. H., Ko, W. C., Sriroth, K., & Huang, T. C. 2004. Some physical and chemical properties of starch isolates of cassava genotypes. *Starch/Staerke*, 56(9), 413–418.
- Chaudhari, P.R., Tamrakar, N., Singh, L., Tandon, A., & Sharma, D. 2018. Rice nutritional and medicinal properties: A review article. *Journal of Pharmacognosy and Phytochemistry*, 7(2): 150-156.
- Clerici, M. T. P. S., Airoidi, C., & El-Dash, A. A. (2009). Production of acidic extruded rice flour and its influence on the qualities of gluten-free bread. *Lebensmittel Wissenscha Technologie*. 42(2), 618-623.
- Conte, P., Del Caro, A., Urgeghe, P. P., Petretto, G. L., Montanari, L., Piga, A., & Fadda, C. 2020. Nutritional and aroma improvement of gluten-free bread: is bee pollen effective? *Lwt*, 118.
- Cornicelli, M., Saba, M., Machello, N., Silano, M., & Neuhold, S. 2018. Nutritional composition of gluten-free food versus regular food sold in the Italian market. *Digestive and Liver Disease*, 50(12), 1305–1308.
- Costantini, L., Lukšič, L., Molinari, R., Kreft, I., Bonafaccia, G., Manzi, L., & Merendino, N. 2014. Development of gluten-free bread using tartary buckwheat and chia flour rich in flavonoids and omega-3 fatty acids as ingredients. *Food Chemistry*, 165, 232–240.
- De la Barca, A. M. C., Rojas-Martínez, M. E., Islas-Rubio, A. R., & Cabrera-Chávez, F. 2010. Gluten-Free Breads and Cookies of Raw and Popped Amaranth Flours with Attractive Technological and Nutritional Qualities. *Plant Foods for Human Nutrition*, 65(3), 241–246.
- Direktorat Gizi Departemen Kesehatan Republik Indonesia. 2005. Daftar Komposisi Bahan Makanan: Kandungan Gizi Tepung Beras.
- Direktorat Jenderal tanaman Pangan. 2009. Leaflet “Peningkatan Produktivitas Ubi Kayu”. Jakarta: Direktorat Jenderal tanaman Pangan, DEPTAN RI.
- Faridah, HM. 2015. Pengaruh Jumlah Air dan Jenis Hidrokoloid terhadap Formula Roti Tawar Mini Bebas Gluten Berbasis Tepung Beras, Pati Jagung, dan Pati Singkong [Skripsi]. Bogor: IPB.
- Farooq, S., & Sehgal, A. 2018. Antioxidant Activity of Different Forms of Green Tea: Loose Leaf, Bagged and Matcha. *Food and Nutrion Journal*, 6(1): 35-40
- Fennema, O.W. 1985. *Principle of Food Science, Food Chemistry, 2nd (ed)*. Marcel Dekker Inc. New York

- Fu, Z., Yoo, M. J. Y., Zhou, W., Zhang, L., Chen, Y., & Lu, J. 2018. Effect of (-)-epigallocatechin gallate (EGCG) extracted from green tea in reducing the formation of acrylamide during the bread baking process. *Food Chemistry*, 242, 162–168.
- Gambus H., Nowotna A., Ziobro R., Gumul D., & Sikora M. 2001. The effect of use of guar gum with pectinmixture in gluten-free bread. *Electron J Polish Agric Univ* 4:1-13.
- Gardjito, M., A. Djurwardi, & E. Hamayani. 2013. *Pangan Nusantara “Karakteristik dan Prospek untuk Percepatan Diversifikasi Pangan*. Jakarta: Kencana Prenada Media Group.
- Girard, A. L., Castell-Perez, M. E., Bean, S. R., Adrianos, S. L., & Awika, J. M. 2016. Effect of Condensed Tannin Profile on Wheat Flour Dough Rheology. *Journal of Agricultural and Food Chemistry*, 64(39), 7348–7356.
- Gobbetti, M., & Gänzle, M. 2013. *Handbook on sourdough biotechnology. Handbook on Sourdough Biotechnology*.
- Goh, R., Gao, J., Ananingsih, V. K., Ranawana, V., Henry, C. J., & Zhou, W. 2015. Green tea catechins reduced the glycaemic potential of bread: An in vitro digestibility study. *Food Chemistry*, 180, 203–210.
- Graham, H. N. 1992. Green tea composition, consumption, and polyphenol chemistry. *Preventive Medicine*, 21(3), 334–350.
- Handayani, D., Abdul, M., & Anna, S. R. 2014. Optimasi Ekstraksi Ampas Teh Hijau (*Camellia sinensis*) Menggunakan Metode Microwave Assisted Extraction Untuk Menghasilkan Ekstrak Teh Hijau. *Traditional Medicine Journal*, 19(1): 29-35.
- Han, C-W., Ma, M., Zhang, H-H., Li, M., & Sun, Q-J. 2019. Progressive study of the effect of superfine green tea, soluble tea, and tea polyphenols on the physico-chemical and structural properties of wheat gluten in system. *Food Chemistry*. 308: 125767.
- Heiss, ML. 2008. Matcha the gossamer tea powder of Japan. *The Leaf* 4: 20–24.
- Higdon, J. V., & Frei, B. 2003. Tea Catechins and Polyphenols: Health Effects, Metabolism, and Antioxidant Functions. *Critical Reviews in Food Science and Nutrition*, 43(1), 89–143.
- Horie, H., Ema, K., & Sumikawa, O. 2017. Chemical components of Matcha and powdered green tea. *J. Cook. Sci. Jap.* (Nippon Chourikagaku Kaishi), 50:182–188

- Jnawali, P., Kumar, V., & Tanwar, B. 2016. Celiac disease: Overview and considerations for development of gluten-free foods. *Food Science and Human Wellness*, 5(4), 169–176.
- Karori, S.M., Wachira, F.N., Wanyoko, J.K., & Ngure, R.M. 2007. Antioxidant Capacity of Different Types of Tea Products. *African Journal of Biotechnology*, 6(19).
- Komes, D., Horži'c, D., Belš'cak, A., Gani'c, K.K., & Vuli'c, I. 2010. Green tea preparation and its influence on the content of bioactive compounds. *Food Res. Int.*, 43: 167–176
- Koswara, Sutrisno. 2009. *Teknologi Pengolahan Roti*. Ebookpangan.com. [Senin, 21 Oktober 2019].
- Lazaridou, A., Duta, D., Papageorgiou, M., & Biliaderis, C. G. 2007. Effects of hydrocolloids on dough rheology and bread quality parameters in gluten-free formulation. *Food Engineering*. 79:1033-1047.
- Lestari, D. P. 2010. Karakterisasi Fisikokimia Tepung Sorgum Fermentasi dan Aplikasinya sebagai Bahan Substitusi Roti Tawar [Skrripsi]. Bogor : IPB.
- Lopez A. C. B, Pereira, A. J. G., & Junqueira, R. G. 2004. Flour Mixture of Rice Flour, Corn and Cassava Starch in the Production of Gluten-Free White Bread. *Brazilian Archiev Biology Technology*, 47(1): 66-70.
- Linda. 2010. Rice Bead Gluten Free. <https://www.rotinrice.com/rice-bread-gluten-free/>. [Senin, 21 Oktober 2019].
- Lu, T. M., Lee, C. C., Mau, J. L., & Lin, S. D. 2010. Quality and antioxidant property of green tea sponge cake. *Food Chemistry*, 119(3), 1090–1095.
- Mandala, I., & Kapsokefalou, M. 2011. Gluten-Free Bread: Sensory, Physicochemical, and Nutritional Aspects. Flour and Breads and their Fortification in Health and Diseases Prvention. Chapter 15.
- Marotti, M., Lucisano, M., & Pagani, M.A. 2009. The role of corn starch, amaranth flour, pea isolate, and *Psyllium* flour on the rheological properties and the ultrastructure of gluten-free doughs. *Food Research International*. 42: 963-975.
- Moreno, M. de L., Comino, I., & Sousa, C. 2014. Alternative grains as potential rawmaterial for gluten-free food development in the diet of celiac and glutensensitive patients. *Austin J Nutri Food Sci* , 2(3), 1016.
- Moorthy, S.N. 2004. Tropical sources of starch. Di dalam: Ann Charlotte Eliasson (ed). *Starch in Food: Structure, Function, and Application*. CRC Press, Baco Raton, Florida.

- Muchtadi, T.R & Sugiyono. 2013. Prinsip Proses Dan Teknologi Pangan. Alfabeta: Bandung.
- Mudjajanto, S.E. & L.N. Yulianti. 2004. Membuat Aneka Roti. Jakarta : Swadaya.
- Ning, J., Hou, G.G., Sun, J., Wan, X., & Dubat, A. 2019. Effect of green tea powder on the quality attributes and antioxidant activity of whole-wheat flour pan bread. *Food Science and Technology*. 79(2017): 342-348
- Oktadiana, H., Murdani A., Kaka R., & Nury D. 2017. Diagnosis dan Tata Laksana Penyakit *Celia*. *Penyakit Dalam Indonesia* 4(3).
- Olcott, T. 2014. Lipophilic and Hydrophilic Antioxidant Capacities of Common Foods in the US. *Journal of Agriculture and Food Chemistry*.
- Onishi, S., Mori, T., Kanbara, H., Habe, T., Ota, N., Kurebayashi, Y., & Suzuki, T. 2020. Green tea catechins adsorbed on the murine pharyngeal mucosa reduce influenza A virus infection. *Journal of Functional Foods*, 68(February), 103894.
- Park, D.J., Imm JY, & Ku KH. 2001. Improved dispersibility of green tea powder by microparticulation and formulation. *Journal of Food Science* 66: 793-98.
- Parmar. 2012. Kandungan Kimia Teh Hijau. <https://ulyadays.com/kandungan-kimia-teh-hijau/>. [Selasa, 22 Oktober 2019].
- Pastoriza, S., Mesías, M., Cabrera, C., & Rufián-Henares, 2017. J.A. Healthy properties of green and white teas: An update. *Jurnal Food Funct.*, 8 :2650–2662.
- Pedreschi, F., León, J., Mery, D., & Moyano, P. 2006. Development of a computer vision system to measure the color of potato chips. *Food Research International*, 39(10), 1092–1098.
- Preichardt, L. D., Vendruscolo, C. T., Gularte, M. A., & Moreira, A. D. S. 2011. The role of xanthan gum in the quality of gluten free cakes: Improved bakery products for coeliac patients. *International Journal of Food Science and Technology*, 46(12), 2591–2597.
- Poedjiadi, A. 1994. *Dasar-Dasar Biokimia*. Jakarta: UI-Press.
- Qamar, S., Aslam, M., Huyop, F., & Javed, M.A. 2017. Comparative Study For The Determination of Nutritional Composition In Commercial and Noncommercial Maize Flour. *Pakistan Journal of Botany* 49(2):519-523.
- Rahardjo, M., Wahyu, F. D., & Nadia, E. T. 2020. Physical, Sensory Characteristics, and Antioxidant Activity of Wheat Bread with Green Tea Powder Addition. *Jurnal Pangan dan Agroindustri*, 8(1), 47–55.

- Riza Ibnu Fajar, Wrasianti, L. P., & Suhendra, L. 2018. Kandungan senyawa flavonoid dan aktivitas antioksidan ekstrak teh hijau pada perlakuan suhu awal dan lama penyeduhan. *Rekayasa dan Manajemen Agroindustri*, 6(3), 196–202.
- Reto, M., Figueira, M.E., Filipe, H.M., & Almeida, C.M.M. 2007b. Chemical Composition of Green Tea (*Camelia sinensis*) infusions Commercialized in Portugal. *Plant Food Hum. Nutr*, 62: 139 – 144.
- Samuel, F.O., Bolanle, O.O., & Titilope, A. 2012. Nutrient and Anti-Nutrient Content of Soy Enriched Tapioca. *Food and Nutrition Sciences*. 3 : 784-789.
- Sanchez HD, Osella CA, & De La Torre MA. 2002. Optimization of Gluten-Free Bread Prepared from Cornstarch, Rice Flour, and Cassava Starch. *J Food Science*. Vol 67(1): 416-419.
- Selmo, M. S. dan Salas-Mellado, M. M. 2014. Technological Quality of Bread from Rice Flour With Spirulina. *International Food Research Journal*, 21(4):1523.
- Setyaningsih, D. Apriyantono, & A. Sari, P. M. 2010. *Analisis Sensori untuk Industri Pangan dan Agro*. Bogor: IPB.
- Shah, T.R., Prasad, K., & Kumar, P. 2016. Maize- A Potential Source of Human Nutrition and Health: A Review. *Cogent Food And Agriculture* 2(1).
- Sharoba, A. M., Abd El-Salam, A. M., & Hoda, H. H. 2014. Production and evaluation of gluten-free biscuits as functional foods for celiac disease patients. *Journal of Agroalimentary Processes and Technologies* , 20(3), 203–214.
- Shimadzu. 2016. Application News Hight Performnce Liquid Chromatography High Speed. High Resolution Analysis (Part 19) Analysis of Catechin in Green Tea Drink. Shimadzu Corporation, International Marketing Division. Japan. No L373A.
- Singh, R., Akhtar, N., & Haqqi, T. M. 2010. Green tea polyphenol epigallocatechi3-gallate: Inflammation and arthritis. *Life Sciences*, 86(25–26), 907–918.
- Silalahi, J. 2006. *Makanan Fungsional*. Yogyakarta: Kanisius.
- Somboonvechakarn, C. (n.d.). The Effects of Green Tea Extract on Soy Bread Physical Properties and Total Phenolic Content Chanun Somboonvechakarn Advised by : Dr . Yael Vodovotz The Ohio State University Department of Food Science and Technology.
- Suarni. 2009. Prospek Pemanfaatan Tepung Jagung Untuk Kue Kering (*Cookies*). *Jurnal Litbang Pertanian* 28(2): 63-71.

- Sudarmadji, S. Haryono, & B. Suhardi. 1997. *Prosedur Analisa untuk Bahan Makanan dan Pertanian. Edisi Keempat*. Yogyakarta: Liberty.
- Sulistyo, J., Nurdiana, H., & Elizar. 2003. *Pengembangan Kerja Sama Riset, Teknologi Produksi, dan Pemasaran Produk Hilir Teh Prosiding Simposium Teh Nasional*. Bandung: Pusat Penelitian Teh Kina Gambung.
- Sutarna, T.H., Alatas, F., & Al Hakim, N.A. 2016. Pemanfaatan Ekstrak Daun Teh Hijau (*Camellia sinensis* L.) Sebagai Bahan Aktif Pembuatan Sediaan Krim tabir Surya. *Jurnal Ilmiah Farmasi* 4(2): 32-35.
- Tapia, A.R., Hill, I. D., Kelly, C. P., Calderwood, A. H., & Murray, J. A. 2013. American College of Gastroenterology Clinical Guideline : Diagnosis and Management of Celiac disease. *Am J Gastroenterol*, 108(5):656–77.
- Torbica, A., Hadnadev, M., & Dapdevic. 2010. Rheological, textural and sensory properties of gluten-free- bread formulations based on rice and buckwheat flour. *Food Hydrocolloids*. 24: 626-632.
- Towaha, Juniaty. 2013. Kandungan Senyawa Kimia Pada Daun Teh (*Camellia sinensis*). *Jurnal Pengembangan Tanaman Industri*. 3(19): 12-16.
- Turehetti, B., Pinelli, P., Buzzini, P., Romani, A., Heimler, D., Franconi, F., & Martini, A. 2005. In vitro antimycotic activity of some plant extracts towards yeast and yeast-like strains. *Phytotherapy Research*, 19(1), 44–49.
- Udal, K.G. 2012. *Green Tea (2nd Edition): Matcha and More!* USA : Wudland Publishing.
- Wan, X. C. 2007. *Tea biochemistry*. Beijing: China agriculture press.
- Wang, R., Zhou, W., & Isabelle, M. 2007. Comparison study of the effect of green tea extract (GTE) on the quality of bread by instrumental analysis and sensory evaluation. *Food Research International*, 40(4), 470–479.
- Wardiyah, H., Alioes, Y., & Pertiwi, D. 2014. Penelitian Perbandingan Reaksi Zat Besi Terhadap Teh Hitam dan Teh Hijau Secara In Vitro dengan Menggunakan Spektrofotometer Uv-Vis. *Kesehatan Andalas*. 3(1): 49–53.
- Weiss, D.J., & Christopher RA. 2003. Determination of catechins in matcha green tea by micellar electrokinetic chromatography. *Journal of Chromatography A*, 1011: 173-180.
- Winarno. F. G. 1991. *Kimia Pangan dan Gizi*. Jakarta: Gramedia.
- Winarno, F. G., 2004. *Kimia Pangan dan Gizi. Cetakan ke-XI*. Jakarta: Gramedia Pustaka Utama.

- Wulandari, A. 2014. Aktifitas Antioksidan Kombucha Daun Kopi (*Coffe Arabica*) Dengan Variasi Lama Waktu Fermentasi Dan Konsentrasi Ekstrak. [Naskah Publikasi]. Universitas Muhammadiyah Surakarta. Surakarta.
- Wu, J. H. Y., Neal, B., Trevena, H., Crino, M., Stuart-Smith, W., Faulkner-Hogg, K., ... & Dunford, E. 2015. Are gluten-free foods healthier than non-gluten-free foods? An evaluation of supermarket products in Australia. *British Journal of Nutrition*, 114(3), 448–454.
- Yenrina, R. 2015. *Metode Analisis Bahan Pangan dan Komponen Bioaktif*. Padang: Andalas University Press.

