

## 5. DAFTAR PUSTAKA

- Abdel-Samie, M. A. S., Wan, J., Huang, W., Chung, O. K., & Xu, B. (2010). Effects of cumin and ginger as antioxidants on dough mixing properties and cookie quality. *Cereal Chemistry*, 87(5), 454–460. <https://doi.org/10.1094/CCHEM-01-10-0012>
- Aguayo-Rojas, J., Mora-Rochín, S., Cuevas-Rodríguez, E. O., Serna-Saldivar, S. O., Gutierrez-Urbe, J. A., Reyes-Moreno, C., & Milán-Carrillo, J. (2012). Phytochemicals and Antioxidant Capacity of Tortillas Obtained after Lime-Cooking Extrusion Process of Whole Pigmented Mexican Maize. *Plant Foods for Human Nutrition*, 67(2), 178–185. <https://doi.org/10.1007/s11130-012-0288-y>
- Alvarez-Jubete, L., Wijngaard, H., Arendt, E. K., & Gallagher, E. (2010). Polyphenol composition and in vitro antioxidant activity of amaranth, quinoa buckwheat and wheat as affected by sprouting and baking. *Food Chemistry*, 119(2), 770–778. <https://doi.org/10.1016/j.foodchem.2009.07.032>
- Anggraeni, M. C., Nurwantoro, & Abduh, S. B. M. (2017). Sifat Fisikokimia Roti Yang Dibuat Dengan Bahan Dasar Tepung Terigu Yang Ditambah Berbagai Jenis Gula. *Jurnal Aplikasi Teknologi Pangan*, 6(1), 52–56. <https://doi.org/10.17728/jatp.214>
- Apak, R., Özyürek, M., Güçlü, K., & Çapanoğlu, E. (2016). Antioxidant activity/capacity measurement. 1. Classification, physicochemical principles, mechanisms, and electron transfer (ET)-based assays. *Journal of Agricultural and Food Chemistry*, 64(5), 997–1027. <https://doi.org/10.1021/acs.jafc.5b04739>
- Arab, F., Alemzadeh, I., & Maghsoudi, V. (2011). Determination of antioxidant component and activity of rice bran extract. *Scientia Iranica*, 18(6), 1402–1406. <https://doi.org/10.1016/j.scient.2011.09.014>
- Arora, B., Kamal, S., & Sharma, V. P. (2017). Sensory, nutritional and quality attributes of sponge cake supplemented with mushroom (*agaricus bisporus*) powder. *Nutrition and Food Science*, 47(4), 578–590. <https://doi.org/10.1108/NFS-12-2016-0187>
- Ateş, G., & Elmacı, Y. (2019). Physical, chemical and sensory characteristics of fiber-enriched cakes prepared with coffee silverskin as wheat flour substitution. *Journal of Food Measurement and Characterization*, 13(1), 755–763. <https://doi.org/10.1007/s11694-018-9988-9>
- Azizah, N., Al-bAARI, A., & Mulyani, S. (2012). Pengaruh Lama Fermentasi Terhadap Kadar Alkohol, pH, dan Produksi Gas pada Proses Fermentasi Bioetanol dari Whey dengan Substitusi Kulit Nanas. *Jurnal Aplikasi Teknologi Pangan*, 1(2), 72–77. <http://jatp.ift.or.id/index.php/jatp/article/view/73>
- Baik, O. D., Marcotte, M., Sablani, S. S., & Castaigne, F. (2001). Thermal and physical properties of bakery products. In *Critical Reviews in Food Science and Nutrition* (Vol. 41, Nomor 5). <https://doi.org/10.1080/20014091091832>

- Bessada, S. M. F., Alves, R. C., Costa, A. S. G., Nunes, M. A., & Oliveira, M. B. P. P. (2018). *Coffea canephora* silverskin from different geographical origins: A comparative study. *Science of the Total Environment*, 645, 1021–1028. <https://doi.org/10.1016/j.scitotenv.2018.07.201>
- Bhat, N. A., Wani, I. A., & Hamdani, A. M. (2020). Tomato powder and crude lycopene as a source of natural antioxidants in whole wheat flour cookies. *Heliyon*, 6(1), e03042. <https://doi.org/10.1016/j.heliyon.2019.e03042>
- Charissou, A., Ait-Ameur, L., & Birlouez-Aragon, I. (2007). Kinetics of formation of three indicators of the Maillard reaction in model cookies: Influence of baking temperature and type of sugar. *Journal of Agricultural and Food Chemistry*, 55(11), 4532–4539. <https://doi.org/10.1021/jf063024j>
- Chavan, J. K., & Kadam, S. S. (1993). Nutritional enrichment of bakery products by supplementation with nonwheat flours. *Critical Reviews in Food Science and Nutrition*, 33(3), 189–226. <https://doi.org/10.1080/10408399309527620>
- Cheng, L., Jin, C., & Zhang, Y. (2014). Investigation of Variations in the Acrylamide and Nε-(Carboxymethyl) Lysine Contents in Cookies during Baking. *Journal of Food Science*, 79(5). <https://doi.org/10.1111/1750-3841.12450>
- Chua, L. S. (2013). A review on plant-based rutin extraction methods and its pharmacological activities. *Journal of Ethnopharmacology*, 150(3), 805–817. <https://doi.org/10.1016/j.jep.2013.10.036>
- Darmawansyah, A., & Ninsix, R. (2016). Studi Pembuatan Roti Manis dengan Substitusi Tepung Ubi Jalar Kuning. *Jurnal Teknologi Pertanian*, 5(1). <https://doi.org/10.32520/jtp.v5i1.88>
- Deleu, L. J., Luyts, A., Wilderjans, E., Van Haesendonck, I., Brijs, K., & Delcour, J. A. (2019). Ohmic versus conventional heating for studying molecular changes during pound cake baking. *Journal of Cereal Science*, 89(December 2018), 102708. <https://doi.org/10.1016/j.jcs.2019.01.008>
- Dewettinck, K., Van Bockstaele, F., Kühne, B., Van de Walle, D., Courtens, T. M., & Gellynck, X. (2008). Nutritional value of bread: Influence of processing, food interaction and consumer perception. *Journal of Cereal Science*, 48(2), 243–257. <https://doi.org/10.1016/j.jcs.2008.01.003>
- Dwi, S., Andrawulan, N., & dkk. (2014). Formulasi dan Karakterisasi Cake Berbasis Tepung Komposit Organik Kacang Merah, Kedelai, dan Jagung. *Jurnal Aplikasi Teknologi Pangan*, 3(January 2014), 54–59. <http://jatp.ift.or.id/index.php/jatp/article/view/151>
- El-Ghorab, A. H., Nauman, M., Anjum, F. M., Hussain, S., & Nadeem, M. (2010). A Comparative study on chemical composition and antioxidant activity of ginger (*Zingiber officinale*) and cumin (*Cuminum cyminum*). *Journal of Agricultural and Food Chemistry*, 58(14), 8231–8237. <https://doi.org/10.1021/jf101202x>
- Elmastas, M., Isildak, O., Turkecul, I., & Temur, N. (2007). Determination of antioxidant activity and antioxidant compounds in wild edible mushrooms. *Journal of Food Composition and Analysis*, 20(3–4), 337–345. <https://doi.org/10.1016/j.jfca.2006.07.003>

- Fu, J. T., Chang, Y. H., & Shiau, S. Y. (2015). Rheological, antioxidative and sensory properties of dough and Mantou (steamed bread) enriched with lemon fiber. *LWT - Food Science and Technology*, *61*(1), 56–62. <https://doi.org/10.1016/j.lwt.2014.11.034>
- Fu, J. T., Shiau, S. Y., & Chang, R. C. (2014). Effect of calamondin fiber on rheological, antioxidative and sensory properties of dough and steamed bread. *Journal of Texture Studies*, *45*(5), 367–376. <https://doi.org/10.1111/jtxs.12087>
- Handayani, A. M., Suhartatik, N., & Rahayu, K. (2017). *Aktivitas Antioksidan Bolu Kukus Ubi Jalar Ungu Dengan Variasi Substitusi Ubi Jalar Ungu Dan Lama Fermentasi*. *2*(2), 19–30. <http://jurnal.syntaxliterate.co.id/index.php/syntax-literate/article/view/64>
- Hao, M., & Beta, T. (2012). Development of Chinese steamed bread enriched in bioactive compounds from barley hull and flaxseed hull extracts. *Food Chemistry*, *133*(4), 1320–1325. <https://doi.org/10.1016/j.foodchem.2012.02.008>
- Hardoko, Hendarto, L., & Siregar, T. M. (2010). PEMANFAATAN UBI JALAR UNGU (*Ipomoea batatas* L. Poir) SEBAGAI PENGGANTI SEBAGIAN TEPUNG TERIGU DAN SUMBER ANTIOKSIDAN PADA ROTI TAWAR. *Jurnal Teknologi dan Industri Pangan*, *XXI*(1), 25–32. <https://doi.org/10.1136/bmj.2.4731.605-b>
- Haryani, K., Hargono, Handayani, N. A., Ramadani, P., & Rezekia, D. (2017). Substitusi Terigu Dengan Pati Sorgum Terfermentasi Pada Pembuatan Roti Tawar: Studi Suhu Pemanggangan. *Jurnal Aplikasi Teknologi Pangan*, *6*(2), 61–64. <https://doi.org/10.17728/jatp.197>
- Herbach, K. M., Stintzing, F. C., & Carle, R. (2006). Betalain stability and degradation - Structural and chromatic aspects. *Journal of Food Science*, *71*(4), 41–50. <https://doi.org/10.1111/j.1750-3841.2006.00022.x>
- Hui, Y. H., Corke, H., De Leyn, I., Nip, W.-K., & Swanson, R. B. (2006). *Baking products: science and technology*. Blackwell Publishing. [https://www.academia.edu/31644786/Bakery\\_Products\\_Science\\_and\\_Technology](https://www.academia.edu/31644786/Bakery_Products_Science_and_Technology)
- Husna, N. El, Novita, M., & Rohaya, S. (2013). Kandungan Antosianin dan Aktivitas Antioksidan Ubi Jalar Ungu Segar dan Produk Olahannya. *Agritech*, *33*(3), 296–302. <https://doi.org/10.22146/agritech.9551>
- Inglett, G. E., Chen, D., Berhow, M., & Lee, S. (2011). Antioxidant activity of commercial buckwheat flours and their free and bound phenolic compositions. *Food Chemistry*, *125*(3), 923–929. <https://doi.org/10.1016/j.foodchem.2010.09.076>
- Irakli, M., Katsantonis, D., & Kleisiaris, F. (2015). Evaluation of quality attributes, nutraceutical components and antioxidant potential of wheat bread substituted with rice bran. *Journal of Cereal Science*, *65*, 74–80. <https://doi.org/10.1016/j.jcs.2015.06.010>
- Jiao, Y., Yang, Z., Jiang, Y., & Zhai, W. (2012). Study on chemical constituents and antioxidant activity of anthocyanins from purple sweet potato (*Ipomoea batatas* L.). *International Journal of Food Engineering*, *8*(2). <https://doi.org/10.1515/1556-3758.2296>

- Karadag, A., Ozcelik, B., & Saner, S. (2009). Review of methods to determine antioxidant capacities. *Food Analytical Methods*, 2(1), 41–60. <https://doi.org/10.1007/s12161-008-9067-7>
- Kaur, M., Singh, V., & Kaur, R. (2017). Effect of partial replacement of wheat flour with varying levels of flaxseed flour on physicochemical, antioxidant and sensory characteristics of cookies. *Bioactive Carbohydrates and Dietary Fibre*, 9(November 2016), 14–20. <https://doi.org/10.1016/j.bcdf.2016.12.002>
- Kulp, K., Chung, H., Martinez-Anaya, M. A., & Doerry, W. (1985). Fermentation of Water Ferments and Bread Quality. In *Journal of Cereal Chemistry* (Vol. 62, Nomor 1, hal. 55–59). <https://purplefoodie.com/breadfermentation.pdf>
- Kulp, Karel, & Lorenz, K. (2003). Handbook of Dough Fermentations. In *Handbook of Dough Fermentations*. Marcel Dekker, Inc. <https://doi.org/10.1201/9780203911884>
- Ladan Moghadam, A. R. (2016). Chemical Composition and Antioxidant Activity Cuminum cyminum L. Essential Oils. *International Journal of Food Properties*, 19(2), 438–442. <https://doi.org/10.1080/10942912.2015.1038355>
- Leong, L. P., & Shui, G. (2002). An investigation of antioxidant capacity of fruits in Singapore markets. *Food Chemistry*, 76(1), 69–75. [https://doi.org/10.1016/S0308-8146\(01\)00251-5](https://doi.org/10.1016/S0308-8146(01)00251-5)
- Li, D., Li, X., & Ding, X. (2010). Composition and antioxidative properties of the flavonoid-rich fractions from tartary buckwheat grains. *Food Science and Biotechnology*, 19(3), 711–716. <https://doi.org/10.1007/s10068-010-0100-4>
- Li, H., Deng, Z., Zhu, H., Hu, C., Liu, R., Young, J. C., & Tsao, R. (2012). Highly pigmented vegetables: Anthocyanin compositions and their role in antioxidant activities. *Food Research International*, 46(1), 250–259. <https://doi.org/10.1016/j.foodres.2011.12.014>
- Lim, H. S., Park, S. H., Ghafoor, K., Hwang, S. Y., & Park, J. (2011). Quality and antioxidant properties of bread containing turmeric (*Curcuma longa* L.) cultivated in South Korea. *Food Chemistry*, 124(4), 1577–1582. <https://doi.org/10.1016/j.foodchem.2010.08.016>
- Lim, J. H., Park, K. J., Kim, B. K., Jeong, J. W., & Kim, H. J. (2012). Effect of salinity stress on phenolic compounds and carotenoids in buckwheat (*Fagopyrum esculentum* M.) sprout. *Food Chemistry*, 135(3), 1065–1070. <https://doi.org/10.1016/j.foodchem.2012.05.068>
- Lin, S. D., & Lee, C. C. (2005). Qualities of chiffon cake prepared with indigestible dextrin and sucralose as replacement for sucrose. *Cereal Chemistry*, 82(4), 405–413. <https://doi.org/10.1094/CC-82-0405>
- Liu, C. L., Chen, Y. S., Yang, J. H., & Chiang, B. H. (2008). Antioxidant activity of tartary (*Fagopyrum tataricum* (L.) gaertn.) and common (*Fagopyrum esculentum* moench) buckwheat sprouts. *Journal of Agricultural and Food Chemistry*, 56(1), 173–178. <https://doi.org/10.1021/jf072347s>
- Liu, Q., & Yao, H. (2007). Antioxidant activities of barley seeds extracts. *Food Chemistry*, 102(3), 732–737. <https://doi.org/10.1016/j.foodchem.2006.06.051>

- Lopez-Martinez, L. X., Parkin, K. L., & Garcia, H. S. (2011). Phase II-Inducing, Polyphenols Content and Antioxidant Capacity of Corn (*Zea mays* L.) from Phenotypes of White, Blue, Red and Purple Colors Processed into Masa and Tortillas. *Plant Foods for Human Nutrition*, 66(1), 41–47. <https://doi.org/10.1007/s11130-011-0210-z>
- 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. <https://doi.org/10.1016/j.foodchem.2009.08.015>
- Mahmudatussa'adah, A., Chen, Y. S., Yang, J. H., & Chiang, B. H. (2014). KARAKTERISTIK WARNA DAN AKTIVITAS ANTIOKSIDAN ANTOSIANIN UBI JALAR UNGU [Color Characteristics and Antioxidant Activity of Anthocyanin Extract from Purple Sweet Potato]. *Jurnal Teknologi dan Industri Pangan*, 25(2), 176–184. <https://doi.org/10.6066/jtip.2014.25.2.176>
- Masmoudi, M., Yaich, H., Borchani, M., Mbarki, R., & Attia, H. (2020). Chemical, physical and sensory characteristics of biscuits enriched with jujube (*Zizyphus lotus* L.) flour and fiber concentrate. *Journal of Food Science and Technology*, 58(4), 1411–1419. <https://doi.org/10.1007/s13197-020-04652-7>
- Mau, J. L., Lu, T. M., Lee, C. C., Lin, L. Y., Cheng, C. H., & Lin, S. D. (2014). Physicochemical, Antioxidant and Sensory Characteristics of Chiffon Cakes Fortified with Various Tea Powders. *Journal of Food Processing and Preservation*, 39(5), 443–450. <https://doi.org/10.1111/jfpp.12249>
- Najjaa, H., Arfa, A. Ben, Elfalleh, W., Zouari, N., & Neffati, M. (2020). Jujube (*Zizyphus lotus* L.): Benefits and its effects on functional and sensory properties of sponge cake. *PLoS ONE*, 15(2), 1–14. <https://doi.org/10.1371/journal.pone.0227996>
- Nanditha, B., & Prabhasankar, P. (2009). Antioxidants in bakery products: A review. *Critical Reviews in Food Science and Nutrition*, 49(1), 1–27. <https://doi.org/10.1080/10408390701764104>
- Nindyarani, A. K., Sutardi, & Suparmo. (2011). KARAKTERISTIK KIMIA, FISIK DAN INDERAWI TEPUNG UBI JALAR UNGU (*Ipomoea batatas* Poiret) DAN PRODUK OLAHANNYA. *Agritech*, 31(4), 273–280. <https://doi.org/10.22146/agritech.9634>
- Ning, J., Hou, G. G., Sun, J., Wan, X., & Dubat, A. (2017). Effect of green tea powder on the quality attributes and antioxidant activity of whole-wheat flour pan bread. *LWT - Food Science and Technology*, 79, 342–348. <https://doi.org/10.1016/j.lwt.2017.01.052>
- Olawuyi, I. F., & Lee, W. Y. (2019). Quality and antioxidant properties of functional rice muffins enriched with shiitake mushroom and carrot pomace. *International Journal of Food Science and Technology*, 54(7), 2321–2328. <https://doi.org/10.1111/ijfs.14155>
- Omwamba, M., & Hu, Q. (2009). Antioxidant capacity and antioxidative compounds in barley (*hordeum vulgare* l.) grain optimized using response surface methodology in hot air roasting. *European Food Research and Technology*, 229(6), 907–914. <https://doi.org/10.1007/s00217-009-1128-7>

- Othman, A., Ismail, A., Abdul Ghani, N., & Adenan, I. (2007). Antioxidant capacity and phenolic content of cocoa beans. *Food Chemistry*, *100*(4), 1523–1530. <https://doi.org/10.1016/j.foodchem.2005.12.021>
- Öztürk, E., & Ova, G. (2020). Cocoa Bean Hulls: Effect on Nutritional Quality, Texture and Sensory Properties of Pound Cake. *Turkish Journal of Agriculture - Food Science and Technology*, *8*(3), 560. <https://doi.org/10.24925/turjaf.v8i3.560-567.2865>
- Park, J. E., Kwhak, S. H., & Jang, M. S. (2011). Optimization of the steamed foam cakes prepared with separated egg- sponge method using response surface methodology. *Food Science and Biotechnology*, *20*(3), 571–578. <https://doi.org/10.1007/s10068-011-0081-y>
- Park, S. H., Lim, H. S., & Hwang, S. Y. (2012). Evaluation of antioxidant, rheological, physical and sensorial properties of wheat flour dough and cake containing turmeric powder. *Food Science and Technology International*, *18*(5), 435–443. <https://doi.org/10.1177/1082013211428220>
- Pathare, P. B., Opara, U. L., & Al-Said, F. A. J. (2013). Colour Measurement and Analysis in Fresh and Processed Foods: A Review. *Food and Bioprocess Technology*, *6*(1), 36–60. <https://doi.org/10.1007/s11947-012-0867-9>
- Patras, A., Brunton, N. P., O'Donnell, C., & Tiwari, B. K. (2010). Effect of thermal processing on anthocyanin stability in foods; mechanisms and kinetics of degradation. *Trends in Food Science and Technology*, *21*(1), 3–11. <https://doi.org/10.1016/j.tifs.2009.07.004>
- Pradedova, E. V., Isheeva, O. D., & Salyaev, R. K. (2011). Classification of the antioxidant defense system as the ground for reasonable organization of experimental studies of the oxidative stress in plants. *Russian Journal of Plant Physiology*, *58*(2), 210–217. <https://doi.org/10.1134/S1021443711020166>
- Prior, R. L., Wu, X., & Schaich, K. (2005). Standardized Methods for the Determination of Antioxidant Capacity and Phenolics in Foods and Dietary Supplements. *Journal of Agricultural and Food Chemistry*, *53*(10), 4290–4302. <https://doi.org/10.1016/j.pneumo.2009.08.002>
- Purlis, E. (2010). Browning development in bakery products - A review. *Journal of Food Engineering*, *99*(3), 239–249. <https://doi.org/10.1016/j.jfoodeng.2010.03.008>
- Ramírez-Godínez, J., Jaimez-Ordaz, J., Castañeda-Ovando, A., Añorve-Morga, J., Salazar-Pereda, V., González-Olivares, L. G., & Contreras-López, E. (2017). Optimization of Physical Conditions for the Aqueous Extraction of Antioxidant Compounds from Ginger (*Zingiber officinale*) Applying a Box-Behnken Design. *Plant Foods for Human Nutrition*, *72*(1), 34–40. <https://doi.org/10.1007/s11130-016-0582-1>
- Rask, C. (1989). Thermal properties of dough and bakery products: A review of published data. *Journal of Food Engineering*, *9*(3), 167–193. [https://doi.org/10.1016/0260-8774\(89\)90039-3](https://doi.org/10.1016/0260-8774(89)90039-3)
- Rifkowaty, E. E., & Wardanu, A. P. (2016). Pengaruh Ekstraksi Cara Basah Dan Cara Kering Terhadap Aktivitas Antioksidan Ekstrak Cengkih (Melastoma Malabathricum L.). *Jurnal Aplikasi Teknologi Pangan*, *5*(1), 10–15. <https://doi.org/10.17728/jatp.v5i1.33>

- Robles-Ramírez, M. del C., Ortega-Robles, E., Monterrubio-López, R., Mora-Escobedo, R., & Beltrán-Orozco, M. del C. (2020). Barley bread with improved sensory and antioxidant properties. *International Journal of Gastronomy and Food Science*, 22, 100279. <https://doi.org/10.1016/j.ijgfs.2020.100279>
- Salin, E., Karimuna, L., Ilmu dan Teknologi Pangan, J., Pertanian, F., & Halu Oleo, U. (2019). Pengaruh Penambahan Tepung Kulit Manggis (*Garcinia mangostana* L.) terhadap Organoleptik, Nilai gizi dan Aktivitas Antioksidan Brownies Kukus. *J. Sains dan Teknologi Pangan*, 4(4), 2294–2309. <http://ojs.uho.ac.id/index.php/jstp/article/view/9015>
- Saragih, D., Nurwantoro, & Bintoro, V. P. (2017). Substitusi Sukrosa Dengan Fruktosa Pada Proses Pembuatan Roti Berbahan Dasar Tepung Terhadap Sifat Fisikokimia. *Jurnal Aplikasi Teknologi Pangan*, 6(3), 129–133. <https://doi.org/10.17728/jatp.230>
- Shaliha, L. A., Budi, S., Abduh, M., & Hintono, A. (2017). Antioxidant Activity, Texture, and Lightness Purple Sweet Potato (*Ipomoea batatas*) Steamed on Various Heating Time. *Jurnal Aplikasi Teknologi Pangan*, 6(4), 141–144. <http://www.jatp.ift.or.id/index.php/jatp/article/view/260>
- Sharma, O. P., & Bhat, T. K. (2009). DPPH antioxidant assay revisited. *Food Chemistry*, 113(4), 1202–1205. <https://doi.org/10.1016/j.foodchem.2008.08.008>
- Sharma, P., & Gujral, H. S. (2014). Cookie making behavior of wheat-barley flour blends and effects on antioxidant properties. *LWT - Food Science and Technology*, 55(1), 301–307. <https://doi.org/10.1016/j.lwt.2013.08.019>
- Shi, Y., Liang, R., Chen, L., Liu, H., Goff, H. D., Ma, J., & Zhong, F. (2019). The antioxidant mechanism of Maillard reaction products in oil-in-water emulsion system. *Food Hydrocolloids*, 87, 582–592. <https://doi.org/10.1016/j.foodhyd.2018.08.039>
- Singh, B., Singh, J. P., Kaur, A., & Singh, N. (2020). Phenolic composition, antioxidant potential and health benefits of citrus peel. *Food Research International*, 132(February), 109114. <https://doi.org/10.1016/j.foodres.2020.109114>
- Skrajda-Brdak, M., Konopka, I., Tańska, M., & Czaplicki, S. (2019). Changes in the content of free phenolic acids and antioxidative capacity of wholemeal bread in relation to cereal species and fermentation type. *European Food Research and Technology*, 245(10), 2247–2256. <https://doi.org/10.1007/s00217-019-03331-y>
- Trisnawati, W. (2017). Analisis Indeks Glikemik Dan Komposisi Gizi Keripik Simulasi Substitusi Tepung Bekatul Dengan Tepung Labu Kuning. *Jurnal Aplikasi Teknologi Pangan*, 6(3), 143–147. <https://doi.org/10.17728/jatp.235>
- Tuhumury, H. C. D., Ega, L., & Keliobas, N. (2018). Pengaruh Substitusi Tepung Ubi Jalar Ungu Terhadap Karakteristik Kue Kering. *AGRITEKNO, Jurnal Teknologi Pertanian*, 7(1), 30–35. <https://doi.org/10.30598/jagritekno.2018.7.1.30>
- Turnbull, K. M., & Rahman, S. (2002). Endosperm texture in wheat. *Journal of Cereal Science*, 36(3), 327–337. <https://doi.org/10.1006/jcrs.2002.0468>

- Wang, H., Cao, G., & Prior, R. L. (1996). Total antioxidant capacity of fruits. *Journal of Agricultural and Food Chemistry*, 44(3), 701–705. <https://doi.org/10.1021/jf950579y>
- Wathoni, N., Yuan Shan, C., Yi Shan, W., Rostinawati, T., Indradi, R. B., Pratiwi, R., & Muchtaridi, M. (2019). Characterization and antioxidant activity of pectin from Indonesian mangosteen (*Garcinia mangostana* L.) rind. *Heliyon*, 5(8), e02299. <https://doi.org/10.1016/j.heliyon.2019.e02299>
- Wojdyło, A., Figiel, A., & Oszmiański, J. (2009). Effect of drying methods with the application of vacuum microwaves on the bioactive compounds, color, and antioxidant activity of strawberry fruits. *Journal of Agricultural and Food Chemistry*, 57(4), 1337–1343. <https://doi.org/10.1021/jf802507j>
- Wu, Y., Chen, L., Xian, Y., Hou, X., Liang, M., Dong, H., & Chen, J. (2019). Quantitative analysis of fourteen heterocyclic aromatic amines in bakery products by a modified QuEChERS method coupled to ultra-high performance liquid chromatography-tandem mass spectrometry (UHPLC-MS/MS). *Food Chemistry*, 298(1), 125048. <https://doi.org/10.1016/j.foodchem.2019.125048>
- Wulandari, F. (2016). Analisis Kandungan Gizi, Nilai Energi, Dan Uji Organoleptik Cookies Tepung Beras Dengan Substitusi Tepung Sukun. *Jurnal Aplikasi Teknologi Pangan*, 5(3), 107–112. <https://doi.org/10.17728/jatp.183>
- Xu, F. Y., Gao, Q. H., Ma, Y. J., Guo, X. D., & Wang, M. (2014). Comparison of Tartary Buckwheat Flour and Sprouts Steamed Bread in Quality and Antioxidant Property. *Journal of Food Quality*, 37(5), 318–328. <https://doi.org/10.1111/jfq.12101>
- Xu, J., Wang, W., & Li, Y. (2019). Dough properties, bread quality, and associated interactions with added phenolic compounds: A review. *Journal of Functional Foods*, 52(November 2018), 629–639. <https://doi.org/10.1016/j.jff.2018.11.052>
- Yilmaz, Y., & Toledo, R. (2005). Antioxidant activity of water-soluble Maillard reaction products. *Food Chemistry*, 93(2), 273–278. <https://doi.org/10.1016/j.foodchem.2004.09.043>
- Yu, L., & Beta, T. (2015). Identification and antioxidant properties of phenolic compounds during production of bread from purple wheat grains. *Molecules*, 20(9), 15525–15549. <https://doi.org/10.3390/molecules200915525>
- Zhu, F., Sakulnak, R., & Wang, S. (2016). Effect of black tea on antioxidant, textural, and sensory properties of Chinese steamed bread. *Food Chemistry*, 194, 1217–1223. <https://doi.org/10.1016/j.foodchem.2015.08.110>
- Zhu, F., & Sun, J. (2019). Physicochemical and sensory properties of steamed bread fortified with purple sweet potato flour. *Food Bioscience*, 30(August 2018), 100411. <https://doi.org/10.1016/j.fbio.2019.04.012>
- Zielińska, D., Turemko, M., Kwiatkowski, J., & Zieliński, H. (2012). Evaluation of flavonoid contents and antioxidant capacity of the aerial parts of common and tartary buckwheat plants. *Molecules*, 17(8), 9668–9682. <https://doi.org/10.3390/molecules17089668>



Žilić, S., Kocadağlı, T., Vančetović, J., & Gökmen, V. (2016). Effects of baking conditions and dough formulations on phenolic compound stability, antioxidant capacity and color of *cookies* made from anthocyanin-rich corn flour. *LWT - Food Science and Technology*, 65, 597–603. <https://doi.org/10.1016/j.lwt.2015.08.057>

