

DAFTAR PUSTAKA

- Adejuwon, O. H., Jideani, A. I. O., & Falade, K. O. (2020). Quality and Public Health Concerns of Instant Noodles as Influenced by Raw Materials and Processing Technology. *Food Reviews International*, 36(3), 276–317.
- Akajiaku, L., Nwosu, J., Kabuo, N., Odimegwu, E., Umelo, M., & Unegbu, V. (2017). Using Sorghum Flour as Part Substitute of Wheat Flour in Noodles Making. *MOJ Food Processing & Technology*, 5(2). <https://doi.org/10.15406/mojft.2017.05.00120>
- American Association of Cereal Chemists. (1995). *Approved methods of the AACC* (9th ed.). American Association of Cereal Chemists.
- Aprianita, A., Vasiljevic, T., Bannikova, A., & Kasapis, S. (2014). Physicochemical properties of wheat-canna and wheat-konjac composite flours. *Journal of Food Science and Technology*, 51(9), 1784–1794. <https://doi.org/10.1007/s13197-012-0696-x>
- Apriyantono, A., D. Fardiaz, N.L. Puspitasari, Sedarnawati, & S. Budiyanto. (1989). *Analisis Pangan*. IPB Press.
- Association of Official Analytical Chemists. (2005). *Official methods of analysis of AOAC International* (18th ed.). AOAC International.
- Astawan. (2005). *Membuat Mie dan Bihun*. Penebar Swadaya.
- Avif, A. N., & Dewi, A. O. T. (2022). Analisis Kandungan Zat Gizi, Fenol, Flavonoid, Fitat, dan Tanin pada Sorgum (*Sorgum bicolor* (L.) Moench). *Nutri-Sains: Jurnal Gizi, Pangan Dan Aplikasinya*, 6(2), 65–74. <https://doi.org/10.21580/ns.2022.6.2.7083>
- Awika, J. M., Rose, D. J., & Simsek, S. (2018). Complementary effects of cereal and pulse polyphenols and dietary fiber on chronic inflammation and gut health. *Food & Function*, 9(3), 1389–1409. <https://doi.org/10.1039/C7FO02011B>
- Awuchi, C., Victory, I., & Echeta, C. (2019). The Functional Properties of Foods and Flours. *International Journal of Advanced Academic Research*, 5(11), 139–160.
- Badan Penelitian dan Pengembangan Pertanian. (2019). *Balitbangtan Hasilkan Varietas Unggul Baru Sorgum Bioguma, Ini Kelebihannya*. Badan Penelitian Dan Pengembangan Pertanian.

- Badan Pusat Statistik. (2024). *Impor gandum di Indonesia tahun 2023*.
- Badan Standardisasi Nasional. (2009). *Tepung terigu sebagai bahan makanan (SNI 3751:2009)*.
- Badan Standardisasi Nasional. (2015). *Mi Kering (SNI 2986:2015)*.
- Basman, A., & Yalcin, S. (2011). Quick-boiling noodle production by using infrared drying. *Journal of Food Engineering*, 106(3), 245–252. <https://doi.org/10.1016/j.jfoodeng.2011.05.019>
- Batariuc, A., Ungureanu-Iuga, M., & Mironeasa, S. (2022). Characterization of Sorghum Processed through Dry Heat Treatment and Milling. *Applied Sciences*, 12(15), 7630. <https://doi.org/10.3390/app12157630>
- Bharath Kumar, S., & Prabhasankar, P. (2015). A study on noodle dough rheology and product quality characteristics of fresh and dried noodles as influenced by low glycemic index ingredient. *Journal of Food Science and Technology*, 52(3), 1404–1413. <https://doi.org/10.1007/s13197-013-1126-4>
- BSN. (2015). *Syarat Mutu Mi kering No. SNI 8217-2015*.
- Budijanto, S., & Yuliyanti. (2012). Studi persiapan tepung sorgum (*Sorghum bicolor* L. Moench) dan aplikasinya pada pembuatan beras analog. *Jurnal Teknologi Pertanian*, 13(3), 177–186.
- Calvin, O. (2016). Starch and modified starch in bread making: A review. *African Journal of Food Science*, 10(12), 344–351. <https://doi.org/10.5897/AJFS2016.1481>
- Chen, H., Tian, X., Yu, Q., Hu, W., Chen, J., & Zhou, L. (2021). Sweet sorghum stalks extract has antimicrobial activity. *Industrial Crops and Products*, 170, 113746. <https://doi.org/10.1016/j.indcrop.2021.113746>
- Chen, Z., Sagis, L., Legger, A., Linssen, J. P. H., Schols, H. A., & Voragen, A. G. J. (2002). Evaluation of Starch Noodles Made from Three Typical Chinese Sweet-potato Starches. *Journal of Food Science*, 67(9), 3342–3347. <https://doi.org/10.1111/j.1365-2621.2002.tb09589.x>
- Chhikara, N., Abdulahi, B., Munezero, C., Kaur, R., Singh, G., & Panghal, A. (2019). Exploring The Nutritional and Phytochemical Potential of Sorghum in Food Processing for Food Security. *Nutrition and Food Science*, 49(2), 318–332.
- Chipón, J., Ramírez, K., Morales, J., & Díaz-Calderón, P. (2022). Rheological and Thermal Study about the Gelatinization of Different Starches (Potato, Wheat

- and Waxy) in Blend with Cellulose Nanocrystals. *Polymers*, 14(8), 1560. <https://doi.org/10.3390/polym14081560>
- D'Amico, S., Mäschle, J., Jekle, M., Tömösközi, S., Langó, B., & Schoenlechner, R. (2015). Effect of high temperature drying on gluten-free pasta properties. *LWT-Food Science and Technology*, 63(1), 391–399.
- de Moraes Cardoso, L., Pinheiro, S. S., Martino, H. S. D., & Pinheiro-Sant'Ana, H. M. (2017). Sorghum (*Sorghum bicolor* L.): Nutrients, bioactive compounds, and potential impact on human health. *Critical Reviews in Food Science and Nutrition*, 57(2), 372–390. <https://doi.org/10.1080/10408398.2014.887057>
- Dhull, S. B., & Sandhu, K. S. (2018). Wheat-Fenugreek Composite Flour Noodles: Effect on Functional, Pasting, Cooking and Sensory Properties. *Current Research in Nutrition and Food Science Journal*, 6(1), 174–182. <https://doi.org/10.12944/CRNFSJ.6.1.20>
- Ding, L., Huang, Q., Li, H., Wang, Z., Fu, X., & Zhang, B. (2019). Controlled gelatinization of potato parenchyma cells under excess water condition: structural and *in vitro* digestion properties of starch. *Food & Function*, 10(9), 5312–5322. <https://doi.org/10.1039/C9FO00928K>
- Efendi, R., Aqil, M., Marcia, B., & Pabendon. (2013). Evaluasi Genotipe Sorghum Manis (*Sorghum Bicolor* (L.) Moench) Produksi Biomas Dan Daya Ratan Tinggi. *Jurnal Penelitian Pertanian Tanaman Pangan*, 32(2), 116–125.
- Elkhalifa, A., & Bernhardt, R. (2010). Influence of Grain Germination on Functional Properties of Sorghum Flour. *Food Chem*, 12(1), 387–392.
- Engelen, A., Sugiyono, S., & Budijanto, S. (2015). Optimasi Proses dan Formula pada Pengolahan Mi Sagu Kering (Metroxylon sagu). *Agritech*, 35(4), 359–367.
- Fadhil, R., Diswandi Nurba, D., & Ikhwanto, K. (2017). The effect of different frying conditions on the color parameters of purple sweet potato (*Ipomoea batatas* Poir.) Slices. *Carpathian Journal of Food Science and Technology* : 9:2 : 35-42.
- Fahira, D., Putri, D. C., Taufhan, L. S., & Nasution, Y. S. J. (2024). Analisis Faktor-Faktor Penyebab Konsumsi Mie Instan Dikalangan Mahasiswa UINSU Prodi Akuntansi Syariah Tahun 2023/2024. *Jurnal Ekonomi Bisnis, Manajemen Dan Akuntansi*, 3(2), 391–404.
- Fan, X., Jiao, X., Liu, J., Jia, M., Blanchard, C., & Zhou, Z. (2021). Characterizing the volatile compounds of different sorghum cultivars by both GC-MS and

- HS-GC-IMS. *Food Research International*, 140, 109975.
<https://doi.org/10.1016/j.foodres.2020.109975>
- Fennema, O. R. (1985). *Food Chemistry*.
- Fitriani, H. (2010). Financial Feasibility Analysis Of Plaju Palembang Modern Traditional Market. *Sriwijaya Engineering Journal* , 19(1), 01–06.
- Georget, D. M. R., Elkhalfa, A. E. O., & Peter, S. B. (2012). Structural changes in kafirin extracted from a white type II tannin sorghum during germination. *Journal of Cereal Science*, 55(2), 106–111.
<https://doi.org/10.1016/j.jcs.2011.10.007>
- Ghea, D. C. T. T. (2022). *Analisis Pengaruh Substitusi Varietas Tepung Sorgum (Sorghum bicolor L. Moench) terhadap Kualitas dan Daya Terima Mie Kering*. Universitas Sebelas Maret.
- Guo, G., Jackson, D. S., Graybosch, R. A., & Parkhurst, A. M. (2003). Asian Salted Noodle Quality: Impact of Amylose Content Adjustments Using Waxy Wheat Flour. *Cereal Chemistry*, 80(4), 437–445.
<https://doi.org/10.1094/CCHEM.2003.80.4.437>
- Hariprasanna, K., & Patil, J. V. (2015). Sorghum: Origin, Classification, Biology and Improvement. *Sorghum Molecular Breeding* , 3–20.
- Hoeman, S. (2012). *Prospek dan Potensi Sorgum sebagai Bahan Baku Bioetanol*.
- Hou, G. G. (2010). *Asian Noodles*. John Wiley and Son, Inc.
- Huang, L., Cheng, H., Ma, S., He, R., Gong, J., Li, G., & An, T. (2021). The exposures and health effects of benzene, toluene and naphthalene for Chinese chefs in multiple cooking styles of kitchens. *Environment International*, 156, 106721. <https://doi.org/10.1016/j.envint.2021.106721>
- Iqbal, S., Zhang, P., Wu, P., Deng, R., & Chen, X. D. (2022). Impact of amylose from maize starch on the microstructure, rheology and lipolysis of W/O emulsions during simulated semi-dynamic gastrointestinal digestion. *International Journal of Food Science & Technology*, 57(6), 3578–3588.
<https://doi.org/10.1111/ijfs.15682>
- Ismail, B. P. (2017). *Ash Content Determination* (pp. 117–119).
https://doi.org/10.1007/978-3-319-44127-6_11
- Iwe, M. O., Onyeukwu, U., & Agiriga, A. N. (2016). Proximate, functional and pasting properties of FARO 44 rice, African yam bean and brown cowpea

- seeds composite flour. *Cogent Food & Agriculture*, 2(1). <https://doi.org/10.1080/23311932.2016.1142409>
- Jang, A., Kim, J. Y., & Lee, S. (2016). Rheological, Thermal Conductivity, and Microscopic Studies on Porousstructured Noodles for Shortened Cooking Time. *LWT – Food Science and Technology*, 74, 1–6.
- Jia, B., Devkota, L., Sissons, M., & Dhital, S. (2023). Degradation of starch in pasta induced by extrusion below gelatinization temperature. *Food Chemistry*, 426, 136524.
- Juhász, R., & Salgó, A. (2008). Pasting Behavior of Amylose, Amylopectin and Their Mixtures as Determined by RVA Curves and First Derivatives. *Starch - Stärke*, 60(2), 70–78. <https://doi.org/10.1002/star.200700634>
- Kearsley, M. W., & Dziedzic. (1995). *Handbook of Starch Hydrolysis Product and Their Derivatives*.
- Kinanthi Pangestuti, E., & Darmawan, P. (2021). Analysis of Ash Contents in Wheat Flour by The Gravimetric Method. *Jurnal Kimia Dan Rekayasa*, 2(1), 16–21. <https://doi.org/10.31001/jkireka.v2i1.22>
- Ko, J. Y., Woo, K. S., Kim, J. I., Song, S. B., Lee, J. S., Kim, H. Y., Jung, T. W., Kim, K. Y., Kwak, D. Y., & Oh, I. S. (2013). Effects of Quality Characteristics and Antioxidant Activities of Dry Noodles with Added Sorghum Flour by Characteristics of Endosperm. *Journal of the Korean Society of Food Science and Nutrition*, 42(8), 1227–1235. <https://doi.org/10.3746/jkfn.2013.42.8.1227>
- Kobue-Lekalake, R. I. (2008). *Sensory Perception of Bitterness and Astringency in Sorghum*. University of Pretoria South Africa.
- Kusnadi, N., Karyadi, A., Sarianti, T., & Nurmalina, R. (2014). *Studi Kelayakan Bisnis Mie Kering Jagung 100*.
- Kusuma, P. T. (2014). Analisa Kelayakan Finansial Pengembangan Usaha Produksi Komoditas Lokal: Mie Berbasis Jagung. *GRITECH*, 34(2), 194–202.
- Kusuma, P. T. W. W., & Indah Mayasti, N. K. (2014). Analisa Kelayakan Finansial Pengembangan Usaha Produksi Komoditas Lokal: Mie Berbasis Jagung. *Agrotech: Jurnal Fakultas Teknologi Pertanian UGM*, 34(2), 194–202.
- Larasati, S. (2015). *Eksperimen Pembuatan Mi Kering Tepung Terigu Substitusi Tepung Ubi Jalar Kuning dengan Penambahan Tepung Temulawak* [Skripsi]. Universitas Negeri Semarang.

- Lee, N.-Y., & Kang, C.-S. (2016). Effects of different fertilization treatments on the physicochemical and noodle-making properties of Korean winter wheat cultivars. *Food Science and Biotechnology*, 25(S1), 69–76. <https://doi.org/10.1007/s10068-016-0100-0>
- Livia de Lacerda, d. O., Licia Camargo, d. O., Lorena Andrade, d. A., Valeria Aparecida, V. Q., Renata, P. Z., Raquel Braz Assunção Botelho, & Lúcio Flávio de, A. F. (2022). Gluten-Free Sorghum Pasta: Composition and Sensory Evaluation with Different Sorghum Hybrids. *Foods*, 11(19), 3124.
- Lubowa, M., Yeoh, S. Y., & Easa, A. M. (2018). Textural and physical properties of retort processed rice noodles: Influence of chilling and partial substitution of rice flour with pregelatinized high-amylose maize starch. *Food Science and Technology International*, 24(6), 476–486. <https://doi.org/10.1177/1082013218766984>
- Luo, H., Dong, F., Wang, Q., Li, Y., & Xiong, Y. (2021). Construction of Porous Starch-Based Hydrogel via Regulating the Ratio of Amylopectin/Amylose for Enhanced Water-Retention. *Molecules*, 26(13), 3999. <https://doi.org/10.3390/molecules26133999>
- Luthana, D. (2004). *Rekomendasi dalam Penetapan Standar Mutu Tepung Tapioka*.
- Mansur, S. R., Patang, P., & Sukainah, A. (2021). Pengaruh jenis kemasan dan lama penyimpanan terhadap kualitas dangke. *Jurnal Pendidikan Teknologi Pertanian.*, 7(1), 53–66.
- Marciniak-Lukasiak, K., Durajczyk, E., Lukasiak, A., Zbikowska, K., Lukasiak, P., & Zbikowska, A. (2024). Analysis of the Impact of Reformulation of the Recipe Composition on the Quality of Instant Noodles. *Applied Sciences*, 14(20), 9362. <https://doi.org/10.3390/app14209362>
- Matsakas, L., & Christakopoulos, P. (2013). Fermentation of liquefacted hydrothermally pretreated sweet sorghum bagasse to ethanol at high-solids content. *Bioresource Technology*, 127, 202–208. <https://doi.org/10.1016/j.biortech.2012.09.107>
- Midlanda, H. M., Lubis, L. M., & Lubis, Z. (2014). Pengaruh Metode Pembuatan Tepung Jagung dan Perbandingan Tepung Jagung dan Tepung Beras terhadap Mutu Cookies. *Jurnal Rekayasa Pangan Dan Pertanian*, 2(4), 20–31.
- Milán-Carrillo, J., Reyes-Moreno, C., Armienta-Rodelo, E., Carábez-Trejo, A., & Mora-Escobedo, R. (2000). Physicochemical and Nutritional Characteristics of Extruded Flours from Fresh and Hardened Chickpeas (*Cicer arietinum* L).

- LWT - Food Science and Technology*, 33(2), 117–123.
<https://doi.org/10.1006/fstl.1999.0620>
- Moriconi, L., Vittadini, E., Linnemann, A. R., Fogliano, V., & Ngadze, R. T. (2024). Co-fermentation improves the functional properties and nutritional quality of infant complementary food products. *Food & Function*, 15(20), 10350–10359. <https://doi.org/10.1039/D4FO03334E>
- Murdiati, A., Anggrahini, S., & Alim, A. (2015). Peningkatan Kandungan Protein Mie Basah Dari Tapioka Dengan Substitusi Tepung Koro Pedang Putih (*Canavalia ensiformis* L.) Increased Protein Content of Wet Noodle from Tapioca Substituted by White Jack Bean (*Canavalia ensiformis* L.) Flour. *Jurnal Agritech*, 35(03), 251. <https://doi.org/10.22146/agritech.9334>
- Murti, T., Netty, H., & Rahmayuni. (2014). Evaluasi Mutu Kukis Yang Disubstitusi Tepung Sukun (*Artocarpus communis*) Berbasis Minyak Sawit Merah (Msm), Tepung Tempe dan Tepung Udang Rebon (*Acetes erythraeus*). *Jurnal Online Mahasiswa Fakultas Pertanian Universitas Riau*, 1(1), 1–8.
- Ocheme, O. B., Adedeji, O. E., Chinma, C. E., Yakubu, C. M., & Ajibo, U. H. (2018). Proximate composition, functional, and pasting properties of wheat and groundnut protein concentrate flour blends. *Food Science & Nutrition*, 6(5), 1173–1178. <https://doi.org/10.1002/fsn3.670>
- Ohki, K., & Miyata, H. (2018). *Structure and Function of Protein* (pp. 71–80). https://doi.org/10.1007/978-4-431-56841-4_5
- Ojo M.O, Ariahu C.C, & Chinma E.C. (2017). Proximate, Functional and Pasting Properties of Cassava Starch and Mushroom (*Pleurotus Pulmonarius*) Flour Blends. *American Journal of Food Science and Technology*, 5(1), 11–18.
- Okafor, C. E., Kebodi, L. C., Kandasamy, J., May, M., & Ekengwu, I. E. (2022). Properties and performance index of natural fiber reinforced cross-ply composites made from *Dioscorea alata* stem fibers. *Composites Part C: Open Access*, 7, 100213. <https://doi.org/10.1016/j.jcomc.2021.100213>
- Olaoye, O. A., Onilude, A. A., & Oladoye, C. O. (2007). Breadfruit flour in biscuit making: effects on product quality. *African Journal of Food Science*, 1(2), 021–023.
- Palacios, C. E., Nagai, A., Torres, P., Rodrigues, J. A., & Salatino, A. (2021). Contents of tannins of cultivars of sorghum cultivated in Brazil, as determined by four quantification methods. *Food Chemistry*, 337, 127970. <https://doi.org/10.1016/j.foodchem.2020.127970>

- Palavecino, P., Curti, M., Bustos, M., Penci, M., & Ribotta, P. (2020). Sorghum Pasta and Noodles: Technological and Nutritional Aspects. *Plant Foods for Human Nutrition*, 1–11.
- Park, C. S., & Baek, B. (2004). Significance of Amylose Content of Wheat Starch on Processing and Textural Properties of Instant Noodles. *Cereal Chemistry*, 81(4), 521–526. <https://doi.org/10.1094/CCHEM.2004.81.4.521>
- Parwiyanti, P., Pratama, F., Wijaya, A., Malahayati, N., & Lidiasari, E. (2016). Sifat Fisik Pati Ganyong (*Canna edulis* Kerr.) Termodifikasi dan Penambahan Gum Xanthan untuk Rototian (Physical Characteristics of Modified *Canna edulis* Kerr. Starch and Gum Xanthan for Bakeries). *Jurnal Agritech*, 36(03), 335. <https://doi.org/10.22146/agritech.16606>
- Patil, S. P., & Arya, S. S. (2017). Nutritional, functional, phytochemical and structural characterization of gluten-free flours. *Journal of Food Measurement and Characterization*, 11(3), 1284–1294. <https://doi.org/10.1007/s11694-017-9506-5>
- Pezzali, J. G., Suprabha-Raj, A., Siliveru, K., & Aldrich, C. G. (2020). Characterization of white and red sorghum flour and their potential use for production of extrudate crisps. *PLOS ONE*, 15(6), e0234940. <https://doi.org/10.1371/journal.pone.0234940>
- Prabawa, S., Zoelnanda, A., Anam, C., & Samanhudi. (2023). Evaluasi Kualitas Sensoris dan Fisikokimia Mi Basah Sorgum (*Sorghum bicolor* L. Moench) sebagai Pangan Fungsional. *Jurnal Teknologi Hasil Pertanian*, 16(1), 13. <https://doi.org/10.20961/jthp.v16i1.70730>
- Priadi, G., Setyoningrum, F., Afiati, F., & Syarief, R. (2018). Pemanfaatan Modified Cassava Flour dan Tepung Tapioka sebagai Bahan Pengisi Keju Cedar Olahan. *Jurnal Litbang Industri*, 8(2), 67–76.
- Rahayu, A. P., Istianah, N., & Ali, D. Y. (2019). Pengaruh Proporsi Tepung Sorgum Dan Tepung Sagu Aren Terhadap Sifat Fisik Mi Kering Bebas Gluten. *Jurnal Pangan Dan Agroindustri*, 7(4), 22–30.
- Rahmi, Syuryawati, & Zubachtirodin. (2017). *Teknologi Budidaya Sorgum*.
- Rohmah, M. (2012). Karakterisasi sifat fisikokimia tepung dan pati pisang kapas (*Musa comiculata*). *J Teknol Pertanian*, 8(1), 20–24.
- Rosaini, H., Rasyid, R., & Hagramida, V. (2015). Penetapan Kadar Protein Secara Kjeldahl Beberapa Makanan Olahan Kerang Remis (*Coribulla Moltkoana Prime*) Dari Danau Singkrak. *Jurnal Farmasi Higea*, 7(2).

- Saman, W. R., Ahmad, L., Isra, M., Ngadi, F., Djama, A., Datau, F., Junus, S. I. Z., Jenggu, H. A., Usman, N. Y., Sari, N. P., & Marwan, A. P. P. (2024). Modifikasi Tepung Jagung Pulut Dan Sorgum Dengan Metode HMT (Heat Moisture Treatment). *Jambura Journal of Food Technology*, 6(1), 141–150. <https://doi.org/10.37905/jjft.v6i1.26035>
- Santamaria, M., Montes, L., Garzon, R., Moreira, R., & Rosell, C. M. (2022). Unraveling the impact of viscosity and starch type on the *in vitro* starch digestibility of different gels. *Food & Function*, 13(14), 7582–7590. <https://doi.org/10.1039/D2FO00697A>
- Sari, A. L., & Ayuningsasi, A. A. (2020). Factors That Affect Wheat Import Demand in Indonesia in 2007 - 2017. *American Journal of Humanities and Social Sciences Research*, 4(6), 178–185.
- Sawitri, K. N., Sumaryada, T., & Ambarsari, L. (2014). Analisa Pasangan Jembatan Garam Residu Glu15-Lys4 Pada Kestabilan Termal Protein 1Gb1. *Jurnal Biofisika*, 10(1), 68–74.
- Sefrienda, A. R., Febriani, F. L., Anandito, R. B. K., Ariani, D., & Fathoni, A. (2022). Shelf-life Estimation of Mocaf Dry Noodles Using Critical Moisture Content Approach in Various Packaging. *IOP Conference Series: Earth and Environmental Science*, 1024(1), 012012. <https://doi.org/10.1088/1755-1315/1024/1/012012>
- Senanayake, S., Gunaratne, A., Ranawera, K. K. D. S., & Bamunuarachchi, A. (2013). *Effect of Heat Moisture Treatment Conditions on Swelling Power and Water Soluble Index of Different Cultivars of Sweet Patato (Ipomea Batatas (L). Lam) Starch*. Hindawi Publishing Corporation.
- Sena-Saldivar S. (2010). Cereal Grains: Properties, Processing and Nutritional Attributes . *CBS Publishers and Distributors India*, 535.
- Setyanti, F. (2015). *Kualitas Muffin dengan Kombinasi Tepung Sorgum (Sorghum bicolor) dan Tepung Terigu (Triticum aestivum) [Skripsi]*. Universitas Atma Jaya Yogyakarta.
- Shittu, T., Raji, A. O., & Sanni, L. O. (2007). Bread From Composite Cassava-Wheat Flour: I. Effect of Baking Time and Temperature on Some Physical Properties of Bread Loaf. *Food Research International*, 40(2), 280–290.
- Soler, A., Velazquez, G., Velazquez-Castillo, R., Morales-Sanchez, E., Osorio-Diaz, P., & Mendez-Montecalvo, G. (2020). Retrogradation of autoclaved corn starches: Effect of water content on the resistant starch formation and structure. *Carbohydrate Research*, 497, 108137. <https://doi.org/10.1016/j.carres.2020.108137>

- Stefoska-Needham, A., & Tapsell, L. (2020). Considerations for progressing a mainstream position for sorghum, a potentially sustainable cereal crop, for food product innovation pipelines. In *Trends in Food Science & Technology* (Vol. 97, pp. 249–253).
- Suarni, S. (2016). Peranan Sifat Fisikokimia Sorgum dalam Diversifikasi Pangan dan Industri serta Prospek Pengembangannya. *Jurnal Penelitian Dan Pengembangan Pertanian*, 35(3), 99–110.
- Subandi, & Sukiyadi. (2020). Pengujian Efisiensi dan Efektifitas Penggunaan Pelarut Lemak untuk Aplikasi Pelaksanaan Praktikum dan Penelitian Pengujian Kadar Lemak Minyak. *Prosiding Seminar Nasional Penerapan IPTEKS II*, 89–98.
- Sudirman, Wawan Samudera, Utien Kustianing, Zumratu, Suriati, & Dara Afriyanti Fajar Wangi. (2024). Pengenalan Lebah Madu Trigona Sp Sebagai Bahan Baku Propolis Pada Mahasiswa. *KREASI: Jurnal Inovasi Dan Pengabdian Kepada Masyarakat*, 4(1), 54–71. <https://doi.org/10.58218/kreasi.v4i1.863>
- Suprpto, M. R., & Mudjisihono, R. (1987). *Budidaya dan Pengolahan Sorgum*. Penebar Swadaya.
- Suresh, C., & Samsher, S. (2013). Assessment of functional properties of different flours. *African Journal of Agricultural Research*, 8(38), 4849–4852.
- Suwarti, Efendi, R., Massinai, R., & Pabendon, M. B. (2018). Evaluation of sweet sorghum (*Sorghum bicolor* L. [Moench]) on several population density for bioethanol production. *IOP Conference Series: Earth and Environmental Science*, 141, 012032. <https://doi.org/10.1088/1755-1315/141/1/012032>
- Tacoh, E., Rumambi, A., & Kaunang, W. B. (2016). Pengaruh pemanfaatan pupuk bokasi feses sapi terhadap produksi sorgum varietas Kawali. *ZOOTEC*, 37(1), 88–95.
- Tan, H.-Z., Li, Z.-G., & Tan, B. (2009). Starch noodles: History, classification, materials, processing, structure, nutrition, quality evaluating and improving. *Food Research International*, 42(5–6), 551–576. <https://doi.org/10.1016/j.foodres.2009.02.015>
- Tethool, E. F., & Dewi, A. M. P. (2018). Pengaruh rasio tepung ubi jalar dan pati sagu terhadap sifat fisikokimia tepung komposit dan karakteristik fisik roti yang dihasilkan. *Prosiding SNST Ke-9 Tahun 2018 Fakultas Teknik Universitas Wahid Hasyim (Pp.)*, 42–47.

- Too, B. C., Tai, N. Van, & Thuy, N. M. (2022). Formulation and quality evaluation of noodles with starchy flours containing high levels of resistant starch. *Acta Scientiarum Polonorum Technologia Alimentaria*, 21(2), 145–154. <https://doi.org/10.17306/J.AFS.1011>
- Violalita, F., Evawati, Syahrul, S., Yanti, H. F., & Fahmy, K. (2020). Characteristics of Gluten-Free Wet Noodles Substituted with Soy Flour. *IOP Conference Series: Earth and Environmental Science*, 515(1), 012047. <https://doi.org/10.1088/1755-1315/515/1/012047>
- Violalita, F., Yanti, H. F., Novita, R., Syahrul, S., & Fahmy, K. (2021). Shelf-life Prediction of Gluten-Free Dry Noodles Made from Composite Flour (Mocaf, Tapioca, Cornstarch, and Soybeans) Using Accelerated Shelf-life Testing (ASLT) Method with Arrhenius Equation Approach. *International Conference on Sustainable Agriculture and Biosystem 2020*, 012057.
- Wandee, Y., Uttapap, D., Pancha-arnon, S., Puttanlek, C., Rungsardthong, V., & Wetprasit, N. (2015). Quality assessment of noodles made from blends of rice flour and canna starch. *Food Chemistry*, 179, 85–93. <https://doi.org/10.1016/j.foodchem.2015.01.119>
- Waqiah, A. N., Damat, D., & Putri, D. N. (2019). Karakteristik Sifat Fisiko-Kimia Mi Basah Substitusi Tepung Sorgum (*Sorghum bicolor* L. Moench) Diperkaya Serat Rumpun Laut (*Gracilaria* sp.). *Food Technology and Halal Science Journal*, 2(2), 256. <https://doi.org/10.22219/fths.v2i2.12990>
- Widaningrum, & Haliza, W. (2022). Physical and Sensory Properties of Modified Canna Edulis Starch-Noodles with the Addition of Guar Gum, CMC, and Arabic Gum. *IOP Conference Series: Earth and Environmental Science*, 1024(1), 012011. <https://doi.org/10.1088/1755-1315/1024/1/012011>
- Winarno, F. G. (2004). *Kimia pangan dan gizi*. Gramedia Pustaka Utama.
- Yoon, H. S., Nelson, W., Lindstrom, S. C., Boo, S. M., Pueschel, C., Qiu, H., & Bhattacharya, D. (2017). Rhodophyta. In *Handbook of the Protists* (Second, pp. 89–133). Springer International Publishing.
- Zaitsev, D. V., Semenov, A. A., & Kabov, O. A. (2016). Effect of viscosity on thermocapillary breakdown of a falling liquid film. *Thermophysics and Aeromechanics*, 23(4), 625–628. <https://doi.org/10.1134/S0869864316040168>
- Zhang, C., Xie, Y., & Zou, J. (2019). Effect of the viscoelastic properties of modified starch as a wall material on the surface morphology of microcapsules. *Journal of the Science of Food and Agriculture*, 99(10), 4725–4730. <https://doi.org/10.1002/jsfa.9713>

- Zhang, Y., Liu, C., Hong, J., Li, L., Zheng, X., Bian, K., & Guan, E. (2020). Effect of heat treatment and salt addition on the physicochemical properties and quality of fresh noodles. *International Journal of Food Science & Technology*, 55(7), 2783–2793. <https://doi.org/10.1111/ijfs.14531>
- Zhao, T., Zhang, H., Chen, F., Tong, P., Cao, W., & Jiang, Y. (2022). Study on Structural Changes of Starches with Different Amylose Content during Gelatinization Process. *Starch - Stärke*, 74(7–8). <https://doi.org/10.1002/star.202100269>