

DAFTAR PUSTAKA

1. Badan Kebijakan Pembangunan Kesehatan. Survei Kesehatan Indonesia (SKI) 2023 Tematik. Jakarta: 2024.
2. Thapsuwan S, Phulkerd S, Chamrathirong A, Gray RS, Jindaratnaporn N, Loyfah N, et al. Relationship between consumption of high fat, sugar or sodium (HFSS) food and obesity and non-communicable diseases. *BMJ Nutr Prev Heal* 2024;7(1):1–13.
3. Lin X, Li H. Obesity: Epidemiology, Pathophysiology, and Therapeutics. *Front Endocrinol (Lausanne)* 2021;12(September):1–9.
4. Firmansyah Y, Halim Santoso A. Hubungan Obesitas Sentral Dan Indeks Massa Tubuh Berlebih Dengan Kejadian Hipertensi (Relationship Between Central Obesity And Excess Body Mass Index With The Incidence Of Hypertension). *Hearty* 2020;8(1).
5. World Health Organization (WHO). One in eight people are now living with obesity [Internet] [Internet]. Geneva World Heal. Organ.2024;Available from: <https://www.who.int/news/item/01-03-2024-one-in-eight-people-are-now-living-with-obesity>
6. Kementerian Kesehatan RI. Hasil Riset Kesehatan Dasar (Riskesdas) 2018. Jakarta: 2018.
7. Kemenkes RI. Panduan Hari Obesitas Sedunia. Kemenkes 2023;1–26.
8. Waddell IS, Orfila C. Dietary fiber in the prevention of obesity and obesity-related chronic diseases: From epidemiological evidence to potential molecular mechanisms. *Crit Rev Food Sci Nutr* [Internet] 2023;63(27):8752–67. Available from: <https://doi.org/10.1080/10408398.2022.2061909>
9. C. Onodu B, J. Culas R, U. Nwose E. Facts about dietary fibre in cassava: Implication for diabetes' medical nutrition therapy. *Integr Food, Nutr Metab* 2018;5(3):1–5.
10. Badan Pangan Nasional Indonesia B. Pedoman Penilaian Skor Pola Pangan Harapan. 2024;44.
11. Jenderal S. Statistik Konsumsi Pangan. Satu Data Pertanian.2022;82.
12. Laili NA, Sofyan A. The Effect of Kepok Banana Starch Substitution (*Musa paradisiaca* L.) Modifications on the Texture and Color of Mocaf Flour Caramel Sponge †. *Eng Proc* 2024;63(1).
13. Purnomo D, Kusuma MP. Analisis faktor-faktor yang mempengaruhi produksi singkong di Kota Salatiga. *J Econ Res Policy Stud* 2022;2(1):50–9.
14. Saida MDN. Analisis Kinerja Perdagangan Ubi Kayu. Pus Data dan Sist Inf Pertanian Sekr Jendral, Menteri Pertanian 2023;1–65.
15. Ioniță-Mîndrican CB, Ziani K, Mititelu M, Oprea E, Neacșu SM, Moroșan E, et al. Therapeutic Benefits and Dietary Restrictions of Fiber Intake: A State of the Art Review. *Nutrients* 2022;14(13):100–25.
16. Association of Southeast Asian Nations. 38th ASEAN Summit [Internet]. In: ASEAN Leaders' Declaration on the Reformulation and Production of Healthier Food and Beverage Options. 2021. Available from: <https://asean.org/>

17. Rahmawati R, Asmoro NW, Handayani CB. Karakteristik Mie Basah dari Tepung Mocaf (Modified Cassava Flour) dan Tapioka dengan Penambahan Variasi Tepung Porang (*Amorphophallus muelleri* Blume). *J Ilmu Pangan dan Has Pertan* 2024;8(1):86–99.
18. World Instant Noodles Association. Global Demand of Instant Noodles [Internet]. OSAKA: 2024. Available from: <https://instantnoodles.org/en/noodles/demand/table/>
19. Agustin I, Maulidi Septimar Z, Rochmani S, Farida I, Madani UY. Hubungan Perilaku Konsumsi Mie Instan Dengan Tingkat Indeks Massa Tubuh (IMT) Pada Warga Di Rt 03 Desa Buniayu Kabupaten Tangerang. *Nusant Hasana J* 2022;2(6):Page.
20. Kementerian Kesehatan RI. Tabel Komposisi Pangan Indonesia 2020. 2018.
21. Prihayati DA, Purwani E. The Effect of Composite Flour Composition (Sorghum, Mocaf, and Wheat) on the Elongation, Tensile Strength, and Acceptance of Noodles †. *Eng Proc* 2024;63(1).
22. Morell P, Fiszman S. Revisiting the role of protein-induced satiation and satiety. *Food Hydrocoll* 2017;68:199–210.
23. Sutiri NK, Dwipayanti NMU, Astuti PAS, Wulandari KNP, Astuti W. Defisiensi mikronutrien pada anak usia 12-59 bulan di Desa Lebih, Kabupaten Gianyar, Bali. *J Gizi Klin Indones* [Internet] 2022;19(2):58. Available from: <https://jurnal.ugm.ac.id/jgki/article/view/76336>
24. Astawan, M. TW dan LM. Tempe: Sumber Zat Gizi dan Komponen Bioaktif untuk Kesehatan. Bogor: Penerbit IPB Press; 2017.
25. Wu JY, Wee S, Ler SG, Henry CJ, Gunaratne J. Unraveling the impact of tempeh fermentation on protein nutrients: An in vitro proteomics and peptidomics approach. *Food Chem* 2025;474.
26. Teoh SQ, Chin NL, Chong CW, Ripen AM, How S, Lim JLL. A review on health benefits and processing of tempeh with outlines on its functional microbes. *Futur Foods* [Internet] 2024;9(February):100330. Available from: <https://doi.org/10.1016/j.fufo.2024.100330>
27. Busebee B, Ghush W, Cifuentes L, Acosta A. Obesity: A Review of Pathophysiology and Classification. 2023;98(December):1842–57.
28. Septiyanti S, Seniwati S. Obesity and Central Obesity in Indonesian Urban Communities. *J Ilm Kesehat* 2020;2(3):118–27.
29. Salim BRK, Wihandani DM, Dewi NNA. Obesitas sebagai faktor risiko terjadinya peningkatan kadar trigliserida dalam darah: tinjauan pustaka. *Intisari Sains Medis* 2021;12(2):519–23.
30. Khanna D, Peltzer C, Kahar P, Parmar MS. Body Mass Index (BMI): A Screening Tool Analysis. *Cureus* 2022;14(1994):1–6.
31. Lim JU, Lee JH, Kim JS, Hwang Y Il, Kim TH, Lim SY, et al. Comparison of World Health Organization and Asia-Pacific body mass index classifications in COPD patients. *Int J COPD* 2017;12:2465–75.
32. Harbuwono DS, Pramono LA, Yunir E, Subekti I. Obesity and central obesity in indonesia: Evidence from a national health survey. *Med J Indones*

2018;27(2):53–9.

33. Masood B, Moorthy M. Causes of obesity: a review. *Clin Med J R Coll Physicians London* 2023;23(4):284–91.
34. Indriyani TR, Rahmawati A, Khoirunnisa L, Wahyurin IS. The Effectiveness of Low-Carb Diet vs Low-Fat Diet on Body Composition in People with Obesity: A Literature Review. *Amerta Nutr* 2024;8(1):139–50.
35. Klein S, Gastaldelli A, Yki-Järvinen H, Scherer PE. Why does obesity cause diabetes? *Cell Metab* 2022;34(1):11–20.
36. Pati S, Irfan W, Jameel A, Ahmed S, Shahid RK. Obesity and Cancer: A Current Overview of Epidemiology, Pathogenesis, Outcomes, and Management. *Cancers (Basel)* 2023;15(2):1–21.
37. Koskinas KC, Van Craenenbroeck EM, Antoniadou C, Blüher M, Gorter TM, Hanssen H, et al. Obesity and cardiovascular disease: an ESC clinical consensus statement. *Eur Heart J* [Internet] 2024;45(38):4063–98. Available from: <https://doi.org/10.1093/eurheartj/ehae508>
38. Messineo L, Bakker JP, Cronin J, Yee J, White DP. Obstructive sleep apnea and obesity: A review of epidemiology, pathophysiology and the effect of weight-loss treatments. *Sleep Med Rev* 2024;78(August).
39. Jones JM. CODEX-aligned dietary fiber definitions help to bridge the “fiber gap.” *Nutr J* 2014;13(1):1–10.
40. RI K. Anjuran Kecukupan Gizi Permenkes 28 tahun 2019. 2019.
41. Suresh A, Shobna, Salaria M, Morya S, Khalid W, Afzal FA, et al. Dietary fiber: an unmatched food component for sustainable health. *Food Agric Immunol* [Internet] 2024;35(1):1–30. Available from: <https://doi.org/10.1080/09540105.2024.2384420>
42. Salo TEI, Niinistö S, Korhonen TE, Pastell H, Reinivuo H, Takkinen HM, et al. Intake and sources of dietary fibre and dietary fibre fractions in Finnish children. *Br J Nutr* 2023;130(8):1416–26.
43. Popoola-Akinola OO, Raji TJ, Olawoye B. Lignocellulose, dietary fibre, inulin and their potential application in food. *Heliyon* [Internet] 2022;8(8):e10459. Available from: <https://doi.org/10.1016/j.heliyon.2022.e10459>
44. Jain M, Amara GM, Muthukumaran J, Singh AK. Insights into biological role of plant defense proteins: A review. *Biocatal Agric Biotechnol* 2022;40.
45. Fatima I, Gamage I, De Almeida RJR, Cabandugama P, Kamath G. Current Understanding of Dietary Fiber and Its Role in Chronic Diseases. *Mo Med* 2023;120(5):381–8.
46. Reynolds A, Mann J, Cummings J, Winter N, Mete E, Te Morenga L. Carbohydrate quality and human health: a series of systematic reviews and meta-analyses. *Lancet* 2019;393(10170):434–45.
47. E. J, N. M, A. K, R. K, D. L, S. BM, et al. Can dietary viscous fiber affect body weight independently of an energy-restrictive diet? A systematic review and meta-analysis of randomized controlled trials. *Am J Clin Nutr* [Internet] 2020;111(2):471–85. Available from: <http://www.ajcn.org/contents-by-date.2005.shtml>

48. U.S. Food & Drug Administration. Interactive Nutrition Facts Label - Sugar Alcohols. 2021;(October):1–2. Available from: https://www.accessdata.fda.gov/scripts/InteractiveNutritionFactsLabel/assets/InteractiveNFL_SugarAlcohols_October2021.pdf
49. Astawan M, Prayudani APG, Rachmawati NA. Isolat Protein: Teknik Produksi, Sifat-sifat Fungsional, dan Aplikasinya di Industri Pangan. Bogor: Penerbit IPB Press; 2020.
50. Duan H, Liu G, Feng D, Wang Z, Yan W. Research Progress on New Functions of Animal and Plant Proteins. *Foods* 2024;13(8):1–15.
51. Loss D induced W. Clinical Evidence and Mechanisms of High-Protein. *J Obes Metab Syndr* 2020;29:166–73.
52. Leidy HJ, Clifton PM, Astrup A, Wycherley TP, Westerterp-Plantenga MS, Luscombe-Marsh ND, et al. The role of protein in weight loss and maintenance. *Am J Clin Nutr* 2015;101(6):1320S–1329S.
53. Badan Pengembangan dan Pembinaan Bahasa. Kamus Besar Bahasa Indonesia Edisi keenam [Internet] [Internet]. Jakarta: Balai Pustaka; 2021. Available from: <https://kbbi.kemdikbud.go.id/>
54. Devi Maharani A, Nurwantoro, Priyo Bintoro V. Karakteristik Fisik dan Hedonik Mie Basah Berbahan Dasar Terigu dengan Substitusi Tepung Labu Kuning dan Tepung Daun Kelor. *J Teknol Pangan [Internet]* 2023;7(1):28–33. Available from: www.ejournal-s1.undip.ac.id/index.php/tekpangan.
55. Astawan M. Membuat Mi dan Bihun. Jakarta: Penebar Swadaya; 2008.
56. Amanda, Destiarini Nastiti, Lillah Khofifah. Pengaruh Konsumsi Mie Instan terhadap Status Gizi pada Mahasiswa Poltekkes Kemenkes Banjarmasin. *J Nutr* 2023;20(10):203–13.
57. Maman M, RM Y. Hilirisasi Pengolahan Ubi Kayu di Bidang Pangan Menuju Industri 4.0. 2019.
58. Wahyurini E, Sugandini D. Budidaya dan aneka olahan singkong. Yogyakarta: Lembaga Penelitian dan Pengabdian Kepada Masyarakat UPN “Veteran” Yogyakarta; 2021.
59. Wassie AS. Cassava (*Manihot esculenta* Crantz) Production and Field Management in Ethiopia. *Int J Sci Res [Internet]* 2018;8(10):1254–63. Available from: www.ijsr.net
60. Reihan ND, Daima AS, Lukviana DL. Buku Panduan Pengembangan Produk Olahan Pangan Singkong. 2022.
61. Helmi RL, Khasanah Y, Damayanti E, Kurniadi M, Mahelingga DE. Modified Cassava Flour (Mocaf): Optimalisasi Proses dan Potensi Pengembangan Industri Berbasis UMKM [Internet]. Lembaga Ilmu Pengetahuan Indonesia (LIPI); 2020. Available from: <https://penerbit.brin.go.id/press/catalog/view/43/254/1916>
62. Anggreini RA, Indriana DP. Pengendalian Mutu Mocaf (Modified Cassava Flour) dengan Metode Seven Tools. *J Teknol Pangan* 2023;17(2):42–54.
63. Raharja S, Suparno O, Udin F. Mocaf (Mocaf-Gluten). IPB PRESS; 2019.

64. Wibowo Y, Tri S, Soekarno S, Wiyono AE, Wibowo Y, Soekarno S, et al. Manajemen Risiko Pengembangan Industri Mocaf (Modified Cassava Flour) Di Kabupaten Jember. *J Teknol Ind Pertan* 2023;33(3):239–53.
65. Mauroh DA, Hasanah YR, Mulyadi AH. Effect of Starter Concentration and Fermentation Time on the Characteristics of Modified of Cassava Flour (Mocaf). *Res Chem Eng* 2023;2(1):23–8.
66. Prastiwi EK, Fatoni R, Fathoni A, Setiarto RHB, Damayanti E. The Effect of Fermentation Time on The Quality of Mocaf (Modified Cassava Flour) with Raw Material Bokor Genotype Cassava. *J Tek Pertan Lampung (Journal Agric Eng* 2024;13(1):12.
67. Kardhinata EH, Purba E, Suryanto D, Rusmarilin H. Modified cassava flour (MOCAF) content of cassava (*Manihot esculenta* CRANTZ) in North Sumatera. *IOP Conf Ser Earth Environ Sci* 2019;260(1).
68. Hariadi H, Anggara CEW, Fizriani A, Judiono J, Quddus AA, Widiawati W, et al. Characteristics of brownies from mocaf flour (modified cassava flour) and black soybean flour (*Glycine soja*). *Appl Res Sci Technol* 2023;3(1):15–30.
69. Wahjuningsih SB, Anggraeni D, Siqhny ZD, Triputranto A, Elianarni D, Purwitasari L, et al. Formulation, Nutritional and Sensory Evaluation of Mocaf (Modified Cassava Flour) Noodles with Lato (Caulerpa lentillifera) Addition. *Curr Res Nutr Food Sci* 2023;11(3):1008–21.
70. Rahmi Y, Wani YA, Kusuma TS, Yuliani SC, Rafidah G, Azizah TA. Profil Mutu Gizi, Fisik, dan Organoleptik Mie Basah dengan Tepung Daun Kelor (*Moringa Oleifera*). *Indones J Hum Nutr* 2019;6(1):10–21.
71. Rosida DF. Modifikasi Pati Dari Umbi-Umbian Lokal. 2021.
72. Zaki M, Devi M, Hidayati L. Penggunaan Tepung Mocaf (Modified cassava flour) dengan Persentase Berbeda Mempengaruhi Kualitas Bolu Kukus. *J Food Technol Agroindustry* 2024;6(1):1–8.
73. [BSN] Badan Standarisasi Nasional. SNI 7622-2011 Tentang Syarat Mutu: MOCAF. Jakarta, Indonesia: 2011.
74. Yudiona K. Pemetaan Karakteristik Kedelai Lokal Versus Kedelai Impor sebagai Bahan Baku Tempe. Malang: PT. Literasi Nusantara Abadi Grup; 2024.
75. Suhaeni N. Petunjuk Praktis Menanam Kedelai [Internet]. Bandung: 2016. Available from: https://www.google.co.id/books/edition/Petunjuk_Praktis_Menanam_Jeruk/XeSzEAAAQBAJ?hl=en&gbpv=0
76. Belobrajdic DP, James-Martin G, Jones D, Tran CD. Soy and Gastrointestinal Health: A Review. *Nutrients* 2023;15(8).
77. Astawan M, Wresdiyati T, Widowati S, Bintar siti harnina, Ichsani N. Karakteristik Fisikokimia dan Sifat Fungsional Tempe yang Dihasilkan dari Berbagai Varietas Kedelai. *J Pangan* 2013;22(3):241–52.
78. Haloho JD, Kartinaty T. Comparison Of Quality Tofus From Local Soybean and Soybean Import. *J TABARO* 2020;4(1):49–55.
79. Astawan M, Humayrah W, Dewi L, Anwar K, Novianti A. *Gastronomi 100+ Inovasi Tempe*. Penerbit IPB Press; 2021.

80. Prativi MBN, Astuti DI, Putri SP, Laviña WA, Fukusaki E, Aditiawati P. Metabolite Changes in Indonesian Tempe Production from Raw Soybeans to Over-Fermented Tempe. *Metabolites* 2023;13(2):1–16.
81. Anisa Widiastuti KKKA. Pembuatan Fermentasi Tempe Kacang Tanah (*Arachis hypogaea* L.). *Biol Education Sci & Technology* 2024;7(2654 – 4652):1164–70.
82. Astawan M, Wresdiyati T, Saragih AM. Evaluasi Mutu Protein Tepung Tempe dan Tepung Kedelai Rebus Pada Tikus Percobaan. *J Mutu Pangan* 2015;2(1):11–7.
83. Astawan M, Mardhiyyah YS, Wijaya CH. Potential of Bioactive Components in Tempe for the Treatment of Obesity. *J Gizi dan Pangan* 2018;13(2):79–86.
84. do Prado FG, Pagnoncelli MGB, de Melo Pereira GV, Karp SG, Soccol CR. Fermented Soy Products and Their Potential Health Benefits: A Review. *Microorganisms* 2022;10(8).
85. Nadia FS, Wati DA, Isnawati M, Sulchan M, Afifah DN. The effect of processed tempeh gembus to triglycerides levels and insulin resistance status in women with obesity. *Food Res* 2020;4(4):1000–10.
86. Dayib M, Larson J, Slavin J. Dietary fibers reduce obesity-related disorders: mechanisms of action. *Curr Opin Clin Nutr Metab Care* 2020;23(6):445–50.
87. Astawan, M & Hazmi K. Karakteristik fisikokimia tepung kecambah kedelai dan tepung kedelai. *Artik Dep Ilmu dan Teknol Pangan, Fak Teknol Pertanian, IPB* 2016;11(September 2012):105–12.
88. Astawan M, Rahmawati IS, Cahyani AP, Wresdiyati T, Putri SP, Fukusaki E. Comparison between the potential of tempe flour made from germinated and nongerminated soybeans in preventing diabetes mellitus. *HAYATI J Biosci* 2020;27(1):16–23.
89. Jurnal G, Ilmu M. Gudang Jurnal Multidisiplin Ilmu Analisis Faktor Risiko Obesitas Pada Individu Menggunakan Algoritma Random Forest Dengan Rapidminer. 2024;2(November):54–60.
90. Supartini P, Sri Wiadnyani AAI, Ekawati IGA. Mi Instan Gluten Free Kaya Serat Pangan Berbasis Tepung Komposit Mocaf Dan Tepung Talas (*Xantosoma* L.). *J Ilmu dan Teknol Pangan* 2023;12(3):575.
91. Kristanti D, Setiaboma W, Herminati A. KARAKTERISTIK FISILOGOKIMIA DAN ORGANOLEPTIK COOKIES. 2020;11(1):1–8.
92. Puspitasari A, Astawan M, Wresdiyati T. Pengaruh Germinasi Kedelai terhadap Komposisi Proksimat dan Komponen Bioaktif Isoflavon Tempe Segar dan Semangit. *Pangan* 2020;29(1):35–44.
93. Wa ode N, Darmawati E, Suro Mardjan S, Khumaida N. Komposisi Fisikokimia Tepung Ubi Kayu dan Mocaf dari Tiga Genotipe Ubi Kayu Hasil Pemuliaan. *J Keteknikan Pertan* 2020;8(3):97–104.
94. Syukri D, Yenrina R, Azima F. Serba Serbi Praktis Analisis Proksimat Bahan Pangan bagi Mahasiswa. 1st ed. Sidoarjo: Indomedia Pustaka; 2020.
95. Stojanovska L, Ali HI, Kamal-Eldin A, Souka U, Al Dhaheri AS, Cheikh Ismail L, et al. Soluble and Insoluble Dietary Fibre in Date Fruit Varieties: An

- Evaluation of Methods and Their Implications for Human Health. *Foods* 2023;12(6).
96. Hastono, Priyo S. Analisis Data Pada Bidang Kesehatan. Rajawali Press; 2016.
 97. Nurdjanah, Siti Susilawati, Susilawati Hasanudin, Udin Anitasari A. Karakteristik Morfologi dan Kimiawi Beberapa Varietas Ubi Kayu *Jurnal Agroteknologi* Vol. 14 No. 02 (2020). 2020;14(02).
 98. Ilyasa SN, Hodijat A, Putranto K. Pengaruh Konsentrasi Starter Bimo-CF dan Waktu Fermentasi terhadap Karakteristik Tepung Mocaf. *J Dimamu* 2024;3(2):177–86.
 99. Madani A, Fertiasari R, Tritisari A, Safitri N. Analisis Kandungan Proksimat Cookies Tepung Tempe. *J Food Secur Agroindustry* 2023;1(2):40–9.
 100. Metty, Inayah, Widiyanti FL, Shayida H. Analisis Kesukaan Tepung Tempe Semangit Berbahan Dasar Kacang Kedelai Import dan Lokal sebagai Bumbu Penyedap. *Pros Semin Nas Univ Respati Yogyakarta* 2022;4(1):49–53.
 101. Putri NA, Riyanto RA, Budijanto S, Raharja S. Quality Improvement of Talas Beneng (*Xanthosoma undipes* K . Koch) Flour as Banten Potential Local Product : A Preliminary Study. *J Trop AgriFood* 2021;3(2):1–10.
 102. Arifin I, Ulfah T, Adiputra R, Hariadi H, Akhdiyat T. Karakteristik Sensorik Telur Asin dengan Pemberian Tepung Daun Jeruk Purut (*Citrus Hystrix*). *AGRITEKH (Jurnal Agribisnis dan Teknol Pangan)* 2024;4(2):82–9.
 103. Khalisa, Lubis Y, Agustina R. Uji organoleptik minuman sari buah belimbing wuluh (*Averrhoa bilimbi* L). *J Ilm Mhs Pertan* 2021;6.
 104. Maryam S. The flavonoid levels in substituted noodles of tempe flour and carrot extract. *J Phys Conf Ser* 2019;1317(1):0–5.
 105. Holinesti R, Deni PS. The Effect Of Tempe Flour Substituion On Nastar Quality. *J Pendidik Tata Boga dan Teknol* 2020;1(2):70.
 106. Ayu YA, Herdiana N, Sartika D, Hidayati S. Pengaruh Penambahan Tepung Tempe Terhadap Sifat Fisikokimia Dan Sensori Pada Kerupuk Ikan Lele (*Clarias gariepinus*). *J Agroindustri Berkelanjutan [Internet]* 2022;1(2):294–305. Available from: <http://digilib.unila.ac.id/id/eprint/63760%0Ahttp://digilib.unila.ac.id/63760/3/SKRIPSI FULL TANPA BAB PEMBAHASAN.pdf>
 107. Nurman Z, Yuska D, Puri IY. Uji Kadar Protein , Serat dan Organoleptik Cake Tempe sebagai Alternatif Snack Pasien Diabetes Melitus (DM) Test Levels of Protein , Fiber and Organoleptic Tempeh Cake as an Alternative Snack for Diabetes Mellitus (DM) Patients *Jurnal Ilmiah Kesehatan*. 2024;6(3):352–64.
 108. Mahdi SA, Astawan M, Wulandari N, Muhandri T, Halim M. Sifat Fisikokimia dan Mikrobiologi Serbuk Minuman Berbasis Konsentrat Protein Tempe pada Berbagai Suhu Penyimpanan. *J Pangan* 2022;32(2):141–52.
 109. Wahyuningsih E, Sholichah R, Ulilalbab A, Palupi M. The Influence of Taro Flour and Tempe Flour Proportion on Water Lavel and Acceptability of Flakes. *Media Ilm Teknol Pangan (Scientific J Food Technol* 2017;4(2):127–37.
 110. Kadek ACID, Sugiani PPS, Tamam B. Subsitusi Tepung Tempe Pada Tepung Beras Terhadap Kadar Protein Dan Mutu Organoleptik Jaje Laklak. *J Nutr Sci*

2024;13(1):55–61.

111. Haerudjaman R. Pengaruh Imbangan Tepung Tempe Dan Terigu Terhadap Karakteristik Roti Tawar. *AGRITEKH (Jurnal Agribisnis dan Teknol Pangan)* 2021;2(1):34–51.
112. Muhammad R, Agustina R, Hartuti S, Yasar M. Uji Organoleptik Ikan Teri Yang Dikeringkan Dengan Green House Effect (GHE) Vent. Dryer (Organoleptic Test of Dried Anchovy With Green House Effect (GHE) Vent. Dryer). *J Ilm Mhs Pertan [Internet]* 2022;7(1):590–5. Available from: www.jim.unsyiah.ac.id/JFP
113. Septi P, Sriwahyuni A, Hervidea R, Astuti DW. SUBSTITUSI TEPUNG MOKAF (MODIFIED CASSAVA FLOUR). 2025;6:211–20.
114. Sari OS, Ismawati R. Mie Kering Subtitusi Tepung Tempe Dengan Penambahan Puree Daun Kelor Untuk Anemia. *J Kesehat Tambusai* 2023;4(2):860–76.
115. Jayanti K, Suroso E, Astuti S, Herdiana N. Pengaruh perbandingan tepung mocaf (Modified Cassava Flour) dan tapioka sebagai bahan pengisi terhadap sifat kimia, fisik, dan sensori nugget ikan baji-baji (*Grammoplites Scaber*). *J Agroindustri Berkelanjutan* 2023;2(2):250–63.
116. Syarifah N, Suhartiningsih. Pengaruh Substitusi Tepung Tempe dan Proporsi Cairan (Air dan Puree Brokoli) Terhadap Sifat Organoleptik Mie Kering. *Tata Boga* 2019;8(2):244–50.
117. Daud, A.; Nuzulyanti S. Kajian penerapan faktor yang mempengaruhi akurasi penentuan kadar air metode thermogravimetri. *J Ilm* 2020;24(2):11–16.
118. Badan Standardisasi Nasional. SNI 3551:2018 Mi Instant. Indonesia: 2018.
119. Wahyuningsih E, Sholichah RM, Ulilalbab A, Palupi M, Karya G, Kediri H. Pengaruh Proporsi Talas dan Tepung Tempe Terhadap Kadar Air dan Daya Terima Flakes. *J Media Ilm Teknol Pangan (Scientific J Food Technol* 2017;4(2):127–37.
120. Arifin HR, Lembong E, Irawan AN. Karakteristik Fisik Roti Tawar Dari Subsitusi Terigu Dengan Tepung Komposit Sukun (*Artocarpus Atilis F.*) Dan Pisang (*Musa Paradisiaca L.*) Sebagai Pemanfaatan Komoditas Lokal. *J Penelit Pangan (Indonesian J Food Res* 2023;3(1):20–6.
121. Arsyad M. Pengaruh Penambahan Tepung Mocaf Terhadap Kualitas Produk Biskuit. 2016;3(3):52–61.
122. Irshad Z, Aamir M, Akram N, Asghar A, Saeed F, Ahmed A, et al. Nutritional profiling and sensory attributes of sesame seed-enriched bars. *Int J Food Prop [Internet]* 2023;26(2):2978–94. Available from: <https://doi.org/10.1080/10942912.2023.2264525>
123. Abulais DM, Yabansabra YR, Patiung OR. Uji Proksimat (Kadar air, Kadar Abu, Kadar Serat) dan Kadar Polifenol Dari Kulit Kopi Asal Wamena. *AVOGADRO J Kim* 2022;6(November):69–74.
124. Maryam S. Penambahan Tepung Tempe Dan Ekstrak Wortel Proses Pembuatan Mie Berkualitas. *JST (Jurnal Sains dan Teknol* 2022;11(2):238–48.
125. Baku Beras Ketan Merah B, dan Putih H, Kiay N, Abdullah S, Abdullah F,

- Nyoman Riastutik D. Karakteristik Fisikokimia dan Organoleptik Produk Flakes Physicochemical and Organoleptic Characteristics of Flakes Products Made from Red, Black and White Glutinous Rice. *Gorontalo Agric Technol J* 2024;7(1):26–37.
126. Deglas W, Yosefa F, Pangan T, Tonggak Equator P. Pengujian Kadar Yodium, NaCl dan Kadar Air pada Dua Merek Garam Konsumsi. *J Pertan dan Pangan* 2020;2(1):16–21.
 127. Dipowaseso DA, Nurwantoro, Hintono A. Karakteristik Fisik Dan Daya Oles Selai Kolang-Kaling yang Dibuat Melalui Substitusi Pektin dengan Modified Cassava Flour (MOCAF) sebagai Bahan Pengental Physcal Characteristics and Smearing Ability of Sugar Palm Fruit Jam Made Through Pectin Substitution. *J Teknol Pangan [Internet]* 2018;2(1):1–7. Available from: www.ejournal-s1.undip.ac.id/index.php/tekpangan.
 128. Zakir-Hassan G, Rahim MSA, Hassan A, ... *Global Journal of Research in Agriculture & Life Sciences*. J homepage ... [Internet] 2023;(June). Available from: https://www.researchgate.net/profile/Ghulam-Zakir-Hassan/publication/371135477_Global_Journal_of_Research_in_Agriculture_Life_Sciences_Original_Research_Article_Hill_Torrents'_Management_Options_in_Koh-e-Suleman_Range_Pakistan-Community_Perspective/links/
 129. Pemilia A, Handito D, Sulastri Y. Pengaruh Konsentrasi Tepung Tempe Terhadap Nutrisi Dan Mutu Sensori Opak Singkong Dari Lombok Utara. *Pro Food* 2019;5(2):459–68.
 130. LaPelusa A KR. Pysiology, Proteins [Internet]. StatPearls Publishing; 2022. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK555990/>
 131. Badan Standardisasi Nasional. SNI 2987-2015 Mi Kering. Indonesia: 2015.
 132. BPOM. Peraturan Badan Pengawas Obat Dan Makanan Nomor 1 Tahun 2022 Tentang Pengawasan Klaim Pada Label Dan Iklan Pangan Olahan. *Peratur BPOM* 2022;11:1–16.
 133. Dwipayanti H, Agustini NP, Antarini AAN. Pengaruh rasio tepung mocaf dan tepung tempe terhadap karakteristik brownies kukus. *J Nutr Sci* 2022;11(2):96–104.
 134. Kiswanto Y. Effect of Tempe Dietary to Cholesterol Excretion and Short Chain Fatty Acid on rats Digesta Caecum. *J Teknol dan Ind Pangan* 2017;2(2):143–9.
 135. Yosephin B. Tuntunan Praktis Menghitung Kebutuhan Gizi. Perpust Tenas Effendy Kota Pekanbaru [Internet] 2018;202p. Available from: <https://pustaka.pekanbaru.go.id/inlislite3/opac/detail-opac?id=28395>
 136. Yujin K, Hyesun L, Juyoung P, Jiwon L. Associating Intake Proportion of Carbohydrate, Fat, and Protein with All-Cause Mortality in Korean Adults. *Nutrients* 2020;12:3208.
 137. Peraturan BPOM No 26 Tahun 2021 Tentang Informasi Nilai Gizi Pada Label Pangan Olahan. Badan pengawas obat dan makanan republik indonesia. *Bpom Ri* 2021;11:1–16.