

DAFTAR PUSTAKA

- Adhayanti, I., & Ahmad, T. (2020). Karakter Mutu Fisik dan Kimia Serbuk Minuman Instan Kulit Buah Naga yang Diproduksi dengan Metode Pengeringan yang Berbeda. *Media Farmasi*, 16(1), 57-64. doi:<https://doi.org/10.32382/mf.v16i1.1418>
- Aini, N. N. (2020). *Pendugaan Umur Simpan Permen Cokelat Probiotik Lactobacillus plantarum Dad-13 yang Diproduksi di Taman Teknologi Pertanian Nglanggeran, Gunungkidul*. ETD UGM.
- Amidon, G. E., Meyer, P. J., & Mudie, D. M. (2017). Chapter 10 - Particle, Powder, and Compact Characterization. In *Developing Solid Oral Dosage Forms (Second Edition)* (pp. 271-293). Academic Press. doi:<https://doi.org/10.1016/B978-0-12-802447-8.00010-8>
- Arepally, D., Reddy, R. S., & Goswami, T. K. (2020). RETRACTED: Studies on survivability, storage stability of encapsulated spray dried probiotic powder. *Current Research in Food Science*, 3, 235-242. doi:<https://doi.org/10.1016/j.crfs.2020.09.001>
- Arifan, F., Winarni, S., Wahyuningsih, Pudjihastuti, I., & Broto, R. T. (2019). Total Plate Count (TPC) Analysis of Processed Ginger on Tlogowungu Village. *Proceedings of the International Conference on Maritime and Archipelago (ICoMA 2018)*. doi:<https://doi.org/10.2991/icoma-18.2019.80>
- Arygunartha, G. Y., Setianingsih, N. L., & Sunarso, S. U. (2022). Pengaruh Proses Pengolahan Terhadap Sifat Fisika dan Kimia Bubuk Kedelai: Literature Review. *Jurnal Impresi Indonesia*, 1(2), 89-94.
- Asiah, N., Cempaka, L., & David, W. (2018). *Panduan Praktis Pendugaan Umur Simpan Produk Pangan*. Kuningan, Jakarta Selatan: Penerbitan Universitas Bakrie.
- Astarini, F., Sigit, B., & Praseptianga, D. (2014). FORMULASI DAN EVALUASI SIFAT SENSORIS DAN FISIKOKIMIA FLAKES KOMPOSIT DARI TEPUNG TAPIOKA, TEPUNG KONJAC (*Amorphophallus oncophyllus*) DAN TEPUNG KACANG HIJAU (*Phaseolus radiatus* L.). *Jurnal Teknosains Pangan*, 3(1), 106-114.
- Ayu, R. D., Wahyuni, S., & Faradilla, R. H. (2021). Pengaruh Formulasi Tepung Pangan Lokal Terhadap Karakteristik Produk Flakes (Sereal): Studi Kepustakaan. *Jurnal Sains dan Teknologi Pangan*, 6(1), 3657-3663.
- Bayu, B., Aminah, S., & Nurhidajah. (2017). Karakteristik Fisik dan Organoleptik Sereal Berbasis Kecambah Jagung-Kedelai. *Jurnal Pangan dan Gizi*, 7(1), 28-37. doi:<https://doi.org/10.26714/jpg.7.1.2017.28-37>

- Berk, Z. (2018). Chapter 1 - Physical properties of food materials. In Z. Berk (Ed.), *Food Process Engineering and Technology (Third Edition)* (pp. 1-29). Academic Press. doi:<https://doi.org/10.1016/B978-0-12-812018-7.00001-4>
- Bodke, H., & Jogdand, S. (2022). Role of Probiotics in Human Health. *Cureus*. doi:<https://doi.org/10.7759%2Fcureus.31313>
- Busaga, C. G., Betoret, N., Segui, L., Betoret, E., & Barrera, C. (2020). Survival of *Lactobacillus salivarius* CECT 4063 and Stability of Antioxidant Compounds in Dried Apple Snacks as Affected by the Water Activity, the Addition of Trehalose and High Pressure Homogenization. *Microorganisms*, 8(8). doi:<https://doi.org/10.3390/microorganisms8081095>
- Cahyani, I. D., & Purbowati. (2022). Nilai Indeks Glikemik Sereal Jagung dengan Penambahan Kacang Hijau dan Kacang Merah. *Sport and Nutriron Journal*, 4(1), 13-19. Retrieved from <https://journal.unnes.ac.id/sju/index.php/spnj/>
- Cassani, L., Gomez-Zavaglia, A., & Simal-Gandara, J. (2019). Technological strategies ensuring the safe arrival of beneficial microorganisms to the gut: From food processing and storage to their passage through the gastrointestinal tract. *Food Research International*, 129(11). doi:<http://dx.doi.org/10.1016/j.foodres.2019.108852>
- Chandra, L., Marsono, Y., & Sutedja, A. M. (2014). Sifat Fisikokimia dan Organoleptik Flake Beras Merah dengan Variasi Suhu Perebusan dan Suhu Pengeringan. *Jurnal Teknologi Pangan dan Gizi*, 13(2), 57-68.
- Chen, J., & Rosenthal, A. (2015). 1-Food texture and structure. In *Modifying Food Texture* (pp. 3-24). Woodhead Publishing. doi:<https://doi.org/10.1016/B978-1-78242-333-1.00001-2>
- Chouhan, S. (2015). Enumeration and Identification of Standard Plate Count Bacteria in Raw Water Supplies. *IOSR Journal of Environmental Science, Toxicology, and Food*, 9(2), 67-73. doi:<http://dx.doi.org/10.9790/2402-09226773>
- Ciptasari, R., & Nurrahman. (2020). Sifat Fisik, Sifat Organoleptik, dan Aktivitas Antioksidan Susu Bubuk Kedelai Hitam Berdasarkan Konsentrasi Tween 80. *Jurnal Pangan dan Gizi*, 45-59. Retrieved from <http://jurnal.unimus.ac.id/index.php/JPDG>
- Clayton, J. (2019). Chapter 17-An Introduction to Powder Characterization. In *Handbook of Pharmaceutical Wet Granulation* (pp. 569-613). Academic Press. doi:<https://doi.org/10.1016/B978-0-12-810460-6.00021-X>

- Ding, H., Yu, W., Bioarkina, I., Depree, N., & Young, B. R. (2020). Effects of morphology on the dispersibility of instant whole milk powder. *Journal of Food Engineering*, 276. doi:<https://doi.org/10.1016/j.jfoodeng.2019.109841>
- Erfandi, W., Zainal, & Salengke. (2018). Karakteristik Susu Kedelai Bubuk yang Diproses dengan Pengeringan Beku dan Pengeringan Vakum. *Jurnal Agrisistem*, 14(2), 113-124.
- F.A.O, J. (2002). WHO working group report on drafting guidelines for the evaluation of probiotics in food. 30(1), 16-22.
- Farris, A. B., Selig, m. K., & Nielsen, G. P. (2010). Chapter 5 - Ultrastructural Diagnosis of Infection. In R. L. Kradin, & R. L. Kradin (Ed.), *Chapter 5 - Ultrastructural Diagnosis of Infection* (pp. 77-98). Elsevier. doi:<https://doi.org/10.1016/B978-1-4160-3429-2.00005-5>
- Fijan, S. (2014). Microorganisms with Claimed Probiotic Properties: An Overview of Recent Literature. *Int. J. Environ. Res. Public Health*, 11(5), 4745-4767. doi:<https://doi.org/10.3390/ijerph110504745>
- Flach, J., Waal, M. B., Nieuwboer, M. v., Claassen, E., & Larsen, O. F. (2018). The underexposed role of food matrices in probiotic products: Reviewing the relationship between carrier matrices and product parameters. *Crit Rev Food Sci Nutr*, 58(15), 2570-2584. doi:<https://doi.org/10.1080/10408398.2017.1334624>
- Gatya, M. (2020, November 14). *Lactobacillus plantarum Dad-13, Probiotik Lokal yang Berpotensi Mendukung Industri Fermentasi di Indonesia*. Retrieved from PUI-PT Riset dan Aplikasi Probiotik Terpadu untuk Industri (PUI-PT PROBIOTIK): <https://probiotics.wg.ugm.ac.id/2020/11/14/lactobacillus-plantarum-dad-13-probiotik-lokal-yang-berpotensi-mendukung-industri-fermentasi-di-indonesia/>
- George, F., Daniel, C., Thomas, M., Singer, E., Guilbaud, A., Tessier, F. J., . . . Foligne, B. (2018). Occurrence and Dynamism of Lactic Acid Bacteria in Distinct Ecological Niches: A Multifaceted Functional Health Perspective. *Front Microbiol*. doi:<https://doi.org/10.3389/fmicb.2018.02899>
- Haouet, M. N., Tommasino, M., Mercuri, M. L., Benedetti, F., Bella, S. d., Framboas, M., . . . Altissimi, M. S. (2018). Experimental Accelerated Shelf Life Determination of A Ready-to-eat Processed Food. *Italian Journal of Food Safety*, 7, 189-192.
- Hapsari, D. R., Maulani, A. R., & Aminah, S. (2022). Karakteristik Fisik, Kimia, dan Sensori Flakes Berbasis Tepung Uwi Ungu (*Dioscorea alata* L.) dengan Penambahan Tepung Kacang Kedelai (*Glicyn max* L.). *Jurnal Agroindustri Halal*, 8(2), 201-212.

- Harahap, S. E., Purwanto, Y. A., Budijanto, S., & Maharijaya, A. (2018). Karakterisasi Kerenyahan dan Kekerasan Beberapa Genotipe Kentang (*Solanum tuberosum* L.) Hasil Pemuliaan. *Jurnal Pangan*, 26(3). doi:<https://doi.org/10.33964/jp.v26i3.358>
- Harris, H., & Fadli, M. (2014). Penentuan Umur Simpan (Shelf Life) Pundang Seluang (*Rasbora* sp) yang Dikemas Menggunakan Kemasan Vakum dan Tanpa Vakum. *Jurnal Saintek Perikanan*, 9(2), 53-62.
- Haryati, Estiasih, T., Heppy, F., & Ahmadi, K. (2015). Pendugaan Umur Simpan Menggunakan Metode Accelerated Shelf-Life Testing (ASLT) dengan Pendekatan Arrhenius pada Produk Tape Ketan Hitam Khas Mojokerto Hasil Sterilisasi. *Jurnal Pangan dan Agroindustri*, 3(1), 156-165.
- Herawati, H. (2008). Penentuan Umur Simpan Pada Produk Pangan. *Jurnal Litbang Pertanian*, 27(4), 124-130.
- Hitijahubessy, M. S., Mailoa, M., & Moniharapon, E. (2021). Karakteristik Kimia dan Organoleptik Selai Oles Kenari (*Canarium indicum* L.) Dengan Penambahan Susu Full Cream. *MAKILA: Jurnal Penelitian Kehutanan*, 15(2), 130-140. Retrieved from <http://doi.org/10.30598/makila.v15i2.4575>
- Hofman, D. L., Buul, V. J., & Brouns, F. J. (2015). Nutrition, Health, and Regulatory Aspects of Digestible Maltodextrins. *Critical Reviews in Food Science and Nutrition*, 56(12). doi:<https://doi.org/10.1080/2F10408398.2014.940415>
- Huda, L. F., Rahayu, E. S., & Farianti, T. (2021). *PENENTUAN UMUR SIMPAN DAN ANALISIS CEMARAN MIKROBIOLOGIS PADA SNACK BAR DISUBSTITUSI ISOMALT BERSALUT COKELAT PROBIOTIK Lactobacillus plantarum Dad-13*. ETD Repository UGM.
- Imanningsih, N. (2013). Pengaruh Suhu Ruang Penyimpanan Terhadap Kualitas Susu Bubuk. *Agrointek: Jurnal Teknologi Industri Pertanian*, 7(1). doi:<https://doi.org/10.21107/agrointek.v7i1.2043>
- Iwamoto, H., Matsubara, T., Okamoto, T., Matsumo, T., Yoshikawa, M., & Takeda, Y. (2019). Ingestion of Casein Hydrolysate Induces Oral Tolerance and Suppresses Subsequent Epicutaneous Sensitization and Development of Anaphylaxis Reaction to Casein in Mice. *International Arch Allergy Immunol*, 179(3), 221-230. doi:<https://doi.org/10.1159/000497410>
- Jannah, S. R., Rahayu, E. S., Yanti, R., Suroto, D. A., & Wikandari, R. (2022). Study of Viability, Storage Stability, and Shelf Life of Probiotic Instant Coffee *Lactiplantibacillus plantarum* Subsp. *plantarum* Dad-13 in Vacuum and Nonvacuum Packaging at Different Storage Temperatures.

International Journal of Food Science.

doi:<https://doi.org/10.1155%2F2022%2F1663772>

- Jarén, C., López, A., & Arazuri, S. (2016). Chapter 19 - Advanced Analytical Techniques for Quality Evaluation of Potato and Its Products. In *Advances in Potato Chemistry and Technology (Second Edition)* (pp. 563-602). Academic Press. doi:<https://doi.org/10.1016/B978-0-12-800002-1.00019-4>
- Kamil, R. Z., Fadhila, F. H., Rachmasari, A. D., Murdiati, A., Juffrie, M., & Rahayu, E. S. (2021). Development of probiotic gummy candy using the indigenous *Lactobacillus plantarum* Dad-13 strain; evaluation of its gastrointestinal resistance and shelf life prediction. *Food Research*, 5(5), 265-273. doi:[https://doi.org/10.26656/fr.2017.5\(5\).731](https://doi.org/10.26656/fr.2017.5(5).731)
- Kamilia, Ridawati, & Fadiati, A. (2022). Pengaruh Penggunaan Campuran Pati Ubi Jalar Putih, Tepung Mocaf, dan Tepung Kacang Hijau Terhadap Kualitas Sereal Flakes. *Jurnal Syntax Admiration*, 3(9), 1161-1174. doi:<https://doi.org/10.46799/jsa.v3i9.480>
- Kerry, R. G., Patra, J. K., Gouda, S., Park, Y., Shin, H.-S., & Das, G. (2018). Benefaction of probiotics for human health: A review. *Journal of Food and Drug Analysis*, 26(3), 927-939. doi:<https://doi.org/10.1016/j.jfda.2018.01.002>
- Kusnandar, F., & Budijanto, S. S. (2020). Karakteristik Fungsional, Fisik dan Sensori Sereal Sarapan Jagung yang Disubstitusi Bekatul Fermentasi. *Jurnal Aplikasi Teknologi Pangan*, 9(3), 108-117. doi:<https://doi.org/10.17728/jatp.7517>
- Ladamay, N. A., & Yuwono, S. S. (2014). Pemanfaatan Bahan Lokal dalam Pembuatan Foodbars (Kajian Rasio Tapioka: Tepung Kacang Hijau dan Proporsi CMC). *Jurnal Pangan dan Agroindustri*, 2(1), 67-78.
- Lahtinen, S. J. (2012). Probiotic viability – does it matter? *Microbial Ecology in Health and Disease*, 23. doi:<https://doi.org/10.3402%2Fmehd.v23i0.18567>
- Lalujan, L. E., Djarkasi, G. S., Tuju, T. J., Rawung, D., & Sumual, M. F. (2017). Komposisi Kimia dan Gizi Jagung Lokal Varietas Manado Kuning Sebagai Bahan Pangan Pengganti Beras. *Jurnal Teknologi Pertanian*, 8(1), 47-54.
- Lee, J.-H., Kawamura, S., & Koseki, S. (2018). Quantitative Evaluation of Changes in Color during Maillard Reaction for Development of Novel Time-Temperature Integrators/Indicators. *Food Science and Technology Research*, 24(2), 283-287. doi:<https://doi.org/10.3136/fstr.24.283>
- Li, A., Zheng, j., Han, X., Jiang, Z., Yang, B., Yang, S., . . . Sun, M. (2023). Health implication of lactose intolerance and updates on its dietary management.

International Dairy Journal, 140.

doi:<https://doi.org/10.1016/j.idairyj.2023.105608>

Mahabadi, N., Bhusal, A., & Banks, S. W. (2023). *Riboflavin Deficiency*. Treasure Island (FL): StatPearls Publishing. Retrieved from <https://pubmed.ncbi.nlm.nih.gov/29262062/>

Mahendra, D. (2021). *Karakterisasi Fisik, Kimia, dan Sensoris Snack Bar Bersalut Cokelat Probiotik Lactobacillus plantarum Dad-13 "Probiobites" dengan Variasi Penambahan Isomalt*. ETD UGM.

Maia, M. S., Domingos, M. M., & José, J. F. (2023). Viability of Probiotic Microorganisms and the Effect of Their Addition to Fruit and Vegetable Juices. *microorganisms*, 11(5), 1-34.
doi:<https://doi.org/10.3390/microorganisms11051335>

Malik, T. F., & Panuganti, K. K. (2023). *Lactose Intolerance*. StatPearls Publishing.

Maris, I., & Radiansyah, M. R. (2021). Kajian Pemanfaatan Susu Nabati Sebagai Pengganti Susu Hewani. *Food Scientia*, 1(2), 103-116.
doi:10.33830/fsj.v1i2.2064.2021

Martins, E., Cnossen, D., Silva, C., Cezarino, J., Nero, L., Perrone, I., & Carvalho, A. (2019). Determination of ideal water activity and powder temperature after spray drying to reduce Lactococcus lactis cell viability loss. *Journal of Dairy Science*, 102(7), 6013-6022. doi:<https://doi.org/10.3168/jds.2019-16297>

Masyitah, N., Sumiwi, S. A., & Wilar, G. (2018). Khasiat Kacang Kenari (Canarium Indicum L.) Terhadap Berbagai Macam Penyakit. *Farmaka*, 16(3), 10-15. doi:<https://doi.org/10.24198/jf.v16i3.18763>

Medeiros, A. C., Thomazini, M., Urbano, A., Correia, R. T., & Favaro-Trindade, C. S. (2014). Structural characterisation and cell viability of a spray dried probiotic yoghurt produced with goats' milk and Bifidobacterium animalis subsp. lactis (BI-07). *International Dairy Journal*, 39(1), 71-77.
doi:<https://doi.org/10.1016/j.idairyj.2014.05.008>

Milovanovic, B., Djekic, I., Miocinovic, J., Djordjevic, V., Lorenzo, J. M., Barba, F. J., . . . Tomasevic, I. (2020). What Is the Color of Milk and Dairy Products and How Is It Measured? *Foods*, 9(11).
doi:<https://doi.org/10.3390/foods9111629>

Mulyanita, Rafiony, A., Trihardiani, I., Ginting, M., & Agustanty, S. F. (2023). Karakteristik Fisikokimia dan Organoleptik Formulasi Flakes Tepung Umbi Kribang, Kacang Hijau, dan Kulit Pisang. *Pontianak Nutrition Journal*, 6(2), 2622-1691.

- Muniz, V. R., Ribeiro, I. S., Beckmam, K. R., & Godoy, R. C. (2023). The impact of color on food choice. *Brazilian Journal of Food Technology*, 26.
doi:<https://doi.org/10.1590/1981-6723.08822>
- Nairfana, I., & Rizaldi, L. H. (2022). Sifat Fisikokimia Tepung Pisang Kepok (*Musa paradisiaca* L.) yang Ditanam di Lokasi Berbeda di Kabupaten Sumbawa. *Pro Food (Jurnal Ilmu dan Teknologi Pangan)*, 8(1).
doi:<https://doi.org/10.29303/profood.v8i1.233>
- Nascimento, L. G., Odelli, D., Carvalho, A. F., Martins, E., Delaplace, G., Júnior, P. P., . . . Casanova, F. (2023). Review Combination of Milk and Plant Proteins to Develop Novel Food Systems: What Are the Limits? *Foods*, 12.
doi:<https://doi.org/10.3390/foods12122385>
- Naufalin, R., Wati, E. K., Haryanto, T. A., Riyanto, A., & Putri, C. A. (2022). Study of Physicochemical and Sensory Properties of Cereal Drink for Pregnant Women Based on Protani Rice Flour. *PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON SUSTAINABLE AGRICULTURE FOR RURAL DEVELOPMENT (ICSARD 2022)*.
doi:https://doi.org/10.2991/978-94-6463-128-9_31
- Nawari. (2010). *Analisis Regresi dengan MS Excel 2007 dan SPSS 17*. Jakarta: PT Elex Media Komputindo.
- Ni'mah, Y. L., Suprpto, Ilmi, M. M., Agustin, N. I., & Ameswari, V. D. (2017). Determination of Shelf Life with Accelerated Shelf Life Testing (ASLT) in Beverage Seaweed. *The 3rd International Seminar on Science and Technology*, 156-160.
- Ningsih, S., Antuli, Z., & Une, S. (2019). Sifat Sensori dan Kimia Kue Kolombengi dengan Substitusi Tepung Beras Merah sebagai Upaya Diversifikasi Olahan Makanan Tradisional. *Jambura Journal of Food Technology*, 1(1).
- Ningtyas, D. W., Bhandari, B., Bansal, N., & Prakash, S. (2019). The viability of probiotic *Lactobacillus rhamnosus* (non-encapsulated and encapsulated) in functional reduced-fat cream cheese and its textural properties during storage. *Food Control*, 100, 8-16.
doi:<https://doi.org/10.1016/j.foodcont.2018.12.048>
- Novidahlia, N., Kusumaningrum, I., & Pamela, A. I. (2020). Karakteristik Fisikokimia dan Sensori Minuman Sereal Instan dari Sorgum (*Sorgum Bicolor*) dan Tepung Tempe. *Jurnal Agroindustri Halal*, 6(2), 181-188.
- O'Brien, N. M., & O'Connor, T. P. (2022). Lipid Oxidation. In *Encyclopedia of Dairy Science* (pp. 821-826).
- Osthoff, G., Hugo, A., Wyk, P. W., & Wit, M. d. (2010). Characterization of a Spray-Dried Soymilk Powder and Changes Observed During Storage.

International Food Science and Technology, 16(2).

doi:<http://dx.doi.org/10.1177/1082013209353236>

- Palijma, S., Breemer, R., & Topurmera, M. (2020). Karakteristik Kimia dan Fisik Bubur Instan Berbahan Dasar Tepung Jagung Pulut dan Tepung Kacang Merah. *Agritekno*, 19(1), 20-27. doi:10.30598/jagritekno.2020.9.1.20
- Pangastuti, H. A., Affandi, D. R., & Ishartani, D. (2013). KARAKTERISASI SIFAT FISIK DAN KIMIA TEPUNG KACANG MERAH (*Phaseolus vulgaris* L.) DENGAN BEBERAPA PERLAKUAN PENDAHULUAN. *Jurnal Teknologi Pangan*, 2(1), 20-29.
- Permana, R. A., & Putri, W. D. (2015). Pengaruh Proporsi Jagung dan Kacang Merah Serta Substitusi Bekatul Terhadap Karakteristik Fisik Kimia Flakes. *Jurnal Pangan dan Agroindustri*, 3(2), 734-742.
- Phillips, A. J. (2019). 9-Rigid Gas Permeable Corneal and Corneoscleral Lens Fitting. In *Contact Lenses (Sixth Edition)* (pp. 175-206). Elsevier. doi:<https://doi.org/10.1016/B978-0-7020-7168-3.00009-X>
- Picauly, P., & Telepta, G. (2015). Karakteristik Fisik Bubur Instan Tersubstitusi Tepung Pisang Tongka Langit. *Agritekno*, 4(2).
- Popovici, C., Bearie, A., & Tatarov, P. (2017). Biochemical aspects of walnut dairy free milk. *Proceedings Of University Of Ruse*, 56, pp. 28-33.
- Pratiwi, I. Y., & Krisbianto, O. (2019). Kandungan Gizi, Beta Karoten; dan Antioksidan pada Tepung Pisang Tongka Langit (*Musa troglodytarum* L.). *Agritech*, 39(1), 48-53.
- Pugliese, A., Cabassi, G., Chiavaro, E., Paciulli, M., Carini, E., & Mucchetti, G. (2017). Physical characterization of whole and skim dried milk powders. *Journal of Food Science and Technology*, 54(11), 3433-3442. doi:<https://doi.org/10.1007%2Fs13197-017-2795-1>
- Putri, R. D., Yuniastri, R., Helilusiatiningsih, N., Patimah, Destryana, R. A., Ismawati, . . . Sari, D. K. (2023). *Pengawasan Mutu Pangan*. Padang, Sumatera Barat: PT Global Eksekutif Teknologi.
- Rahayu, E. S., & Utami, T. (2019). *Probiotik dan Gut Microbiota, Manfaatnya pada Kesehatan*. PT Kanisius .
- Rahayu, E. S., Yogeswara, A., Mariyatun, Windiarti, L., Utami, T., & Watanabe, K. (2016). Molecular characteristics of indigenous probiotic strains from Indonesia. *International Journal of Probiotics and Prebiotics*, 11(2), 109-116.

- Rahayu, W. P., Nababan, H., Budijanto, S., & Syah, D. (2003). *Pengemasan, Penyimpanan; dan Pelabelan*. Jakarta: Badan Pengawas Obat dan Makanan.
- Rani, R. M., Ekawati, I. G., & Wiadnyani, A. A. (2021). Pengaruh Perbandingan Tepung Ubi Jalar Ungu dan Tepung Kedelai Terhadap Karakteristik Flakes Sebagai Pangan Fungsional. *Jurnal Ilmu dan Teknologi Pangan*, 10(2), 268-280.
- Ratna, D. K., Evita, M. M., Rahayu, E. S., Cayanto, M. N., Wikandari, R., & Utami, T. (2021). Indigenous Lactic Acid Bacteria From Halloumi Cheese as a Probiotics Candidate of Indonesian Origin. *International Journal of Probiotics and Prebiotics*, 16, 39-44. doi:<https://doi.org/10.37290/ijpp2641-7197.16:39-44>
- Richana, N., Ratnaningsih, Arif, A., & Hayuningtyas, M. (2011). Characterization of varieties with low glycemic index to support food security. *Proceeding International Maize Conference in Frankfurt*.
- Rohmah, M. (2016). KAJIAN KANDUNGAN PATI, AMILOSA DAN AMILOPEKTIN TEPUNG DAN PATI PADA BEBERAPA KULTIVAR PISANG (*Musa spp*). *PROSIDING SEMINAR NASIONAL KIMIA*.
- Rosentrater, K. A., & Evers, A. D. (2018). Chapter 7 - Flour treatments, applications, quality, storage and transport. In *Kent's Technology of Cereals (Fifth Edition)* (pp. 515-564). Woodhead Publishing. doi:<https://doi.org/10.1016/B978-0-08-100529-3.00007-4>
- Royani, H. D. (2020). *Pengaruh Suhu Udara Masuk Pengering Semprot dan Konsentrasi Maltodekstrin Terhadap Karakteristik Fisik dan Kimiawi Bubuk Whey Tahu Koro Pedang Putih (Canavalia ensiformis L.)*. Universitas Gadjah Mada, Teknologi Pangan dan Hasil Pertanian Fakultas Teknologi Pertanian. ETD UGM: Theses and Dissertations Repository.
- Rukua, D. W., Picauly, P., & Mailoa, M. (2022). Formulasi Kenari untuk Pembuatan Crackers Pisang Tongka langit. *AGRITEKNO: Jurnal Teknologi Pertanian*, 11(1), 41-47. Retrieved from <http://ojs3.unpatti.ac.id/index.php/agritekno>
- Rustanti, N., Murdiati, A., Juffrie, M., & Rahayu, E. S. (2022). Effect of Probiotic *Lactobacillus plantarum* Dad-13 on Metabolic Profiles and Gut Microbiota in Type 2 Diabetic Women: A Randomized Double-Blind Controlled Trial. *Microorganism*, 10(9), 1806. doi:<https://doi.org/10.3390/microorganisms10091806>

- Ryabova, A. E., Semipyatny, V. K., & Galstyan, A. G. (2023). Effects of Storage Conditions on Milk Powder Properties. *Journal of Dairy Science*, 106(10), 6741-6758. doi:<https://doi.org/10.3168/jds.2022-23094>
- Sandulachi, E. (2012). Water Activity Concept and Its Role in Food Preservation. *Rehabilitation Medicine*, 40-48. Retrieved from <https://www.researchgate.net/publication/310605656>
- Schuck, P. (2011). Dehydrated Dairy Products, Milk Powder: Physical and Functional Properties of Milk Powders. In *Encyclopedia of Dairy Sciences (Second Edition)* (pp. 117-124). Academic Press. doi:<https://doi.org/10.1016/B978-0-12-374407-4.00122-9>
- Şen, S. M., & Karadeniz, T. (2020). The Nutritional Value of Walnut. *Journal of Hygienic Engineering and Design*, 68-71.
- Sentana, A., Trisnawati, C. Y., & Jati, I. R. (2017). Identifikasi Sifat Fisikokimia dan Organoleptik Susu Nabati yang Diformulasikan dengan Linear Programming. *Jurnal Teknologi Pangan dan Gizi*, 16(2), 47-51.
- Setiarto, R. H., Widhyastuti, N., Saskiawan, I., & Safitri, R. M. (2017). Pengaruh Variasi Konsentrasi Inulin pada Proses Fermentasi oleh *Lactobacillus acidophilus*, *Lactobacillus bulgaricus* DAN *Streptococcus thermophilus*. *Biopropal Industri*, 8(1), 1-17.
- Shaw, A. J. (1994). Defining Cell Viability and Cytotoxicity. *Sage Journal*, 22(2), 124-126. doi:<https://doi.org/10.1177/026119299402200206>
- Singh, P., & Krishnaswamy, K. (2023). The Influence of Flavoring Components on The Physicochemical Properties of Spray-dried High Oleic (HO) and Tofu Line (TL) Soymilk Powder. *Frontiers in Food Science and Technology*. doi:<https://doi.org/10.3389/frfst.2023.1070453>
- Siregar, M. S., & Ardilla, D. (2024). *Biokimia Pangan*. Medan: UMSU PRESS.
- Štencl, J. (1999). WATER ACTIVITY OF SKIMMED MILK POWDER IN THE TEMPERATURE RANGE OF 20 – 45 °C. *ACTA VET. BRNO*, 209-215.
- Suarni, Firmansyah, I. U., & Aqil, M. (2013). Keragaman Mutu Pati Beberapa Varietas Jagung. *Penelitian Pertanian Tanaman Pangan*, 32(1), 50-56.
- Sunaryanto, R., Martius, E., & Marwoto, B. (2014). Uji Kemampuan *Lactobacillus casei* Sebagai Agensia Probiotik. *Jurnal Bioteknologi dan Biosains Indonesia*, 1(1), 9-14. Retrieved from <http://ejurnal.bppt.go.id/index.php/JBBI>
- Supplee, G. C., & Bellis, B. (1925). The Solubility of Milk Powder as Affected by Moisture Content. *Journal of Dairy Science*, 8(1). doi:[https://doi.org/10.3168/jds.S0022-0302\(25\)93937-9](https://doi.org/10.3168/jds.S0022-0302(25)93937-9)

- Surani, & Yasin. (2015). Jagung Sebagai Sumber Pangan Fungsional. *Iptek Tanaman Pangan*, 6(1), 41-56.
- Susanti, I., Lubis, E. H., & Meilidayani, S. (2017). Flakes Sarapan Pagi Berbasis Mocaf dan Tepung Jagung. *Jurnal of Agro-based Industry*, 34(1), 44-52.
- Syafiq, S. A., Triwitono, P., & Yanti, R. (2022). *PENDUGAAN UMUR SIMPAN GRANOLA BAR COKELAT PROBIOTIK Lactobacillus plantarum Dad-13 DENGAN METODE ACCELERATED SHELF LIFE TEST*. ETD Repository UGM.
- Talwalkar, A., & Kailasapathy, K. (2004). The role of oxygen in the viability of probiotic bacteria with reference to *L. acidophilus* and *Bifidobacterium* spp. *Current Issues Intest Microbiol.*, 5(1), 1-8.
- Tamsma, A., & Kontson, A. (1974). Preparation of a Foam Spray Dried Whole Milk Type Product with Good Sinkability, Dispersibility, and Solubility. *Journal of Dairy Science*, 57(10), 1149-1151.
- Tapsell, L. C., Gillen, L. J., Patch, C. S., Batterham, M., Owen, A., Baré, M., & Kennedy, M. (2004). Including walnuts in a low-fat/modified-fat diet improves HDL cholesterol-to-total cholesterol ratios in patients with type 2 diabetes. *Diabetes Care*, 27(12), 2777-83.
doi:<https://doi.org/10.2337/diacare.27.12.2777>
- Terpou, A., Papadaki, A., Lappa, I. K., Kachrimanidou, V., Bosnea, L. A., & Kopsahelis, N. (2019). Probiotics in Food Systems: Significance and Emerging Strategies Towards Improved Viability and Delivery of Enhanced Beneficial Value. *Nutrients*, 11(7), 1591.
doi:<https://doi.org/10.3390/n11071591>
- Tiffany, M. H., Samang, A. M., & Islamiyah, S. A. (2023). Potensi Polisakarida (Selulosa, Lignin, Pektin) Sebagai Bahan Baku Alternatif Bio-Based Surfaktan Polimerik. *Jurnal Informasi, Sains, dan Teknologi*, 6(1).
- Trisnawita, Y., Silalahi, J., & Sinaga, S. M. (2018). The Effect of Storage Condition on Viability of Lactic Acid Bacteria in Probiotic Product. *Asian Journal of Pharmaceutical and Clinical Research*, 11(1).
- Utami, F. (2013). *Pengaruh Suhu Terhadap Daya Tahan Hidup Bakteri pada Sediaan Probiotik*. Jakarta: Fakultas Kedokteran dan Ilmu Kesehatan UIN Syarif Hidayatullah.
- Vesterlund, S., Salminen, K., & Salminen, S. (2012). Water activity in dry foods containing live probiotic bacteria should be carefully considered: a case study with *Lactobacillus rhamnosus* GG in flaxseed. *International Journal of Food Microbiology*, 157, 319-321.
doi:<https://doi.org/10.1016/j.ijfoodmicro.2012.05.016>

- Vinderola, G., Binetti, A., Burns, P., & Reinheimer, J. (2011). Cell Viability and Functionality of Probiotic Bacteria in Dairy Product. *Frontiers in Microbiology*, 2. doi:<https://doi.org/10.3389/fmicb.2011.00070>
- Wang, Y., Wu, J., Lv, M., Shao, Z., Hungwe, M., Wang, J., . . . Geng, W. (2021). Metabolism Characteristics of Lactic Acid Bacteria and the Expanding Applications in Food Industry. *Frontiers in Bioengineering and Biotechnology*, 9. doi:<https://doi.org/10.3389/fbioe.2021.612285>
- Wei, X., Lau, S. K., Chaves, B. D., Danao, M.-G. C., Agarwal, S., & Subbiah, J. (2020). Effect of water activity on the thermal inactivation kinetics of Salmonella in milk powders. *Journal Dairy Science*, 103(8), 6904-6917. doi:<https://doi.org/10.3168/jds.2020-18298>
- Wibowo, O. H., Lestarringsih, T., & Hadipramono, J. A. (2022). Sereal Bekatul: Alternatif Pemanfaatan Hasil Samping Padi. *The Sages Journal (Culinary Science and Business)*, 1(1), 1-5.
- Widodo, Rachmawati, A. V., Chulaila, R., & Budisatria, I. G. (2012). Produk dan Evaluasi Kualitas Susu Bubuk Asal Kambing Peranakan Ettawa (PE). *Jurnal Teknologi dan Industri Pangan*, 23(2), 132-139.
- Williams, P. G. (2014). The Benefits of Breakfast Cereal Consumption: A Systematic Review of the Evidence Base. *American Society for Nutrition*, 636S-673S.
- Yuwono, S., & Susanto, T. (1998). *Penujian Fisik Pangan Jurusan Teknologi Hasil Pertanian Fakultas Teknologi Pertanian*. Malang: Universtias Brawijaya.
- Zhao, Y., He, W., Zhao, S., Jiao, T., Hu, H., Li, J., . . . Zang, J. (2023). Advanced Insights into Walnut Protein: Structure, Physiochemical Properties and Applications. *Foods*, 12. doi:<https://doi.org/10.3390/foods12193603>