

DAFTAR PUSTAKA

- Aisyah, Sulandari, L., Astuti, N., & Romadhoni, I. F. (2023). Kualitas Organoleptik Nasi Instan Berbumbu dengan Penambahan Puree Buah Naga Merah (*Hylocereus polyrhizus*). *Journal of Creative Student Research*, 1(4), 122–142.
- Artikel, I. (2019). Modifikasi Pati Secara Asetilasi dan Apliedasinya Pada Pembentukan Film. *Nurhayati 1* 1*. 6(2).
- Barozzi, L., Plazzotta, S., Nucci, A., & Manzocco, L. (2025). Current Research in Food Science Elucidating the role of compositional and processing variables in tailoring the technological functionalities of plant protein ingredients. *Current Research in Food Science*, 10(January), 100971. <https://doi.org/10.1016/j.crfs.2025.100971>
- Fauzi, M., & Sholeha, I. M. (2023). *Karakteristik Fisik dan Fungsional Tepung Labu Kuning LA3 Desa Tegalrejo , Kecamatan Tegalsari , Kabupaten Banyuwangi Physical and Functional Properties of LA3 Pumpkin Flour From Tegalrejo , Tegalsari , Banyuwangi Regency*. 12(2), 106–114. <https://doi.org/10.30598/jagritekno.2023.12.2.106>
- Faozi, I., Karseno, & Handayani, I. (2023). Kombinasi fermentasi bakteri asam laktat dan pemanasan bertekanan-pendinginan dalam pembentukan pati resisten tepung talas beneng (*Xanthosoma undipes* K. Koch). *Jurnal Ilmu Pertanian Indonesia (JIPI)*, 28(2), 255–264. <https://doi.org/10.18343/jipi.28.2.255>
- Fitriani, S., Riftyan, E., Saputra, E., & Rohmah, M. C. (2023). *Karakteristik dan Profil Pasta Pati Sagu Modifikasi Prigelatinisasi pada Suhu yang Berbeda Characteristics and Pasting Profile of Modified Pregelatinization Sago Starch at Different Temperature*. 16(2), 104–115.
- Grofer, Y., & Negi, P. S. (2023). Recent Development in Freezing of Fruits and Vegetables: Striving For Controlled Ice Nucleation and Crystallization With Enhanced Freezing rates. *Journal of Food Science*, 88(12), 4799-4826.
- Haryanti, P., Setyawati, R., & Wicaksono, R. (2014). Pengaruh Suhu dan Lama

- Pemanasan Suspensi Pati Serta *Effect of Temperature and Time of Heating of Starch and Butanol Concentration on the Physicochemical*. 34(3).
- Haryono, T. R., Wulandari, N., & Khoiriyah, L. (2023). Karakterisasi pati termodifikasi dengan metode HMT (*Heat Moisture Treatment*). *Jurnal Riset Farmasi*, 3(2), 85–95.
<https://journals.unisba.ac.id/index.php/JRF/article/view/3164>
- Hustiany, R., Purba, F., Nuradina, F., & Turana, S. (2023). Pengaruh lama dan suhu pemanasan serta pengecilan ukuran terhadap mutu puree pisang talas (*Musa paradisiacal var sapientum L.*). *Agrointek : Jurnal Teknologi Industri Pertanian*, 17(4), 884–895. <https://doi.org/10.21107/agrointek.v17i4.17512>
- Jiang, H., Zhang, N., Xie, L., Li, G., Chen, L., & Liao, Z. (2025). A Comprehensive Review of the Rehydration of Instant Powders: Mechanisms, Influencing Factors, and Improvement Strategies. *Foods*, 14(16), 1–23.
<https://doi.org/10.3390/foods14162883>
- Kusnandar, F., Mutmainah, M., & Muhandri, T. (2020). Optimasi Proses Pembuatan Sohun Dari Pati Ubi Banggai (*Dioscorea alata*) *Optimization of Starch Noodle Processing from Banggai Yam (Dioscorea alata) Starches*. 8(3), 163–174.
- Lebaka, V. R., Wee, Y. J., Ye, W., & Korivi, M. (2021). Nutritional composition and bioactive compounds in three different parts of mango fruit. *International Journal of Environmental Research and Public Health*, 18(2), 1–20.
<https://doi.org/10.3390/ijerph18020741>
- Manan, D. M. A., Mahmud, M. N., & Huda, N. (2020). *Differentiation of ripe and unripe fruit flour using mineral composition data — Statistical assessment*. 30.
<https://doi.org/10.1016/j.dib.2020.105414>
- Nasution, F. A. (2022). Karakteristik Bubur Instan Berbasis Jagung Manis dan Pepaya. *Jurnal Teknologi Pangan Dan Hasil Pertanian*, 17(2), 1–9.
<https://doi.org/10.26623/jtphp.v17i2.4684>
- Nowak, D., & Jakubczyk, E. (2020). The freeze-drying of foods—the characteristic of the process course and the effect of its parameters on the physical properties of

- food materials. *Foods*, 9(10). <https://doi.org/10.3390/foods9101488>
- Ola, E., & Seo, H. (2026). *Evaluating the Color of Chocolate Chip Cookies : Comparative Performance of Instrumental Colorimetry , Digital Image Analysis , and Computer Vision Relative to Human Perception*. <https://doi.org/10.1111/1750-3841.71133>
- Palijama, S., Breemer, R., & Topurmera, M. (2020). Karakteristik Kimia dan Fisik Bubur Instan Berbahan Dasar Tepung Jagung Pulut dan Tepung Kacang Merah. *AGRITEKNO: Jurnal Teknologi Pertanian*, 9(1), 20–27. <https://doi.org/10.30598/jagritekno.2020.9.1.20>
- Pengajar, S., Teknologi, D., & Pangan, I. (2017). *Kajian Sifat Fisikokimia Tepung Jagung Prigelatinisasi Serta Aplikasinya Pada Pembuatan Bubur Instan Physicochemical Properties of Pregelatinized Corn Flour and Its Application on Instant Porridge Production. 1*. <https://doi.org/10.24198/jp2.2016.vol1.1.03>
- Ramdayani, H., & Sofia Murtini, E. (2022). Pengaruh Suhu Dan Lama Pembekuan Terhadap Kualitas Nasi Sorgum Instan. *Jurnal Teknologi Pertanian*, 23(1), 61–72. <https://doi.org/10.21776/ub.jtp.2022.023.01.6>
- Raudhatul Hanifa, & Rahadian Zainul. (2025). Analisis Kadar Sukrosa dan Gula Pereduksi pada Madu Trigona (Stingless Bee Honey) Menggunakan Metode Luff Schoorl. *Jurnal Pendidikan Kimia, Fisika Dan Biologi*, 1(6), 20–33. <https://doi.org/10.61132/jupenkifb.v1i6.705>
- Royanti, D., & Sulistyowati, L. (2018). Analisis Keuntungan dan Nilai Tambah Agroindustri Pureemangga di CV PROMINDO UTAMA Kabupaten Cirebon, Jawa Barat. *Jurnal Ilmiah Mahasiswa AGROINFO GALUH*, 4(3), 815.
- Salsabila, K., Ansori, M., & D.O (2019). Eksperimen Pembuatan Cupcake Free Gluten Berbahan dasar Tepung Biji Kluwih dengan Campuran tepung Beras. *Teknobuga*, 7(1), 31-38.
- Sasmitaloka, K. S., Banurea, I. R., & Widowati, S. (2019). Kajian Produksi Nasi Kuning Instan dan Karakteristiknya Study of Instant Yellow Rice and Characteristics Kirana S. Sasmitaloka. *Agroindustri Halal*, 5(2), 188–195.

<https://ojs.unida.ac.id/>

- Sasmitaloka, K. S., Widowati, S., & Sukasih, E. (2020). Characterization of Physicochemical, sensory, and fungtional Properties of instant rice from low amylose rice. *Jurnal Penelitian Pascapanen Pertanian*, 17(1), 1–14.
- Shahira, S. F., Subagio, A., & Diniyah, N. (2023). *Pengaruh Suhu Pemanasan dan Konsentrasi terhadap Karakteristik Kimia dan Fungsional pada Modifikasi Pregelatinisasi MOCAF* *Effect of Heating Temperature and Concentration on Chemical and Functional Characteristics of Modification of MOCAF Pregelatinization*. 11(2), 207–219.
- Simkova, K., Grohar, M. C., Pelacci, M., Veberic, R., & Jakopic, J. (2024). The Effect of Freezing, Frozen Storage and Thawing on the Strawberry Fruit Composition. *International Journal of Fruit Science*, 24(1), 186–199. <https://doi.org/10.1080/15538362.2024.2355920>
- Slamet, A., & Purwaningsih, H. (2025). *Karakterisasi Fisikokimia dan Sensorik Bubur Instan Berbasis Sagu , Labu Kuning , dan Tepung Kedelai pada Berbagai Suhu Pengeringan [Physicochemical and Sensory Characterization of Instant Porridge Based on Sago , Pumpkin , and Soybean Flour at Various D*. 5(2), 195–206.
- Syahbanu, F., Napitupulu, F. I., Septiana, S., & Aliyah, N. F. (2023). Struktur pati beras (*Oryza sativa* L.) dan mekanisme perubahannya pada fenomena gelatinisasi dan retrogradasi. *Agrointek: Jurnal Teknologi Industri Pertanian*, 17(4), 755–767. <https://doi.org/10.21107/agrointek.v17i4.15315>
- Syamsir, E., Hunaefi, D., & Budijanto, S. (2016). *Teknik Gelatinisasi Tepung Beras untuk Menurunkan Penyerapan Minyak Selama Penggorengan Minyak Terendam* *Gelatinization Technique of Rice Flour to Reduce Oil Uptake during Deep Fat Frying*. 36(4).
- Ulyarti, Sitomorang J., Mursyid, Nazarudin. (2022). Pengaruh Konsentrasi Pati dan Jenis Pelarut Pada Modifikasi Pati Uwi Putih Menggunakan Metode presipitasi Terhadap Sifat Fisik Pati. *Jurnal Teknologi Pertanian Andalas*. 26(1).

- Wahyuni, S., Khaeruni, A., & Afni, N. (2024). Karakteristik Organoleptik dan Fisikokimia Cake Berbasis Tepung Beras Hitam Kultivar Wakombe Termodifikasi. *Jurnal Sains dan Teknologi Pangan*, 9(1), 7068-7081.
- Wang, D., Xiao, H., Lyu, X., Chen, H., & Wei, F. (2023). Lipid oxidation in food science and nutritional health : A comprehensive review. *Oil Crop Science*, 8(1), 35–44. <https://doi.org/10.1016/j.ocsci.2023.02.002>
- Yudiastuti, S. O. N., Budiati, T., Wibisono, Y., Ardhiarisca, O., Kusumasari, F. C., Handayani, W., & Hariyanti, Y. I. D. K. (2024). Optimization of Mango Flour Formulation (*Mangifera indica* L) Arumanis Variety using Response Surface Methodology. *Jurnal Teknik Pertanian Lampung (Journal of Agricultural Engineering)*, 13(4), 1334. <https://doi.org/10.23960/jtep-l.v13i4.1334-1343>
- Zhai, Y., Xing, J., Luo, X., Zhang, H., Yang, K., Shao, X., Chen, K., & Li, Y. (2021). *Effects of Pectin on the Physicochemical Properties and Freeze-Thaw Stability of Waxy Rice Starch*. 1–11.
- Zhang, C., Wu, C., Qian, S., Zhang, Y., Liu, Y., Li, X., Wang, S., & Qian, J. (2025). *Critical Melting – Freezing Pretreatment Enhances Enzymatic Hydrolysis for Porous Starch Preparation : Role of Partial Structural Weakening and Surface Modification*. 1, 1–21.