

DAFTAR PUSTAKA

- Abeyrathne, E., Lee, H.Y., & Ahn, D.U. 2013. Egg white proteins and their potential use in food processing or as nutraceutical and pharmaceutical agents- a review. *Poultry science*, 92 (12), 3292-9 .
- Abidin, A. F., Yuwono, S. S., & Maligan, J. M. 2019. Pengaruh Penambahan Maltodekstrin dan Putih Telur terhadap Karakteristik Serbuk Kaldu Jamur Tiram. *Jurnal Pangan Dan Agroindustri*, 7(4), 53–61.
- Adinurani, P. G., Rahayu, S., Budi, L. S., Pambudi, S., & Soni, P. 2019. Production potential of sweet corn (*Zea mays* Linn. var. *Saccharata* Sturt) “Bonanza” to different planting pattern and phosphorus sources. *IOP Conference Series: Earth and Environmental Science*, 293(1).
- Afifah, N., Indrianti, N., Ratnawati, L., Putri, D. P., Yulianti, L. E., Rahmawati, L., Khudaifanny, D. F. A., Sarifudin, A. 2023. The Effect of Sugar Cane Concentration on Foam-Mat Drying Kinetics and Physicochemical Properties of Dried-Tomato Pasta Sauce. *Emirates Journal of Food and Agriculture*, 35(5):442-451.
- Agustina, N., Thohari, I., & Rosyidi, D. 2013. Evaluasi Sifat Putih Telur Ayam Pasteurisasi ditinjau dari pH, Kadar air, Sifat emulsi dan Daya Kembang Angel Cake. *Jurnal Ilmu Peternakan*, 23(2), 6–13.
- Agustono, B., Ma'ruf, A., Lamid, M., & Purnama, M. T. E. 2017. Identification of Agricultural and Plantation Byproducts as Inconventional Feed Nutrition in Banyuwangi. *Jurnal Medik Veteriner*, 1(1), 12–22.
- Alozie, Y., & Udofia, U. S. 2018. Nutritional and Sensory Properties of Almond (*Prunus amygdalu* Var. *Dulcis*) Seed Milk. *World Journal of Dairy & Food Sciences*, 10(2), 117–121.
- Altalhi, A. S. 2013. Egg White Foam. *Thesis*. Massey University, Auckland, New Zealand.
- Amini, K., Susanto, E., Suharto, S. 2023. Karakteristik Fisikokimia Flavor Bubuk Kepala Udang Vanamei (*Litopenaeus vannamei*) dengan Perbandingan Konsentrasi Maltodekstrin pada Metode Foam Mat Drying. *Jurnal Ilmu dan Teknologi Perikanan*, 5(2).
- Andriani, M., Ananditho, B. K., Nurhartadi, E. 2013. Pengaruh Suhu Pengeringan terhadap Karakteristik Fisik dan Sensoris Tepung Tempe "Bosok". *Jurnal Teknologi Hasil Pertanian*, 1(2) : 95-102.

- Anissa, D. D., & Dewi, R. K. 2021. Peran Protein: ASI dalam Meningkatkan Kecerdasan Anak untuk Menyongsong Generasi Indonesia Emas 2045 dan Relevansi Dengan Al-Qur'an. *Jurnal Tadris IPA Indonesia*, 1(3), 427–435.
- Ansori, F. A. Z., Sarofa, U., & Anggreini, R. A. 2022. Pengaruh Konsentrasi Maltodekstrin dan Putih Telur terhadap Karakteristik Fisikokimia dan Organoleptik Sup Krim Instan Labu Kuning (*Curcubita moschata*). *Jurnal Yudharta*, 13(2), 198–207.
- Anwar Chairil., Irmayanti, Ambartiasari Genta. 2021. Pengaruh Lama Pengeringan terhadap Rendemen, Kadar Air, dan Organoleptik Dendeng Sayat Daging Ayam. *Jurnal Peternakan Sriwijaya*, 10(2), 29-38.
- AOAC. 2005. Official Methods of Analysis of AOAC INTERNATIONAL. In *AOAC International*.
- Arifan, F., Supriyo, E., Broto, W., & Rasyid, Z. W. 2022. Pengenalan dan Pembuatan Susu Jagung Sebagai Salah Satu Jenis Susu Nabati Yang Baik Untuk Memenuhi Kebutuhan Gizi Anak di Desa Sugihmanik. *Jurnal Pengabdian Kepada Masyarakat*, 1(2), 12.
- Atmaka, W., & Amanto, B. S. 2010. Kajian Karakteristik Fisikokimia Tepung Instan Beberapa Varietas Jagung (*Zea mays L.*). *Jurnal Teknologi Hasil Pertanian*, 3(1), 13.
- Aydar, E. F., Tutuncu, S., & Ozcelik, B. 2020. Plant-based milk substitutes: Bioactive compounds, conventional and novel processes, bioavailability studies, and health effects. *Journal of Functional Foods*, 70.
- Ayofemi, S., Adeyeye, O., Ashaolu, T. J., & Babu, A. S. 2022. Food Drying : A Review Food Drying : A Review. *Agricultural Reviews*, July, 1–8.
- Badan Standarisasi Nasional. 2006. SNI 01-2970-2006. Syarat Mutu Susu Serbuk. Badan Standarisasi Nasional : Jakarta.
- Badan Standarisasi Nasional. 1995. SNI 01-3830-1995. Syarat Mutu Susu Kedelai. Badan Standarisasi Nasional : Jakarta.
- Bahramparvar, M., Tehrani, M. M., & Razavi, S. M. A. 2013. Effects of a novel stabilizer blend and presence of κ -carrageenan on some properties of vanilla ice cream during storage. *Food Bioscience*, 3, 10–18.
- Bhardwaj, M., Sharma, P., Verma, A. K., Thakur, C., Saini, R., & Shivani. 2020. Improving the Powder Yield and Foaming Characteristics of Papaya Leaf Juice Treated with CMC (Carboxy-Methyl-Cellulose) and GMS (Glycerol-Mono-Stearate). *International Journal of Current Microbiology and Applied Sciences*, 9(10).

- Chaux-Gutierrez, A.M., Santos, A. B., Restrepo, D.M.G., & Mauro, M. A. 2017. Foam mat drying of mango: Effect of processing parameters on the drying kinetic and product quality. *Drying Technology an International Journal*, 35(5): 631-641.
- Cheng, C., Chen, S., Su, J., Zhu, M., Zhou, M., Chen, T., & Han, Y. 2022. Recent advances in carrageenan-based films for food packaging applications. *Frontiers in Nutrition*, 9(7).
- Codex Alimentarius Committee. 2011. Codex Milk and Milk Products. Codex STAN 206-1999. FAO/WHO Food Standards
- Darniadi, S., Siahaan, S. P. 2020. Aplikasi Foam-mat drying untuk Preservasi Komponen Bioaktif Buah dan Ingredient Pangan Fungsional : Review. *Pasundan Food Technology*, 7(2):87-92.
- Dewi, R., Aminah, S., & Suyanto, A. 2019. Karakteristik Fisik , Kimia dan Mutu Sensori Susu Serbuk Kecambah Kedelai Instan Berdasarkan Variasi Penambahan Maltodekstrin. *Jurnal Pangan Dan Gizi*, 9(1), 1–15.
- Ding, H., Li, B., Boiarkina, I., Wilson, D. I., Yu, W., & Young, B. R. 2020. Effects of Morphology on the Bulk Density of Instant Whole Milk Powder. *Foods*, 9, 1–19.
- Direktorat Gizi Departemen Kesehatan RI. 2004. Daftar Komposisi Bahan Makanan. Jakarta.
- Direktorat Gizi Departemen Kesehatan RI. 2018. Daftar Komposisi Bahan Makanan. Jakarta.
- Donoghue, L. T. O., Haque, K., Kennedy, D., Laf, F. R., Hogan, S. A., Mahony, J. A. O., & Murphy, E. G. 2019. Influence of particle size on the physicochemical properties and stickiness of dairy powders. *International Dairy Journal*, 98, 54–63.
- Ekafitri, R., Surahman, D. D., & Afifah, N. 2016. Pengaruh Penambahan Dekstrin dan Albumen Telur (Putih Telur) terhadap Mutu Tepung Pisang Matang. *Jurnal Litbang Industri*, 6(1), 13.
- Falade, K., Adeyanju, K., and Uzo-peters, P. 2003. Foam-mat drying of cowpea (*Vigna unguiculata*) using glyceryl monostearate and egg albumin as foaming agents. *Food Research Technology*, 217 :486-491.
- Faridah, Anni., & Widjanarko, S, B. 2014. Penambahan Tepung Porang pada Pembuatan Mi dengan Substitusi Tepung Mocaf (Modified cassava flour). *Jurnal Teknologi dan Industri Pangan*, 25 (1): 98-105.
- Fathmawati, D., Abidin, M. R. P., & Roesyadi, A. 2014. Studi Kinetika

- Pembentukan Karaginan dari Rumput Laut. *Jurnal Teknik Pomits*, 3(1), 1–6.
- Failisnur., Firdausni., Silfia. 2015. Pengaruh Proses Pengolahan terhadap Sifat Fisik dan Kimia Bubuk Kedelai. *Jurnal Litbang Industri*, 5(1) : 37-43.
- Guzeler, N. 2021. Utilization and Effects of Carrageenan in Milk and Milk Products. *4th International New York Conference on Evolving Trends in Interdisciplinary Research & Practices*, May.
- Hardy, Z., & Jideani, V. A. 2017. Foam-mat drying technology: A review. *Critical Reviews in Food Science and Nutrition*, 57(12), 2560–2572.
- Haryanto, B. 2016. Pengaruh Konsentrasi Putih Telur terhadap Sifat Fisik, Kadar Antosianin dan Aktivitas Antioksidan Serbuk Instan Ekstrak Kulit Manggis (*Garcinia mangostana* L.) dengan Metode Foam Mat Drying. *Jurnal Kesehatan*, 7(1), 1–8.
- Hasanah, U., Wirman S. P., Retnowaty S. F., Suroso A. 2015. Uji pH, Karakter Fisik dan Organoleptik pada Manisan Buah Mangga Udang. *Jurnal Photon*, 5(2), 119-129.
- Hayati, Rita. 2017. Pengaruh Kadar Air dan Persamaan Model BET untuk Prediksi Masa Simpan Kakao (*Theobroma cacao* L.). *Jurnal Teknologi dan Industri Pertanian Indonesia*, 9(1) : 17-22.
- Hlaváč, P., Božiková, M., Ardonová, V., Petrović, A., & Kotoulek, P. 2018. Influence of the selected factors on the liquid food density. *Journal on Processing and Energy in Agriculture*, 22(2), 53–57.
- Hotchkiss, S., Brooks, M., Campbell, R., Philp, K., & Trius, A. 2019. The Use of Carrageenan in Food. In *Carrageenans* (230–242).
- Huda, S. 2020. Efek Evaporasi dan Suhu Pengeringan Spraydrying terhadap Karakteristik Fisik dan Kimia Whey Serbuk. *Jurnal Teknologi Hasil Pertanian*, XIII(2), 84–93.
- Huppertz, Thom. 2010. Foaming Properties of Milk : A review of the influence of composition and processing. *International Journal of Dairy Technology*, 63(4) : 477-488.
- Ispitasari, R., & Haryanti, H. 2022. Pengaruh Waktu Destilasi terhadap Ketepatan Uji Protein Kasar pada Metode Kjeldahl dalam Bahan Pakan Ternak Berprotein Tinggi. *Indonesian Journal of Laboratory*, 5(1), 38.
- Izadi, Z., Mohebbi, M., Shahidi, F., Varidi, M., & Salahi, M. R. 2020. Cheese Powder Production and Characterization: A Foam-mat Drying Approach. *Food and Bioproducts Processing*, 123, 225-237.

- Jain, P. & Singh, M. 2021. Production and Properties of Spray Dried Carrot Powder. *The Pharma Innovation Journal*, 10(2) : 262-267.
- Jemaa, M. Ben, Gamra, R., Falleh, H., Ksouri, R., & Beji, R. S. 2022. Plant-Based Milk Alternative: Nutritional Profiling, Physical Characterization Sensorial Assessment. *International Journal (Current Perspectives on Medicinal and Aromatic Plants)*, 4(2), 108–120.
- Kaemba Almawaty., Suryanto Edi., & Mamujaja Christine F. 2017. Karakteristik Fisiko-Kimia dan Aktivitas Antioksidan Beras Analog dari Sagu Baruk (*Arenga microcarpha*) dan Ubi Jalar Ungu (*Ipomea batatas L. Poiret*). *Jurnal Ilmu dan Teknologi Pangan*, 5(1), 1-8.
- Kalyankar, S. D., Deshmukh, M. A., Chopde, S. S., Khedkar, C. D., Lule, V. K., & Deosarkar, S. S. 2015. Milk Powder. In *The Encyclopedia of Food and Health* (1st ed., Issue January, pp. 724–728). Elsevier Ltd.
- Karami, A., Rahayuni, T., & Priyono, S. 2018. Pengaruh Formulasi Karagenan dan Pati Sagu terhadap Sifat Fisik, Kimia, dan Organoleptik Es Krim Ubi Jalar Ungu. *Jurnal Teknologi Pangan*, 1(1).
- Karim, A.A., C.C. Wai. 1999. Foam mat drying of starfruit (*Averrhoa carambola* L.) puree. Stability and air drying characteristics. *Food Chemistry*, 64: 337–343.
- Kazerooni, E. G., Sharif, A., Nawaz, H., Rehman, R., & Nisar, S. 2019. Maize (Corn)-A useful source of human nutrition and health : a critical review. *International Journal of Chemical and Biochemical Sciences*, 15, 35–41.
- Kementerian Pertanian Republik Indonesia. 2018. Produksi Jagung Manis di Indonesia tahun 2017-2018. Sensus Pertanian. Jakarta.
- Kinanthi Pangestuti, E., & Darmawan, P. 2021. Analisis Kadar Abu dalam Tepung Terigu dengan Metode Gravimetri. *Jurnal Kimia Dan Rekayasa*, 2(1), 16–21.
- Kristiandi, K., Rozana., Junardi., & Maryam, A. 2021. Analisis Kadar Air, Abu, Serat dan Lemak pada Minuman Sirup Jeruk Siam (*Citrus nobilis* var. *microcarpa*). *Jurnal Keteknik Pertanian Tropis dan Biosistem*, 9(2) : 165-171.
- Kovacs-Nolan, J., Phillips, M., & Mine, Y. 2005. Advances in the Value of Eggs and Egg Components for Human Health. *Journal of Agricultural and Food Chemistry*, 53, 8421–8431.
- Kubkomawa, H. ., & Kenneth-Chukwu, O. . 2019. Egg Processing and Utilization in Nigeria : A Review. *Pearl Research Journal*, 5(1), 1–9.
- Kudra, T., & Ratti, C. 2006. Foam-Mat Drying : Energy and Cost Analyses.

Canadian Biosystems Engineering, 48, 27–32.

- Kumar, A., Kandasamy, P., & Chakraborty, I. 2022. Analysis of Foaming Properties of Mango Pulp for Foam - mat Drying : Impact of Egg Albumin Concentration and Whipping Time. *Journal of The Institution of Engineers (India) Series A*, 103(3), 717–724.
- Kurniasari, F., Hartati, I., & Kurniasari, L. 2019. Aplikasi Metode *Foam Mat Drying* pada Pembuatan Bubuk Jahe (*Zingiber officinale*). *Inovasi Teknik Kimia*, 4(1): 7-10.
- Kusum, M., Rc, V., Renu, M., Hk, J., & Deepak, S. 2018. A review : Chemical composition and utilization of egg. *International Journal of Chemical Studies*, 6(3), 3186–3189.
- Labiba, N. M., Marjan, A. Q., & Nasrullah, N. 2020. Pengembangan Soygurt (Yoghurt Susu Kacang Kedelai) sebagai Minuman Probiotik Tinggi Isoflavon. *Amerta Nutrition*, 244-249.
- Larosta, J. T., Permana, D. G. M., & Sugitha, I. M. 2019. Pengaruh Perbandingan Jagung Manis dan Edamame terhadap Karakteristik Susu Jagung Manis Edamame. *Jurnal Ilmu Dan Teknologi Pangan*, 8(4), 398–407.
- Leviana, W., & Paramita, V. 2017. Pengaruh Suhu terhadap Kadar Air dan Aktivitas Air dalam Bahan pada Kunyit (*Curcuma Longa*) dengan Alat Pengering Electrical Oven. *Metana*, 13(2): 37-44.
- Li, X., Wang, Y., Sun, C., Lv, J., & Yang, Y. 2021. Comparative Study on Foaming Properties of Egg White with Yolk Fractions and Their Hydrolysates. *Journal Foods*, 10, 1–13.
- Liao, Y. C., Chang, C. C., Nagarajan, D., Chen, C. Y., & Chang, J. S. 2021. Algae-derived hydrocolloids in foods: applications and health-related issues. *Bioengineered*, 12(1), 3787–3801.
- Lien, H. T. K., Anh. N. T. V., & Hue. N. V. 2019. Production of Corn Milk from Local Corn in Hue City. The 10th RMUTs International Conference” “Creative Innovation and Technology for Sustainable Agriculture.
- Light, J. M., & Dar, Y. L. 2014. *Food Texture Design and Optimization*. John Wiley & Son. <https://books.google.co.in/books?isbn=1118766121>
- Maherawati. 2018. Diversifikasi Produk Olahan Jagung Manis sebagai Upaya Peningkatan Nilai Tambah bagi Petani Jagung di Daerah Wisata Pasir Panjang-Singkawang. *Jurnal Pengabdian*, 1(1) : 17-25.
- Majiding, C. M., Shiddiq, M. N. A. A., & Rozi, F. 2023. Physical Characteristics and Shelf Life Estimation of Instant Powder Drink Made From the

- Combination of Yellow Sweet Potatoes and Red Beans. *Journal of Pharmaceutical Sciences*, 6(1): 55-65.
- Maris, I., & Radiansyah, M. R. 2021. Kajian Pemanfaatan Susu Nabati sebagai Pengganti Susu Hewani. *Food Scientia Journal of Food Science and Technology*, 1(2), 103–116.
- Mayasari, E., Harahap, Y. W., Rahayuni, T. 2023. Aplikasi Pengeringan Foam-mat dengan Kombinasi Tween 80 dan Maltodekstrin pada Pembuatan Bubuk Daun Kesum (*Polygonum minus Huds.*). *Jurnal Ilmu dan Teknologi Pangan*, 9(1) : 68-75.
- Mcclements, D. J., Newman, E., & Mcclements, I. F. 2019. Plant-based Milks : A Review of the Science Underpinning Their Design, Fabrication, and Performance. *Comprehensive Reviews in Food Science and Food Safety*, 0, 1–21.
- Mounir, S. 2017. Foam Mat Drying FMD. In *Drying Technologies for Foods* (Issue October 2017, 169–191).
- Muhajir, R., Rahim, A., & Hutomo, G. S. 2014. Karakteristik Fisik dan Kimia Susu Jagung Manis pada Berbagai Lama Perebusan. *Journal Agroland*, 21(2), 95–103.
- Muhsanati, Syarif, Rahayu. 2006. Pengaruh beberapa takaran kompos Tithonia terhadap pertumbuhan dan hasil tanaman jagung manis (*Zea mays saccharata* Sturt.). *Jurnal Jerami* 1 (2), 87-91.
- Munekata, P. E. S., Domínguez, R., Budaraju, S., Roselló-Soto, E., Barba, F. J., Mallikarjunan, K., Roohinejad, S., & Lorenzo, J. M. 2020. Effect of innovative food processing technologies on the physicochemical and nutritional properties and quality of non-dairy plant-based beverages. *Foods*, 9(3).
- Muthukumar, A., Ratti, C., & Raghavan, V. G. 2008. Foam-Mat Freeze Drying of Egg White and Mathematical Modeling Part I Optimization of Egg White Foam Stability. *Drying Technology*, 26, 508–512.
- Necas, J., & Bartosikova, L. 2013. Carrageenan: A review. *Veterinarni Medicina*, 58(4), 187–205.
- Ng, M. L., & Sulaiman, R. 2018. Development of beetroot (*Beta vulgaris*) powder using foam mat drying. *LWT Food Science and Technology*, 88, 80–86.
- Nugraha, W., Koesoemawardani, D., Nurainy, F., & Rizal, S. 2022. Pengaruh Penambahan Karagenan terhadap Sifat Fisikokimia dan Sensori Yoghurt Rasa Pisang Ambon. *Jurnal Agroindustri Berkelanjutan*, 1(2), 253–261.
- Núñez-Santiago, M. del C., & Tecante, A. 2007. Rheological and calorimetric study

- of the sol-gel transition of κ -carrageenan. *Carbohydrate Polymers*, 69(4), 763–773.
- Nurfiqih, D., & Hakim, L. 2021. Pengaruh Suhu, Persentase Air, dan Lama Penyimpanan terhadap Persentase Kenaikan Asam Lemak Bebas (ALB) pada Crude Palm Oil (CPO). *Jurnal Teknologi Kimia Unimal*, 2(November), 1–14.
- Nurhidayati, D., & Warmiati. 2021. *Moisture Analyzer Satorius Type MA 45 sebagai Alat Uji Kadar Air Gelatin dari Tulang Kelinci* (Vol. 20).
- Ohoiner, E. H., Mailoa, M., Palijama, S., & Poka, K. 2022. Pengaruh Kombinasi Air Kelapa Terhadap Sifat Kimia dan Sensorik Roti Manis. *Jurnal Agrosilvopasture-Tech*, 1(1), 1–9.
- Oktem, A. G., & Oktem, A. 2005. Effect of Nitrogen and Intra Row Spaces on Sweet Corn (*Zea mays saccharata* Sturt) Ear Characteristics. *Asian Journal of Plant Sciences*, 4(4), 361–364.
- Olagunju, A., Muhammad, A., Salihu, A., & Mada, S. B. 2013. Nutritional Values of Powdered Milk Commercially Consumed in West Africa. *International Journal of Food Nutrition and Safety*, 4(2), 55–61.
- Oliveira, D. M., Clemente, E., & da Costa, J. M. C. 2014. Hygroscopic behavior and degree of caking of grugru palm (*Acrocomia aculeata*) powder. *Journal of Food Science and Technology*, 51(10), 2783–2789.
- Padghan, P., Patil, S., Jaybhaye, R., Katore, V., Deshmukh Assistant Professor, N., & Sc Scholar, M. 2015. Studies on Cost of Production of Sweet Corn Milk and Its Blended Milk Products. *Journal of Ready to Eat Food*, 2(2), 51–55. www.jakraya.com/journal/jref
- Pargiyanti. 2019. Optimasi Waktu Ekstraksi Lemak dengan Metode Soxhlet Menggunakan Perangkat Alat Mikro Soxhlet. *Indonesian Journal of Laboratory*, 1(2), 29.
- Permata, D. A., & Sayuti, K. 2016. Pembuatan Minuman Serbuk Instan dari Berbagai Bagian Tanaman Meniran (*Phyllanthus niruri*). *Jurnal Teknologi Pertanian Andalas*, Vol. 20(1).
- Popescu, E. C., & Boscornea, C. 2007. Structure and properties of carragenan. *The Annals of Valahia*, 8.
- Prawira-Atmaja, M. I., Haryanto, S., Maulana, H., Shabri, S., & Rohdiana, D. D. 2019. Karakteristik Sifat Alir Serbuk Teh Hijau yang Diproses dengan Metode Penepung Berbeda. *Jurnal Sains Teh Dan Kina*, 21(2), 85–95.
- Pugliese, A., Cabassi, G., Chiavaro, E., Paciulli, M., Carini, E., & Mucchetti, G. 2017. Physical characterization of whole and skim dried milk powders.

- Purbasari, D. 2019. Aplikasi Metode Foam-Mat Drying Dalam Pembuatan Serbuk Susu Kedelai Instan. *Jurnal Agroteknologi*, 13(01), 52.
- Puteri, N. P., Dewi, L., & Mahardika, A. 2020. Penambahan Putih Telur sebagai Peningkat Protein pada Tempe Kedelai. *Edubiotik: Jurnal Pendidikan, Biologi Dan Terapan*, 5(02), 142–152.
- Qadri, O. S., Srivastava, A. K., & Yousuf, B. 2019. Trends in foam mat drying of foods : Special emphasis on hybrid foam mat drying technology. *Critical Reviews in Food Science and Nutrition*, 2, 1–10.
- Raharitsifa, N., Genovese, D. B., & Ratti, C. 2006. Characterization of Apple Juice Foams for Foam-Mat Drying Prepared with Egg White Protein and Methylcellulose. *Journal of Food Science*, 71(3), 142–151.
- Ramsing, R., Santo, R., Kim, B. F., Johnson, D. A., Wooden, A., Chang, K. B., Semba, R. D., & Love, D. C. 2023. Dairy and Plant - Based Milks : Implications for Nutrition and Planetary Health. In *Current Environmental Health Reports* (Issue 0123456789). Springer International Publishing.
- Ratti C and Kudra T,. 2006. Drying of foamed materials opportunities and challenges. In proceeding 11th polish Drying symposium. Sept, pp. 13–16. CD-ROM. Poznar, Poland.
- Rennie, P. R., Dong, X., Hargreaves, C., & Mackereth, A. R. 1999. A study of the cohesion of dairy powders. *Journal of Food Engineering*, 39, 277–284.
- Retno, E., Fadilah, & Kriswiyanti, E. 2006. Pengeringan Jambu Biji (Lambo Guava) dengan Metode Foam Mat Drying. *Ekulibrium*, 5(1), 1–7.
- Reyes-Jurado, F., Soto-Reyes, N., Davila-Rodriguez, M., Lorenzo-Leal, A. ., Jimenez-Mungula, T., Mani-Lopez, E., & Lopez-Malo, A. 2021. Plant-Based Milk Alternatives: Types, Processes, Benefits, and Characteristics. *Food Reviews International*, 1–32.
- Rusmono, M., & Nasution, Z. 2014. Pengolahan Hasil Pertanian. In *Sifat Fisik dan Bahan Kimia Bahan Baku Industri*, 1–24.
- Sangamithra, A., Venkatachalam, S., John, S. G., & Kuppuswamy, K. 2015. Foam Mat Drying of Food Materials: A Review. *Journal of Food Processing and Preservation*, 39(6), 3165–3174.
- Sanlier, N., & Üstün, D. 2021. Egg consumption and health effects : A narrative review. *Journal Food Science*, 86(April), 4250–4261.
- Saputra, G. A., Sarengat, W., & Abduh, S. B. M. 2014. Aktivitas Air, Total Bakteri

dan Drip Loss Daging Itik Setelah Mengalami Scalding dengan Malam Batik. *Animal Agriculture Journal*, 3(1), 34–40.

Saputra, S. A., Yulian, M., & Nisahi, K. 2021. Karakteristik dan Kualitas Mutu Karaginan Rumput Laut di Indonesia. *Lantanida Journal*, 9(1).

Sarifudin, A., Eka, R., Surahman, D. N., Khudaifanny, S., Febrianti, D., Putri, A., Besar, B., Teknologi, P., Guna, T., No, J. K. S. T., & Barat, J. 2015. Pengaruh Penambahan Telur pada Kandungan Proksimat, Karakteristik Aktivitas Air Bebas (Aw) dan Tekstural Snack Bar Berbasis Pisang (*Musa paradisiaca*). *AGRITECH*, 35(1), 1–8.

Schuck, P., Dolivet, A., & Jeantet, R. 2012. Analytical methods for food and dairy powders analytical methods. In *In Analytical Methods for Food and Dairy Powders Analytical Methods*.

Sethi, S., & Rahul, S. K. T. 2016. Plant-based milk alternatives an emerging segment of functional beverages : a review. *Journal of Food Science and Technology*, 53(9), 3408–3423.

Shaari, N. A., R. Sulaiman, R. A. Rahman., J. Bakar. 2017. Production of Pineapple Fruit (*Ananas comosus*) powder using foam-mat drying : Effect of whipping time and egg albumen concentration. *J. Food Process*, 42: 1-10.

Silva, A. R. A., Silva, M. M. N., & Ribeiro, B. D. 2020. Health Issues and Technological Aspects of Plant-Based Alternative Milk. *Food Research International*, 131.

Siyuan, S., Tong, L., & Liu, R. H. 2018. Corn phytochemicals and their health benefits. *Food Science and Human Wellness*, 7(3), 185–195.

Spence, C. 2015. On the psychological impact of food colour. *Flavour*, 4(1), 1–16.

Sudaryati, Syulistiani, R., & Shinta. 2007. Pembuatan Susu Jagung Manis Serbuk Substitusi Susu Kacang Hijau (Kajian : Penambahan Dekstrin dan Na-CMC). *Jurnal Teknologi Pangan*, 1(2), 75–83.

Sutardi, Hadiwiyoto, S., & Murti, C. R. N. 2010. Pengaruh Dekstrin dan Gum Arab terhadap Sifat Kimia dan Fisik Serbuk Sari Jagung Manis (*Zeamays saccharata*). *Jurnal Teknologi Dan Industri Pangan*, XXI(2), 102–107.

Syukur, M., Sujiprihati, S., & Yuniarti, R. 2012. *Teknik Pemuliaan Tanaman*. Penebar Swadaya Grup.

Syukur, M., & Rifianto, A. 2013. *Jagung Manis* (F. Al Nurrohmah (ed.); I). Penebar Swadaya Grup.

Tako, M., Nakamura, S., & Kohda, Y. 1987. Indicative evidence for a

- conformational transition in ι-carrageenan. *Carbohydrate Research*, 161(2), 247–255.
- Taruna, I., & Surami, N. 2013. Karakteristik Produk Serbuk Sari Jagung Manis Instan Hasil Pengeringan Metode Spouted-Vortex-Bed. *Jurnal Teknologi Dan Industri Pangan*, 24(2), 228–234.
- Tasende, M. G., & Manriquez-Hernandez, J. A. 2020. Carrageenan Properties and Applications: A Review. In *Carrageenans* (pp. 17–48).
- Tasende, M. G., & Manriquez, H. J. A. 2020. *Carrageenan Properties and Applications: A Review* (Issue September 2016).
- Tonin, I. P., Ferrari, C. C., da Silva, M. G., de Oliveira, K. L., Berto, M. I., da Silva, V. M., & Germer, S. P. M. 2018. Performance of different process additives on the properties of mango powder obtained by drum drying. *Drying Technology*, 36(3), 355–365.
- USDA. 2019. [Eggs, Grade A, Large, egg white](https://fdc.nal.usda.gov/fdc-app.html#/food-details/747997/nutrients). United States: Food Data Central. Diakses dari <https://fdc.nal.usda.gov/fdc-app.html#/food-details/747997/nutrients>.
- Wahyuni, S., & Dhora, A. 2019. Saponifikasi-Netralisasi Asam Oleat Minyak Sawit menjadi Foaming Agent Ramah Lingkungan. *Jurnal Teknologi Industri Pertanian*, 29(3), 317–326.
- Widyasanti, A., Septiani, N. A., Nurjanah, S. 2018. Pengaruh Penambahan Maltodekstrin terhadap Karakteristik Fisikokimia Bubuk Tomat Hasil Pengeringan Pembusaan (Foam Mat Drying). *Agrin*, 22(1) : 22-38.
- Widodo., Rachmawati, A. V., Chulaila, R., Budisatria, I. G. S. 2012. Produksi dan Evaluasi Kualitas Susu Bubuk Asal Kambing Peranakan Ettawa (PE). *Jurnal Teknologi dan Industri Pangan*, 13(2): 132-139.
- Wildan, E., Zainal., Salengke. 2018. Karakteristik Susu Kedelai Bubuk yang Diproses dengan Pengeringan Beku dan Pengeringan Vakum. *Jurnal Agrisistem*, 14(2) : 113-124.
- Yonata, D., Nurhidajah., Pranata, B., Yusuf, M. 2021. Pengembangan Penyedap Rasa Alami dari Cangkang Rajungan dengan Metode Foam-Mat Drying. *Agrointek*, 15(1): 371-381.
- Yuliawaty, S.T. dan W.H. Susanto. 2015. Pengaruh Lama Pengeringan dan Konsentrasi Maltodekstrin terhadap Karakteristik Fisik, Kimia dan Organoleptik Minuman Instan Daun Mengkusu (*Morinda citrifolia* L.). *Jurnal Pangan dan Agroindustri*, 3(1), 41 – 52
- Zamaluddien, A., Kusnandar, F., Purnoma, E. H. 2019. Kecukupan Pasteurisasi

Sistem Kontinyu Krimer Kental Manis dan Pengaruhnya terhadap Stabilitas selama Penyimpanan. *Jurnal Mutu Pangan*, 6(2).

Zamzami, M., Dewi, E.N. 2022. Pengaruh Konsentrasi Putih Telur dalam Pembuatan Bubuk Kaldu Jamur Tiram dengan Metode Foam Mat Drying. *Jurnal Teknologi Separasi*, 8(4):732-738.

Zayas, J. F. 1997. Foaming Properties of Proteins. In *Functionality of Proteins in Food*. Springer, Berlin, Heidelberg.

