

DAFTAR PUSTAKA

- Albert, A., A. Salvador, P. Schlich, dan S. Fizman. 2012. Comparison between temporal dominance of sensation (TDS) and key-attribute sensory profiling for evaluating solid food with contrasting textural layers: fish stick. *Food Quality and Preference* 24 : 111–118.
- AlFaris, N. A., G. M. Alshammari, J. Z. AlTamimi, L. A. AlMousa, R. I. Alagal, N. M. AlKehayez, dan M. A. Yahya. 2022. Evaluating the effects of different processing methods on the nutritional composition of shrimp and the antioxidant activity of shrimp powder. *Saudi Journal of Biological Sciences* 29(1) : 640–649.
- AOAC. 1995. *Official Methods of Analysis of the Association of Analytical Chemists*. Washington D.C.
- Apriyantono, A. 1989. *Analisis Pangan*. Departemen Pendidikan dan Kebudayaan, Direktorat Jenderal Pendidikan Tinggi, Pusat Antar Universitas Pangan dan Gizi, Institut Pertanian Bogor. Bogor.
- Bk, R. S., dan E. Dahal. 2024. A comprehensive review of food quality, energy use and temperature behavior of different retort processing techniques.
- Bourne, M. C. 2002. *Food Texture and Viscosity: Concept and Measurement* (2nd ed.). Academic Press, India.
- Bruzzone, F., G. Ares, dan A. Gimenez. 2013. Temporal aspects of yoghurt-like products. *International Dairy Journal* 30 : 282–292.
- Byun, Y., H. J. Bae, K. Cooksey, dan S. Whiteside. 2010. Comparison of the quality and storage stability of salmon packaged in various retort pouches. *LWT—Food Science and Technology* 43(3) : 551–555.
- Chan, S. S. 2022. Water holding properties of finfish muscle: mechanisms and influencing factors. *Critical Reviews in Food Science and Nutrition* 62(3) : 689–703.
- Chen, B. C., Y. C. Huang, S. H. Huang, P. C. Yu, B. L. Wang, F. H. Lin, Y. C. Chou, C. J. Hsieh, dan C. P. Yu. 2022. Epidemiology and risk factors for notifiable *Clostridium botulinum* infections in Taiwan from 2003 to 2020. *Medicine* 101(42) : 1–10.
- Chen, H., G. Zhao, X. Yu, Q. Zhang, C. Zhu, L. Tong, dan J. Hao. 2023. Exploring in vitro gastrointestinal digestion of myofibrillar proteins at different heating temperatures. *Food Chemistry* 414 : 135694.
- Cheng, S., W. Su, L. Yuan, and M. Tan. 2021. Recent developments of drying techniques for aquatic products: with emphasis on drying process monitoring with innovative methods. *Drying Technology*. 39(11): 1577-1594

- Chysirichote, T., W. Wattanasiriwit, K. Ploykrachang, dan T. Chsirichote. 2025. Effect of variation of solid/liquid content in food on the sterilizing time and physical properties of chicken and turkey berries in green curry in retort pouch. *Journal of Culinary Science and Technology* 23(2) : 324–336.
- Civille, G. V., B. T. Carr, dan K. E. Osdoba. 2024. *Sensory Evaluation Techniques*. CRC Press.
- Coles, R., dan M. Kirwan. 2011. *Food and Beverage Packaging Technology* (2nd ed.). Wiley-Blackwell. United Kingdom, India
- Dasan, P. G., M. Bojayanaik, D. Gundubilli, S. N. Banavath, M. R. Siravati, M. C. Obaliah, dan V. S. Alandur. 2021. Heat penetration characteristics and quality of ready-to-eat shrimp in masala (*Litopenaeus vannamei*) in flexible retortable pouches. *Journal of Food Processing and Preservation* 45(5) : e15411.
- Deshwal, G. K., dan N. R. Panjagari. 2020. Review on metal packaging: materials, forms, food applications, safety and recyclability. *Journal of Food Science and Technology* 57(7) : 2377–2392.
- Dixon, W. R., E. G. Watts, J. A. King, X. Fu, dan L. Wicker. 2020. Shelf-stable sustainable shrimp thermally processed with reciprocal agitation. *Frontiers in Sustainable Food Systems* 4 : 569790.
- Duppeti, H., S. N. Manjabhatta, A. Martin, dan B. B. Kempaiah. 2022. Effects of different processing methods on the biochemical composition, color and non-volatile taste active compounds of whiteleg shrimp (*Litopenaeus vannamei*). *Food Chemistry Advances* 1 : 100118.
- Erdogdu, F., M. O. Balaban, S. W. Otwell, dan L. Garrido. 2004. Cook-related yield loss for Pacific white shrimp previously treated with phosphates: effects of shrimp size and internal temperature distribution. *Journal of Food Engineering* 64 : 297–300.
- Ernawati, H. 2020. Consumer preferences for Indonesian culinary. *Journal of Indonesian Economy and Business* 34(3) : 280-293
- Feng, S., J. Bi, T. Laaksonen, P. Laurén, dan J. Yi. 2024. Texture of freeze-dried intact and restructured fruits: formation mechanisms and control technologies. *Trends in Food Science and Technology* 143 : 104267.
- Franco-Zavaleta, M. E., R. Jiménez-Pichardo, A. Tomasini-Campocoso, dan I. Guerrero-Legarreta. 2010. Astaxanthin extraction from shrimp wastes and its stability in two model systems. *Journal of Food Science* 75(5) : C394–C399.
- Ganachari, J., M. Bojayanaik, S. D. Chavan, dan D. J. Fernandes. 2025. Optimization of thermal processing and quality evaluation of retort-pouch processed black tiger shrimp (*Penaeus monodon*) in masala. *International Journal of Advanced Biochemistry Research* 9(9) : 152-161

- Gao, R., X. Feng, W. Li, L. Yuan, J. Ge, D. Lu, B. Chen, dan G. Yu. 2016. Changes in properties of white shrimp (*Litopenaeus vannamei*) protein during thermal denaturation. *Food Science and Biotechnology* 25(1) : 21–26.
- Hafiludin, H., dan F. H. Najah. 2023. Pengaruh metode pelelehan (thawing) terhadap mutu udang vaname (*Litopenaeus vannamei*). *Agrointek* 17(3) : 716–723.
- Hartanti, D. I. 2021. Pengaruh penambahan kayu manis sebagai masking agent dalam minuman kakao (*Arthrospira platensis*). Skripsi. Fakultas Pertanian, Universitas Gadjah Mada.
- Herliany, N. E., J. Santoso, dan E. Salamah. 2013. Penggunaan coating karagenan terhadap mutu organoleptik udang kupas rebus selama penyimpanan dingin. *Jurnal Agroindustri* 3(2) : 61–70.
- Heymann, H., dan T. Lawless. 2012. *Sensory Evaluation of Food: Principles and Practices*. Springer. London.
- Holdsworth, D., dan R. Simpson. 2007. *Thermal Processing of Packaged Foods*. Springer. Boston.
- Hu, J., W. Lu, M. Lv, Y. Wang, R. Ding, dan L. Wang. 2019. Extraction and purification of astaxanthin from shrimp shells and the effects of different treatments on its content. *Revista Brasileira de Farmacognosia* 29 : 24–29.
- Imelda, F., L. Purwandani, dan A. Mustangin. 2023. Uji Mikrobiologi. Politeknik Negeri Pontianak. Pontianak.
- Jimenez, P. S. 2024. Effects of different types of starches on heat penetration, color and viscosity in Alfredo sauce. The Graduate School of Clemson University. Thesis
- Jimenez, P. S., S. P. Bangar, M. Suffern, dan W. S. Whiteside. 2023. Understanding retort processing: a review. *Food Science and Nutrition* : 1545–1563.
- Junianto, J., B. M. M. R. R. Star, O. Siringoringo, A. F. Purnama, I. Nurardiansyah, F. V. Apda, dkk. 2024. Pengembangan produk udang kaleng: canned shrimp product development. *JFMR (Journal of Fisheries and Marine Research)* 8(2) : 66–74.
- Kang, X., M. Ma, J. Yuan, dan Y. Huang. 2022. Characteristics and mechanisms of crayfish myofibril protein gel deterioration induced by autoclaving. *Foods* 11(7) : Article 7.
- Kim, J., D. T. Utama, H. S. Jeong, F. H. Barido, dan S. K. Lee. 2020. Quality characteristics of retort samgyetang marinated with different levels of soy sauce and processed at different F_0 values. *Journal of Animal Science and Technology* 62(5) : 713.
- Kuncoro, B. W., M. E. Kustyawati, D. Koesoemawardani, dan S. Hidayati. 2023. Pendugaan masa simpan udang kemas berbumbu pada suhu dingin dengan metode Arrhenius. *Jurnal Agroindustri Berkelanjutan* 2(2).

- Labbe, D., P. Schlich, N. Pineau, F. Gilbert, dan N. Martin. 2009. Temporal dominance of sensations and sensory profiling: a comparative study. *Food Quality and Preference* 20(3) : 216–221.
- Lazárková, Z., A. Kratochvílová, R. N. Salek, Z. Polášek, L. Siška, M. Pětová, dan F. Bunka. 2023. Influence of heat treatment on the chemical, physical, microbiological and sensorial properties of pork liver pâté as affected by fat content. *Foods* 12(12) : Article 12.
- Le Révérend, F. M., C. Hidrio, A. Fernandes, dan V. Aubry. 2008. Comparison between temporal dominance of sensations and time-intensity results. *Food Quality and Preference* 19(2) : 174–178.
- Li, D. Y., Z. Q. Liu, B. Liu, Y. Qi, Y. X. Liu, dan X. Y. Liu. 2020. Effect of protein oxidation and degradation on texture deterioration of ready-to-eat shrimps during storage. *Journal of Food Science* 85(9) : 2673–2680.
- Li, F., M. Cai, Y. Wu, Q. Lian, Z. Qian, dan J. Luo. 2022. Effects of nitrogen and light intensity on the astaxanthin accumulation in motile cells of *Haematococcus pluvialis*. *Frontiers in Marine Science* 9 : 909237.
- Li, N., Y. Wang, Z. Tan, Y. Xu, X. Liu, Y. Liu. 2024. Effect of ultra-high pressure heat-assisted technology combined with L-cysteine on the color of ready-to-eat shrimp during storage. *Food Chemistry* 460 : 140634.
- Limia, L. G., J. Carballo, M. R. Gonzales, dan S. Martinez. 2022. Impact of the filling medium on the colour and sensory characteristics of canned European eels (*Anguilla anguilla* L.). *Foods* 11(18) : 1–15.
- Liu, S., T. Shi, J. Yu, R. Li, H. Lin, dan K. Deng. 2024. Research on bitter peptides in the field of bioinformatics: a comprehensive review. *International Journal of Molecular Sciences* 25(18) : 9844.
- Liu, S., L. Zhang, Z. Li, M. Liu, J. Chen, P. Hong. 2024. Effect of temperature fluctuation on the freshness, water migration and quality of cold-storage *Penaeus vannamei*. *LWT* 193 : 115771.
- Maharani, N. R., R. A. Kurniasih, dan S. Sumardianto. 2023. Ekstraksi astaxanthin dengan suhu yang berbeda dari karapas udang vaname (*Litopenaeus vannamei*) menggunakan pelarut minyak kelapa. *Jurnal Ilmu dan Teknologi Perikanan* 5(1) : 26–31.
- Maherawati, T., T. Rahayuni, dan L. Hartanti. 2022. Perubahan karakteristik fisikokimia dan sensoris pacri nanas kaleng selama penyimpanan. *Jurnal Ilmiah Rekayasa Pertanian dan Biosistem* 10(2) : 184–192.

- Majumdar, R. K., D. Roy, dan A. Saha. 2017. Textural and sensory characteristics of retort-processed freshwater prawn (*Macrobrachium rosenbergii*) in curry medium. *International Journal of Food Properties* 20(11) : 2487–2498.
- Ma'roef, A. F., Y. H. Sipahutar, dan N. Hidayah. 2021. Penerapan good manufacturing practices (GMP) dan sanitation standard operating procedure (SSOP) pada proses pengalengan ikan lemuru (*Sardinella longiceps*) dengan media saus tomat. *Prosiding Simposium Nasional Kelautan dan Perikanan* 8.
- McGee, H. 2007. *On Food and Cooking: The Science and Lore of the Kitchen*. Simon and Schuster. New York
- Mohan, C. O., C. N. Ravishankar, J. Bindu, V. Geethalakshmi, dan T. K. Srinivasa Gopal. 2006. Effect of thermal process time on quality of “shrimp kuruma” in retortable pouches and aluminum cans. *Journal of Food Science* 71(6) : 496–500.
- Mohan, C. O., S. Remya, L. N. Murthy, C. N. Ravishankar, dan K. A. Kumar. 2015. Effect of filling medium on cooking time and quality of canned yellowfin tuna (*Thunnus albacares*). *Food Control* 50 : 320–327.
- Murda, Y. K., A. Husni, S. A. Budhiyanti, dan E. R. N. Herwati. 2016. Karakteristik kimia dan mikrobiologi filet lele dumbo asap berbumbu dalam kaleng. *Jurnal Pengolahan Hasil Perikanan Indonesia* 19(2) : 140–147.
- Murniyati. 2009. Penggunaan retort pouch untuk produk pangan siap saji. *Jurnal Squalen* 4(2) : 55–60.
- Naseri, M., M. Rezaei, S. Moieni, H. Hosseini, dan S. Eskandari. 2011. Effect of different filling media on the oxidation and lipid quality of canned silver carp (*Hypophthalmichthys molitrix*). *International Journal of Food Science and Technology* 46 : 1149–1156.
- Natalia, L., dan A. Priadi. 2012. Botulismus: patogenesis, diagnosis dan pencegahan. *Wartazoa* 22(3) : 127–140.
- Ningtyas, D. W., B. Bhandari, N. Bansal, dan S. Prakash. 2019. Sequential aspects of cream cheese texture perception using temporal dominance of sensations (TDS) tool and its relation with flow and lubrication behaviour. *Food Research International* 120 : 586–594.
- Nugrahani, I., dan M. A. Jessica. 2021. Amino acids as the potential co-former for co-crystal development: a review. *Molecules* 26(11) : 3279.
- Nurfaidah, Metusalach, M. Mahendradatta, S. Sukarno, Sufardin, A. Fahrizal, dan Sulfiana. 2024. Profil proksimat, asam amino, dan asam lemak MPASI dengan bahan baku tepung ikan. *Jurnal Pengolahan Hasil Perikanan Indonesia* 27(5) : 431–445.
- Pandiselvam, R., A. Singh, S. Agriopoulou, M. Sachadyn-Krol, R. Aslam, C. M. Gonçalves Lima, A. C. Khanashyam, A. Kothakota, O. Atakan, M. Kumar, S. K.

- Mathanghi, dan A. Mousavi Khaneghah. 2022. A comprehensive review of impacts of ozone treatment on textural properties in different food products. *Trends in Food Science and Technology* 127 : 74–86.
- Perceka, M. L., R. A. Afifah, dan P. P. Ringgo. 2021. Pengolahan udang putih (*Litopenaeus vannamei*) kupas mentah beku di PT XXX, Pontianak–Kalimantan Barat. *Buletin Jalanidhitah Sarva Jivitam* 3(2) : 83–91.
- Pineau, N., dan P. Schlich. 2015. Temporal dominance of sensations (TDS) as a sensory profiling technique. Dalam: *Rapid Sensory Profiling Techniques*. Woodhead Publishing : 269–306.
- Pineau, N., P. Schlich, S. Cordelle, C. Mathonnière, S. Issanchou, A. Imbert, M. Rogeaux, P. Etiévant, dan E. Köster. 2009. Temporal dominance of sensations: construction of the TDS curves and comparison with time-intensity. *Food Quality and Preference* 20 : 450–455.
- Praharasti, A. S., E. R. N. Herawati, A. Nurhikmat, A. Susanto, dan M. Angwar. 2014. Optimasi proses sterilisasi rendang daging dengan menggunakan kemasan retort pouch. *Prosiding Seminar Nasional Sinergi Pangan, Pakan, dan Energi Terbarukan* 1 : 463–467.
- Prastowo, A. 2019. Nilai Sterilitas Lele Asap Bumbu Tradisional yang Dikemas Menggunakan Retort Pouch. *Skripsi*. Fakultas Pertanian, Universitas Gadjah Mada.
- Purnamasari, I., D. Purnama, dan M. A. F. Utami. 2017. Pertumbuhan udang vaname (*Litopenaeus vannamei*) di tambak intensif. *Jurnal Enggano* 2(1) : 58–67.
- Puthanangadi Dasan, G., M. Bojayanaik, D. Gundubilli, S. N. Banavath, M. R. Siravati, M. C. Obaliah, dan V. S. Alandur. 2021. Heat penetration characteristics and quality of ready-to-eat shrimp in masala (*Litopenaeus vannamei*) in flexible retortable pouches. *Journal of Food Processing and Preservation* 45(5) : e15411.
- Qiu, X., X. Dong, dan Y. Zhao. 2020. Browning development and oxidative changes in thermally processed aquatic products. *LWT – Food Science and Technology* 130 : 109639.
- Rahman, M. S. 2020. *Handbook of Food Preservation*. CRC Press.
- Riandi, R., S. Haryati, dan R. P. Aditia. 2023. Pengaruh waktu sterilisasi terhadap daya simpan pindang ikan tongkol (*Euthynnus affinis*) dalam kemasan retort pouch. *Leuit (Journal of Local Food Security)* 4(2) : 310–317.
- Hustiany, R. 2016. *Reaksi Maillard Pembentuk Citarasa dan Warna pada Produk Pangan*. Lambung Mangkurat University Press, Banjarmasin
- Safitri, S., R. B. S. Salampessy, dan D. Y. Maulid. 2022. Proses pengolahan udang vaname (*Litopenaeus vannamei*) headless easy peel beku di PT Indokom

Samudera Persada, Tanjung Bintang, Lampung Selatan. Buletin Jalanidhitah Sarva Jivitam 4(1) : 11–21.

- Sasongko, L. W., dan A. Masi. 2023. Mutu hedonik dan cemaran mikrobiologi olahan sambal ikan tongkol asap (*Euthynnus affinis*) dengan kemasan retort pouch. MANFISH Journal 4(1) : 33–38.
- Setyaningsih, D. 2010. Analisis Sensori untuk Industri Pangan dan Agro. IPB Press. Bogor.
- Sidel, J. L., R. N. Bleibaum, dan K. W. C. Tao. 2018. Quantitative Descriptive Analysis. John Wiley & Sons. USA.
- Sopade, P. A., P. J. Halley, dan N. A. Caffin. 2013. Physical properties of foods: texture characterization. Journal of Food Engineering 114(1) : 1–8.
- Suardana, I. W. 2001. Botulismus pada manusia. Jurnal Veteriner 2(1) : 28–36.
- Suryawati, S. H., E. S. Luhur, T. Kurniawan, dan F. Y. Arthatiyany. 2019. Analisis struktur, perilaku dan kinerja pasar udang Indonesia. Jurnal Sosial Ekonomi Kelautan dan Perikanan 14(2) : 211–223.
- Szczesniak, A. S. 2002. Texture is a sensory property. Food Quality and Preference 13(4) : 215–225.
- Tadini, C. C., dan J. A. Gut. 2022. The importance of heating unit operations in the food industry to obtain safe and high-quality products. Frontiers in Nutrition 9 : 853638.
- Tirloni, E., M. Nauta, M. Vasconi, V. Di Pietro, C. Bernardi, dan S. Stella. 2020. Growth of *Listeria monocytogenes* in ready-to-eat shrimp cocktail: risk assessment and possible preventive interventions. International Journal of Food Microbiology 334 : 108800.
- Ushakumari, U. N., dan R. Ramanujan. 2012. Astaxanthin from shrimp shell waste. International Journal of Pharmaceutical Chemistry Research 1(3) : 1–6.
- Vilgis, T. A. 2015. Soft matter food physics: the physics of food and cooking. Reports on Progress in Physics 78(12) : 124602.
- Wang, S., S. Lin, S. Li, X. Qian, C. Li, dan N. Sun. 2024. Effects of different thermal sterilization conditions on the quality of ready-to-eat shrimp based on specific sterilization intensity. Food Chemistry 450 : 139359.
- Wang, X., X. Wang, X. Zhang, S. Liu, J. Yu, H. Cui, X. Xia, dan C. T. Ho. 2023. Changes of lipid oxidation, volatile and taste-active compounds during pan-heating of pork belly. Food Research International 172 : 113106.
- Waziroh, E., D. Y. Ali, dan N. Istianah. 2017. Proses Termal pada Pengolahan Pangan. UB Press. Malang.



- Xu, Y., Y. Chen, Y. Cao, W. Huang, S. Zhang, dan W. Xia. 2016. Effect of steam cooking on textural properties and taste compounds of shrimp (*Metapenaeus ensis*). *Food Science and Technology Research* 22(1) : 75–81.
- Yu, Q., H. Hong, Y. Liu, A. R. Monto, R. Gao, dan Y. Bao. 2024. Oxidation affects pH buffering capacity of myofibrillar proteins via modification of histidine residue and structure of myofibrillar proteins. *International Journal of Biological Macromolecules* 260 : 129532.
- Zhu, S., L. Zhu, Z. Ke, H. Chen, Y. Zheng, dan P. Yang. 2023. A comparative study on the taste quality of *Mytilus coruscus* under different shucking treatments. *Food Chemistry* 412 : 135480.