

DAFTAR PUSTAKA

- Al-Baali, G., A. Ghani dan M. Farid. 2007. Sterilization of food in retort pouches. Springer Science & Business Media. New Zealand.
- Ando, M. 1997. Correspondence of collagen on the heat induced softening of frozen thawed cuttle fish *Sepia offi cinalismantle*. J Home Econ Japan 48:315–321.
- Arizona, R., E. Suryanto dan Y. Erwanto. 2011. Pengaruh konsentrasi asap cair tempurung kenari dan lama penyimpanan terhadap kualitas kimia dan fisik daging. Buletin Peternakan. 35(1) : 50-56.
- Arpah. 2001. Penentuan Kadaluarasa Produk Pangan. Program Sudi Ilmu Pangan Program Pascasarjana. Institut Pertanian Bogor. Bogor.
- Azzahra, F. A., R. Utami dan E. Nurhartadi. 2013. Pengaruh penambahan minyak atsiri lengkuas merah (*Alpinia purpurata*) pada edible coating terhadap stabilitas pH dan warna fillet ikan patin selama penyimpanan suhu beku. Jurnal Tekno sains Pangan. 2(4) : 32-38.
- Badan Standarisasi Nasional. 2008. SNI 2897: 2008 tentang Metode Pengujian Cemaran Mikrobial dalam Daging, Telur dan Susu, serta Hasil Olahannya. Jakarta.
- Badan Standarisasi Nasional. 2009. SNI 7388: 2009 tentang Batas maksimum cemaran mikroba dalam pangan. Jakarta.
- Barbanti, D., dan Pasquini, M. 2005. Influence of cooking conditions on cooking loss and tenderness of raw and marinated chicken breast meat. LWT-Food Science and Technology. 38(8), 895-901.
- Bindu J, Gopal TKS dan Nair TSU. 2004. Ready-to-eat mussel meat processed in retort pouches for the retail and export market. Pack Tech Sci 17:113–117.
- Bindu J, Ravishankar CN, Gopal TKS. 2007. Shelf-life evaluation of a ready-to-eat black clam (*Villorita cyprinoides*) product in indigenous retort pouches. J Food Eng 78:995–1000.
- Blakiestone, B. 2003. Retortable pouches. Encyclopedia of agricultural and food engineering. New York: Marcel Dekker.
- Bowker, B., dan Zhuang, H. 2015. Relationship between water-holding capacity and protein denaturation in broiler breast meat 1. Poultry Science, 94(7), 1657-1664.
- Cantalejo, M. dan J., Zouaghi, F. 2016. Study of modified atmosphere packaging on the quality of ozonated freeze-dried chicken meat. Meat Science 119 : 123-131.

- Chinesta, F., Torres, R., Ramon, A., Rodrigo, M.C. dan Rodrigo, M. 2002. Homogenized Thermal Conduction Model FOR Particulate Foods. *Journal of Engineering* 80 : 80-95.
- Destefanis, G., Brugiapaglia, A., Barge, M. T., & Dal Molin, E. 2008. Relationship between beef consumer tenderness perception and Warner–Bratzler shear force. *Meat science*, 78(3), 153-156.
- Domiszewski, Z., G. Bienkiewicz, and D. Plust. 2011. Effects of different heat treatments on lipid quality of striped catfish (*Pangasius hypophthalmus*). *Acta Sci. Pol. Technol. Aliment.* 10(3): 359-373.
- Emblem A. 2000. Predicting packaging characteristics to improve shelf-life. Kilcast D, Subramaniam P, editor. *The Stability and Shelf –Life of Food*. Cambridge (UK): Woodhead Publishing 145–169.
- Eskin, N. A. M. dan Robinson, D. S. 2001. *Shelf Life Stability: Chemical, Biochemical and Microbiological Changes*. CRC Press LLC. Florida, USA.
- Fellows, P. J. And B. Axtell. 1993. *Appropriate Food Packaging. Transfer of Technology for Development*. Amsterdam.
- Fletcher, D. L., Qiao, M dan Smith, D. P. 2000. The relationship of raw broiler breast meat color and pH to cooked meat color and pH. *Poultry Science*. 79(5), 784-788.
- Fletcher, D.L., 2002. Poultry meat quality. *World Poult. Sci. J.* 58, 131-145
- Food dan Drug Administration (FDA). 2005. *Food and Drugs. Chapter 1-Food and Drug Administration Departemen of Health and Human Services. Subchapter B-food FOR Human Consumption. Code of Federal Regulations. Title 21. Volume Revised AS*.
- Furqon, A., I. Maflahah dan A. Rahman. 2016. Pengaruh jenis pengemas dan lama penyimpanan terhadap mutu produk nugget gembus. *Agrointek*. 10(2) : 70-75.
- Hariyadi P, Kusnandar F, Wulandari N. 2006. *Teknologi Pengalengan Pangan*. Departemen Ilmu dan Teknologi Pangan, Institut Pertanian Bogor. Bogor.
- Hariyadi, P. 2014. *Prinsip-Prinsip Proses Panas untuk Industri Pangan*. Dian Rakyat. Jakarta.
- Hefnawy, M. 2010. *Advances in Food Protection Focus on Food Safety and Defense*. Springer. USA.
- Hudaya, S. 2008. *Penyimpanan Makanan pada Suhu Rendah dan Pengaruhnya pada Bahan Makanan. Materi Pelatihan Pengolahan Hasil Pertanian dan Pengawetan Pangan*. Jakarta.

- Hughes, J. M., Oiseth, S. K., Purslow, P. P., & Warner, R. D. 2014. A structural approach to understanding the interactions between colour, water-holding capacity and tenderness. *Meat science*. 98(3): 520-532.
- Hur, S. J., Jin, S. K., Park, J. H., Jung, S. W., & Lyu, H. J. 2013. Effect of modified atmosphere packaging and vacuum packaging on quality characteristics of low grade beef during cold storage. *Asian-Australasian journal of animal sciences*, 26(12) :1781.
- International Commission on Microbiological Specifications for Foods. 1996. *Microorganisms in foods 5: Characteristics of microbial pathogens* (Vol. 5). Springer Science & Business Media. New York.
- Jay, J.M. 1978. *Modern Food Microbiology*, second Ed. Wayne State University, D. Van Nostrand co, New york.
- Jin, S. K., Kim, I. S., & Hah, K. H. 2002. Changes of pH, drip loss and microbes for vacuum packaged exportation pork during cold storage. *Korean Journal for Food Science of Animal Resources*, 22, 201–205.
- Judge, M.D., Aberle, E.D., Forrest, J.C., Hedrick, H.B. dan Merkel, R.A. 1989. *Principle of Meat Science*, 2nd ed. Kendall/Hunt Publishing Co., Dubuque, Iowa.
- Kerth, N. 2013. *Project retrospectives: a handbook for team reviews*. Addison. Wesley.
- Kralik, G., Kralik, Z., Grčević, M., & Hanžek, D. 2018. Quality of chicken meat. *Animal Husbandry and Nutrition*.
- Komansilan, S. 2015. Pengaruh penggunaan beberapa jenis filler terhadap sifat fisik chicken nugget ayam petelur afkir. *Jurnal Zootek*. 35(1) : 106-116.
- Kusumanegara, A. I., Jamhari dan Y. Erwanto. 2012. Kualitas fisik, sensoris dan kadar kolesterol nugget ampela dengan imbalanced filler tepung mocaf yang berbeda. *Buletin Peternakan*. 36(1) : 19-24
- Kurniadi, M., A. Kusumaningrum, A. Nurhikmat dan A. Susanto. 2019. Proses termal dan pendugaan umur simpan nasi goreng dalam kemasan retort pouch. *Jurnal Riset Teknologi*. 13(1) : 9-21.
- Lange J, Wyser Y. 2003. Recent innovations in barrier technologies for plastic packaging – a review. *Journal of Packaging Technology and Science*. 16: 149-158.
- Lawless, H. T., dan Heymann, H. 2010. *Sensory evaluation of food: principles and practices*. Springer Science & Business Media. New York.

- Lawrie, R.A. 1979. Meat Science. 3rd.ed Pergamon Press, Oxford.
- Lawrie, R. A. 2003. Ilmu Daging. Terjemahan A. Parakkasi. Universitas Indonesia Press. Jakarta.
- Lestarini, I. N., Anggarawati, N., Nuhriawangsa, A. M. P., & Dewanti, R. (2015). Manfaat penambahan tepung kunyit (*Curcuma domestica* Val) dan tepung jahe (*Zingiber officinale*) terhadap kualitas bakso itik afkir dengan lama penyimpanan yang berbeda. Buletin Peternakan. 39(1), 9-16.
- Lewis, Michael, and Neil Heppell. 2000. Continuous Thermal Processing of Foods: Pasteurization and UHT Sterilization. Aspen Publishers. Maryland.
- Lund, M. N., Lametsh, R., Hviid, M. S., Jensen, O. N., & Skibsted, L. H. 2007. High-oxygen packaging atmosphere influences protein oxidation and tenderness of porcine Longissimus dorsi during chill storage. Meat Science, 77:295–303
- Lorenzo, J. M., dan Gómez, M. 2012. Shelf life of fresh foal meat under MAP, overwrap and vacuum packaging conditions. Meat science, 92(4) :610-618.
- Mathew, R., Jaganathan, D., dan Anandakumar, S. 2016. Effect of vacuum packaging method on shelf life of chicken. Imperial Journal of Interdisciplinary Research. 2(10):1859-1866.
- McMillin, K. W. 2008. Where is MAP going? A review and future potential of modified atmosphere packaging for meat. Meat Science. 80: 43–65
- McKenna, D.L., Mies, P.D., Baird, B.E., Pfeiffer, K.D., Ellebracht, J.W., Savell, J.W. 2005. Biochemical and physical factors affecting discolouration characteristics of 19 bovine muscles, Meat Science. 70 (4) : 665–682.
- Meilgaard, M. C., Carr, B. T., & Civille, G. V. 2006. Sensory evaluation techniques. CRC press. Boca Raton.
- Midayanto, D., dan Yuwono, S. 2014. Penentuan atribut mutu tekstur tahu untuk direkomendasikan sebagai syarat tambahan dalam standar nasional indonesia. Jurnal Pangan dan Agroindustri. 2(4) : 259-267.
- Monday, I. E., Francis, J. I., dan Mohammad, S. U. 2014. Microbiological quality of ready-to-eat foods (rice and moimoi) sold by food vendors in Federal Polytechnic Bali, Taraba State Nigeria. Journal of Environmental Science, Toxicology And Food Technology. 8(2) : 145-149.
- Murniyati. 2009. Penggunaan retort pouch untuk produk pangan siap saji. Jurnal Squalen. 4(2) : 55-60

- Nkere, C.K., Ibe, N.I., dan Iroegbu, C.U. 2011. Bacteriological quality of foods and water sold by vendors and in restaurants in Nsuka, Enugu State, Nigeria: A comparative study of three Microbiological methods, *Journal of Heath Population and Nutrition*, 29(6): 560-566
- Nugraheni, M. 2012. *Pengetahuan Bahan Pangan Hewani*. Graha Ilmu. Yogyakarta.
- Nur, M. 2009. Pengaruh cara pengemasan, jenis bahan pengemas, dan lama penyimpanan terhadap sifat kimia, mikrobiologi, dan organoleptik sate bandeng (*Chanos chanos*). *Jurnal Teknologi dan Industri Hasil Pertanian*. 14(1) : 1-11.
- Obuz, E., Dikeman, M. E., dan Loughin, T. M. 2003. Effects of cooking method, reheating, holding time and holding temperature on beef longissimus lumborum and biceps femoris tenderness. *Meat Science*, 65, 841–851.
- Offer, G., dan P. Knight. 1988. The structural basis of water-holding in meat. Part 2: Drip losses. Pages 173–241 in: *Developments in Meat Science*. R. A. Lawrie, ed. Elsevier Applied Science, London
- Oranusi, S. U., Oguoma, O. I., Agusi, E. 2013. Microbiological quality assessment of foods sold in students cafeterias, *Global Research Journal of Microbiology*. 3(1) :1-7.
- Oyawale, F.A, dan A.E Olaoye. 2007. Design and Construction of an Autoclave. *The Pacific Journal of Science and Technology* 8 (2): 224-230.
- Pearce, K. L., Rosenvold, K., Andersen, H. J., & Hopkins, D. L. 2011. Water distribution and mobility in meat during the conversion of muscle to meat and ageing and the impacts on fresh meat quality attributes - A review. *Meat Science*, 89 : 111-124.
- Purslow, P. P., Archile-Contreras, A. C., & Cha, M. C. 2012. Meat Science and Muscle Biology Symposium: manipulating meat tenderness by increasing the turnover of intramuscular connective tissue. *Journal of Animal Science*. 90(3) : 950-959.
- Rahayu, W. P. 2001. *Penuntun Praktikum Penilaian Organik*. Institut Pertanian Bogor Press. Jawa Barat.
- Rajan, S., Kulkarni, V. V., dan Chandirasekaran, V. 2014. Preparation and storage stability of retort processed Chettinad chicken. *Journal of food science and technology*. 51(1): 173-177.
- Rajkumar V., Dushyanthan K., Das AK. 2010. Retort pouch processing of Chettinad style goat meat curry - a heritage meat product. *J Food Sci Technol*. 47(4): 372-379.

- Rouweler, J. 2015. Heat Process Values F (2nd Ed.) for several Commercial Pasteurization and Sterilization Processes: Overview, Uses, and Restrictions.
- Sajiwo AJ, Buchari D, Leksono T. 2017. Pengaruh sistem pengemasan vakum dan non vakum terhadap mutu Belut (*Monopterus albus*) asap dengan penambahan serai (*Cymbopogon citratus*) selama penyimpanan pada suhu ruang ($29\pm 3^{\circ}\text{C}$). Jurnal Online Mahasiswa Fakultas Perikanan dan Ilmu Kelautan Universitas Riau.
- Setyaningsih, D., Apriyantono, A., dan Sari, M. P. 2014. Analisis Sensori untuk Industri Pangan dan Argo. PT Penerbit IPB Press. Bogor.
- Siskos, I., Zotos, A., Melidou, S., Tsikritzi, R. 2007. The Effect of Liquid Smoking of Fillets of Trout (*Salmo Gairdnerii*) on Sensory, Microbiological and Chemical Changes During Chilled Storage. Food Chemistry 101:458–464.
- Suman, S. P., & Joseph, P. 2013. Myoglobin chemistry and meat color. Annual review of food science and technology, 4:79-99.
- Soekarto, S. 1985. Penilaian Organoleptik. Bharata Karya Aksara, Jakarta.
- Soekarto, S.T. 1990. Dasar-dasar Pengawasan dan Standarisasi Mutu Pangan. Institut Pertanian Bogor Press, Bogor.
- Soeparno. 2015. Ilmu dan Teknologi Daging. Gadjah Mada University Press. Yogyakarta.
- Soeparno., R.A. Rihastuti., Indratiningsih. Dan S. Triatmojo. 2011. Dasar Teknologi Hasil Ternak. Gadjah Mada University Press. Yogyakarta.
- Stone, H. dan Sidel, J. L. 2004. Sensory Evaluation Practices, Third Edition. Academic, San Deigo
- Stumbo, C.R. 1973. Thermobacteriology In Food Processing. 2nd edition. Academic Press. New York.
- Sucipta, I., K Surasih., P. K. D Kencana. 2017. Pengemasan Pangan Kajian Pengemasan yang Aman, Nyaman, Efektif dan Efisien. Udayana University Press. Denpasar.
- Suradi, K. 2005. Perubahan sifat fisik daging ayam broiler post mortem selama penyimpanan temperatur ruang. Jurnal Ilmu Ternak 6(1): 23-27.
- Suradi, K. 2012. Pengaruh Lama Penyimpanan Pada Suhu Ruang Terhadap Perubahan Nilai pH, TVB dan Total Bakteri Daging Kerbau (Effect of Storage Length in the Room Temperature on pH, TVB, and Total Bacteria Changes of Buffalo Meat). Jurnal Ilmu Ternak Universitas Padjadjaran, 12(2).

- Syamsir, E. 2011. Karakteristik Mutu Daging. Institut Pertanian Bogor Press. Bogor.
- Syarief R.1989. Teknologi Pengemasan Pangan [monograf]. PAU Pangan dan Gizi. IPB. Bogor.
- Syarief, R., and A. Syukri. 2007. Pengemasan Pangan. Buku Materi Pokok Universitas Terbuka. Universitas Terbuka. Tangerang.
- Szczesniak, A. S. 2002. Texture is a sensory property. Food quality and preference. 13 (4) : 215-225.
- Tarwendah, I.P. 2017. Studi komparasi atribut sensoris dan kesadaran merek produk pangan. Jurnal Pangan dan Agroindustri. 5(2): 66-73.
- Tshikantwa, T. S., Ullah, M. W., He, F., & Yang, G. 2018. Current trends and potential applications of microbial interactions for human welfare. Frontiers in microbiology. 9: 1156.
- Traore, S., Aubry, L., Gatellier, P., Przybylski, W., Jaworska, D., Kajak Siemaszko, K., & Santé-Lhoutellier, V. 2012. Higher drip loss is associated with protein oxidation. Meat Science. 90: 917–924
- Triyannanto E., K.T. Lee. 2017. Effect of sucrose stearate on the sensory-related quality of the broth and porridge of ready to eat gingseng chicken soup samyetang. Korean J. Food Sci. 37: 855-86
- Tucker, G. S., Brown, H. M., Fryer, P. J., Cox, P. W., Poole li, F. L., Lee, H. S., & Adams, M. W. W. 2007. A sterilisation time–temperature integrator based on amylase from the hyperthermophilic organism *Pyrococcus furiosus*. Innovative food science & emerging technologies. 8(1): 63-72.
- UNIDO. 2004. Small-scale Fruit dan Vegetable Procesing and Product. United Nations Industrial Development Organization. Vienna.
- Vaithiyanathan, S., Naveena, B. M., Muthukumar, M., Girish, P S., & Kondaiah, N. 2011. Effect of dipping in pomegranate (*Punica granatum*) fruit juice phenolic solution on the shelf life of chicken meat under refrigerated storage (4°C). Meat Science. 88 :409–414.
- Van Laack, R. L. J. M., dan Lane, J. L. 2000. Denaturation of myofibrillar proteins from chickens as affected by pH, temperature, and adenosine triphosphate concentration. Poultry Science. 79(1):105-109.
- Van Laack R,Liu C-H, Smith M, Loveday H.2000. Characteristics of pale, soft, exudative broiler breast meat. Poult Sci 79(7):1057-1061.
- Verma, R. P. 2017. The Science Of Poultry and Meat Processing. Random Publications. India.

- Voller-Reasonover, L., Han, I. Y., Acton, J. C., Titus, T. C., Bridges, W. C., & Dawson, P. L. 1997. High temperature processing effects on the properties of fowl meat gels. *Poultry Science*. 76(5) :774-779.
- Wibowo, S., 2009. *Budidaya Bawang Putih, Bawang Merah dan Bawang Bombay*, Penebar Swadaya, Jakarta.
- Winarno, F.G. 1993. *Kimia Pangan, Gizi, Teknologi, dan Konsumen*. Gramedia Pustaka Umum. Jakarta.
- Winarno, F.G. 1997. *Kimia pangan dan gizi*. Gramedia Pustaka Utama. Jakarta.
- Yamaguchi, N. 1990. *Vacuum packaging*. In *Food Packaging*. Academic Press. Japan
- Yam, K.L., Takhistov, P. T., Miltz, J. 2005. Intelligent packaging: Concepts and applications. *Journal Of Food Science*. 70(1): 1-10.
- Zakrys, P. I., O'Sullivan, M. G., Allen, P., & Kerry, J. P. 2009. Consumer acceptability and physiochemical characteristics of modified atmosphere packed beef steaks. *Meat Science*, 81, 720–725
- Zhang, Y. R., Wang, X. L., Zhao, G. M., & Wang, Y. Z. 2012. Preparation and properties of oxidized starch with high degree of oxidation. *Carbohydrate Polymers* 87, 2554–2562