

DAFTAR PUSTAKA

- Almatsier, S. 2010. Prinsip Dasar Ilmu Gizi. Jakarta: Gramedia Pustaka Utama.
- Amalia, G. 2012. Penetapan Kadar Lemak pada Susu Kental Manis Metode Sokletasi. Skripsi. Medan: Universitas Sumatera Utara
- Ambarsari, I., Qanyah dan Sudaryono, T. 2013. Perubahan Kualitas Susu Pasteurisasi dalam Berbagai Jenis Kemasan. *Jurnal Litbang Pertanian*.
- Andarwulan, N., Kusnandar, F. dan Herawati, D. 2011. Analisis Pangan. Dian Rakyat. Jakarta.
- Andreea-Manuela C., Csatlós, C., Bica, C. 2007. Pulsed Electric Field Processing of Liquid Foods. *Simulation of the electric field distribution between electrodes*. University of Transilvania, Brasov Romania
- Andrestian, M. D., dan Hatimah H. 2015. Daya Simpan Susu Kacang Hijau (*Phaseolus radiatus* L.) dengan Persentase Penambahan Sari Jahe Merah (*Zingiber officinale* var. *Rubrum*). *Indonesian Journal of Human Nutrition*.2(1):38-47
- Andriawan, V. dan Susilo, B. 2015. "Susu Listrik" Alat Pasteurisasi Susu Kejut Listrik Tegangan Tinggi (*Pulsed Electric Field*) Menggunakan Transformator Tegangan Tinggi dan Inverter. *Jurnal Keteknikaan Pertanian Tropis dan Biosistem*. 3(2): 199-210. 3(2), 199-210
- Anjarsari, B. 2010. *Pangan Hewani (Fisiologi Pasca Mortem dan Teknologi)*. Graha Ilmu, Yogyakarta.
- AOAC. 1970. *Official Methods Of Analysis of The Association of Official Analytical Chemists*. Association of Official Analytical Chemist. Washington, D.C.
- Aryani, T., Fitria, S. U. dan Sulistyaningsih. 2017. Studi Pengaruh Suhu Penyimpanan Terhadap Kadar Asam Lemak Omega-3 pada Air Susu Ibu (Asi). *Jurnal Keperawatan Intan Husada*, 4(1)
- Barba, F. J., Koubaa, M., do Prado-Silva, L., Orlie, V., and de Souza S, A. 2017. Mild Processing Applied to The Inactivation of The Main Foodborne Bacterial Pathogens: a Review. *Trends Food Sci. Technol.* 66, 20–35. Doi: 10.1016/j.tifs.2017.05.011
- Benget, R. dan Simanjuntak, 2013. *Pengolahan Kolagen dari Kulit Ikan Nila Merah (Oreochromis niloticus) Pengembangan Pengolahan Produk Dan Bioteknologi Kelautan Dan Perikanan*. (BBP4B-KP) Jakarta. UGM. Yogyakarta.
- Bhat, Z.F. and Bhat, H. 2011. Milk and Dairy Products as Functional Foods: A Review. *International Journal of Dairy Science*, 6(1), 1-12

- Bilek, S.E. and Bayram, S.K. 2015. Fruit Juice Production Containing Hydrolyzed Collagen. *Jurnal of Functional Foods*, 14, 562-569.
- Brooks, G. F., Carroll, K.C., Butel, J.S., and Morse. 2013. *Mikrobiologi Kedokteran*. Ed. 25. Penerbit Buku Kedokteran EGC: Jakarta
- Buckle, K. A., Edwards, R. A., Fleet, G. H., Wootton, M., dan Purnomo, H. 2019. *Ilmu pangan*. UI Press
- Chang, S. W., and Buehler, M. J. 2014. Molecular Biomechanics of Collagen Molecules. *Materials Today*, 17(2), 70-76.
- Choviya, L., dan Ika, R. 2011. Penerapan Pulsed Electric Field pada Pasteurisasi Buah Apel Varietas Ana: Kajian Karakteristik Nilai Gizi, Sifat Fisik, Sifat Kimiawi dan Mikrobial Total. *Journal of Agritech*, 31(4).
- Choviya, L.H., Susilo B., dan Jayasari E. N. 2011. Studi Komparasi Inaktivasi *Escherichia coli* dan Perubahan Sifat Fisik pada Pasteurisasi Susu Sapi Segar Menggunakan Metode Pemanasan dan Tanpa Pemanasan dengan Kejut Medan Listrik. *Jurnal Teknologi Pertanian*, 12(1), 31-39.
- Chugh, A., Khanal, D., Walkling-Ribeiro, M., Corredig, M., Duizer, L., dan Griffiths, M. W. 2014. Change In Color and Volatile Composition of Skim Milk Processed with Pulsed Electric Field and Microfiltration Treatments or Heat Pasteurization. *Foods*, 3(2), 250-268.
- Comas, D.I., Wagner, J. R., dan Tomas, M.C. 2006. Creaming Stability of Oil in Water (O/W) Emulsions: Influence of pH on Soybean Protein – Lecithin Interaction. *Food Hydrocolloids*, 20(7), 990-996.
- Craven, H. M., Swiergon, P., Ng, S., Midgely, J., Versteeg, C., Coventry, M. J., dan Wan, J. 2008. Evaluation of Pulsed Electric Field and Minimal Heat Treatments for Inactivation of Pseudomonads and Enhancement of Milk Shelf-Life. *Innovative Food Science dan Emerging Technologies*, 9(2), 211-216.
- Cregenzán-Alberti, O., Halpin, R. M., Whyte, P., Lyng, J. G., dan Noci, F. 2015. Study of The Suitability of The Central Composite Design to Predict The Inactivation Kinetics by Pulsed Electric Fields (PEF) in *Escherichia Coli*, *Staphylococcus Aureus* and *Pseudomonas Fluorescens* in Milk. *Food and Bioproducts Processing*, 95, 313-322.
- Cueva, and Olga, A. 2003. Pulsed Electric Field Influences on Acid Tolerance, Bile Tolerance, Protease Activity and Growth Characteristics of *Lactobacillus Acidophilus* La-K. *Escuela Agrícola Panamericana Zamorano*. Honduras

- Dalgleish, D. G., and Corredig, M. 2012. The Structure of The Casein Micelle of Milk and its Changes During Processing. *Annual review of food science and technology*, 3, 449-467.
- Diastari, G., A.,F., Agustina, K.K., 2013. Uji Organoleptik dan Tingkat Keasaman Susu Sapi Kemasan yang Dijual di Pasar Tradisional Kota Denpasar. *Indonesia Medicus Veterinus*. 2(4), 453-460.
- Dwitania, D. C., dan Swacita, Ida, B.N. 2013. Uji Didih, Alkohol dan Derajat Asam Susu Sapi Kemasan yang Dijual di Pasar Tradisional Kota Denpasar. 2(4) : 437 - 444
- Erizal, B. A., Setyo R.A.K., Sulistioso G.S., dan Sudirman. 2014. Pengaruh Iradiasi Gamma pada Sifat Fisiko-Kimia Kolagen dalam Larutan. *Jurnal Sains Materi Indonesia*, 15(4), 221-225.
- Fang, J., Piao, Z., Zhang, X. 2006. Study on High-voltage Pulsed Electric Fields Sterilization Mechanism Experiment. *The Journal of American Science*, 2(2), 39-4
- FAO. 2018. FAO Gateway to Dairy Production and Products. <http://www.fao.org/dairy-production-products/production/en/>. Tanggal Akses 28 Februari 2021.
- Fatimah, D. 2008. *Efektivitas Penggunaan Asam Sitrat dalam Pembuatan Gelatin Tulang Ikan Bandeng (Chanos-chanos forskal) (Kajian Variasi Konsentrasi dan Lama Perendaman)*. [Skripsi]. Universitas Negeri Malang. Malang.
- Fava, L. W., Serpa, P. B. S., Kulkamp-Guerreiro, I. C., dan Pinto, A. T. 2013. Evaluation of Viscosity and Particle Size Distribution of Fresh, Chilled and Frozen Milk of Lacaune Ewes. *Small Ruminant Research*, 113(1), 247-250.
- Gao, Y.L., Jiang H.H. 2005. Optimization of Process Conditions to Inactivate *Bacillus subtilis* by High Hydrostatic Pressure And Mild heat Using Response Surface Methodology. *Biochemical Engineering Journal*, 24;43–48
- Garcia-Amezquita L.E., Primo-Mora A.R., Barbosa-C´anovas G.V., and Sepulveda, D.R. 2009. Effect of Nonthermal Technologies on The Native Size Distribution of Fat Globules on Bovine Cheese Making Milk. *Innovative Food Science dan Emerging Technologies*, 10(4), 491-494.
- Górska-Warsewicz, H., Rejman, K., Laskowski, W., and Czczotko. 2019. Milk and Dairy Products and Their Nutritional Contribution to The Average Polish Diet. *Nutrients*, 11(8), 1771
- Guo, J., Astrup, A., Lovegrove, J.A., Gijsbers, L., Givens, D.I., and Soedamah-Muthu, S.S. 2017. Milk and Dairy Consumption and Risk of

Cardiovascular Diseases and All-Cause Mortality: Dose–Response Meta-Analysis of Prospective Cohort Studies. *The American journal of clinical nutrition*, 93(1), 158-171.

Havemose, M.S., Justesen, P., Bredie, W.L.P., and Nielsen J.H. 2007. Measurement of Volatile Oxidation Products from Milk Using Solvent-Assisted Favour Evaporation and Solid Phase Microextraction. *International Dairy Journal*, 17(7), 746-752.

Holt, J.C., dan Bergey, D.H. 1994. *Bergey's Manual of Determinative Bacteriology*, 9th ed. Baltimore: Williams and Walkins.

Hui, Y.H. 2006. *Handbook of Food Science, Technology, And Engineering*. CRC Press, New York

Ismail, D. 2012. Uji Bakteri *Escherichia coli* pada Minuman Susu Kedelai Bermerek dan Tanpa Merek di Kota Surakarta. *Naskah publikasi, Fakultas Kedokteran*. Universitas Muhammadiyah Surakarta.

Iwai, K., Hasegawa, T., Taguchi, Y., Morimatsu, F., Sato, K., Nakamura, Y., Higashi, A., Kido, Y., Nakabo, Y., and Ohtsuki, K. 2005. Identification of Food-Derived Collagen Peptides in Human Blood after Oral Ingestion of Gelatine Hydrolysates. *Journal of Agricultural and Food Chemistry*, 53(16), 6531-6536.

Jamila, S. 2006. *Daya Tahan Susu Pasteurisasi dalam Suhu Kamar*. Fakultas Peternakan, Skripsi. Universitas Hasanuddin. Makasar.

Jayarao, B.M., S.C., Donaldson, B.A., Straley, A.A., Sawant, N.V. Hegde, and J.L. Brown. 2006. A Survey of Foodborne Pathogens in Bulk Tank Milk and Raw Milk Consumption Among Farm Families in Pennsylvania. *Journal Dairy Science*, 89(7), 2451-2458.

Jeyamkondan, S., Jayas, D.S. and Holley, R.A. 2008. *Pasteurization of foods by Pulsed Electric Fields at High Voltages*. Department of Biosystems Engineering and Department of FoodScience University of Manitoba Winnipeg. Canada.

Junianto. 2006. *Produksi Gelatin dari Tulang Ikan dan Pemanfaatannya sebagai Bahan Dasar Pembuatan Cangkang Kapsul*. Fakultas Perikanan dan Ilmu Kelautan Universitas Padjadjaran.

Karim, A.A., and Bhat R. 2009. Fish Gelatin: Properties, Challenges, and Prospects As An Alternative To Mammalian Gelatins. *Food Hydrocolloid*, 23(3), 563-576.

Kenneth, Todar. 2008. *Staphylococcus aureus and Staphylococcal Disease*. <http://textbookofbacteriology.net/staph.html>. Diakses pada 23 November 2022.

- Khalifa, A.K., and Ghanimah, M. A. 2013. Studies on Fluid Milk Viscosity as Affected by Some Factors. *Journal of Biological Chemistry and Environmental Science*, 8, 57.
- Khan, I. T., Nadeem, M., Irman, M., Ayaz, M., Ellahi, Y. 2017. Antioxidant Capacity and Fatty Acids Characterization of Heat Treated Cow and Buffalo Milk. *Lipids in Health and Disease*, 16(1), 1-10.
- Kittiphattanabawon, P., Benjakul, S., Visessaguan, W., Nagai, T., Tanaka, M. 2005. Characterization Of Acidsoluble Collagen from Skin and Bone of Bigeye Snapper *Priacanthus Tayenus*. *Food Chemistry* 89(3), 363-372.
- Kulkarni, M.G., and Dalai, A.K. 2006. Waste Cooking Oil an Economical Source for Biodiesel: A Review. *Industrial dan engineering chemistry research*, 45(9), 2901-2913.
- Kulmyrzaev, A.A., Levieux, D., and Dufour, Eric. 2005. Front-Face Fluorescence Spectroscopy Allows the Characterization of *Mild heat Treatments* Applied to Milk Relations with the Denaturation of Milk Proteins. *J. Agric. Food Chem*, 53;502-507.
- Kusriningrum, R.S. 2008. *Perancangan Percobaan*. Surabaya: Airlangga University Press.
- Lehrer, J., Turley, R.K., Sather, R. 2021. The Digestive Process: What Is the Role of Your Pancreas in Digestion. Johns Hopkins Medicine *Guidelines*. USA
- Leon-Lopez, A., Perez-Marroquin, A. X., Campos-Lozada, G., Campos-Montioel, R.G., Aguirre-Alvarez, G. 2020. Characteization of Whey-Based Fermented Beverages Supplemented with Hydrolyzed Collagen: Antioxidant Activity and Bioavaibility. *Foods*, 9(8), 1106.
- Liang, Z., Cheng, Z., dan Mittal, G. S. (2006). Inactivation of Spoilage Microorganisms in Apple Cider using A Continuous Flow Pulsed Electric Field System. *LWT-Food Science and Technology*, 39(4), 351-357.
- Marbun, R. A. H. 2012. *Deteksi Salmonella enterical serotype typhi pada Bakso Yang Dijajakan Di Area Kampus Universitas Sumatera Utara*. [skripsi]. Tersedia di: <http://repository.usu.ac.id/bitstream/123456789/31283/3/Chapter%20II.pdf>. Diakses pada 06 Desember 2021.
- Matmaroh, K., Benjakul S., Prodpran T., Encarnacion A., Kishimura H. 2011. Characteristics of Acid Soluble Collagen and Pepsin Soluble Collagen From Scale of Spotted Golden Goatfish *Parupeneus heptacanthus*. *Journal Food Chemistry*. 129(3), 1179-1186.
- Maulani, A., Kusnandar, F., dan Sugiyono. 2018. Pengembangan Formula Susu Bubuk dengan Penambahan Kolagen Ikan Berdasarkan Penerimaan

Mutu Sensori. *Jurnal Mutu Pangan*. 5(2), 59-65.

McWilliams, M. 2017. *Foods Experimental Perspectives* (Eighth Ed). New Jersey: Pearson. <https://www.directtextbook.com/isbn/9780134204581>. Diakses pada 3 Januari 2022

Meilgaard, M., Civille, G.V., and Carr. B.T. 2007. *Sensory Evaluation Techniques*. Boca Raton (FL):CRC Press.

Michalac, S., Alvarez, I., and Zhang, Q.H. 2003. Inactivation of Selected Microorganisms and Properties of Pulsed Electric Field Processed Milk. *Journal of Food Processing and Preservation*, 27(2), 137-151.

Miskah, S., Ramadianti, I.M., Hanif, A. F., 2010. Pengaruh Konsentrasi CH₃COOH dan HCl Sebagai Pelarut dan Waktu Perendaman pada Pembuatan Gelatin Berbahan Baku Tulang/Kulit Kaki Ayam. *Jurnal Teknik Kimia*,17(1).

Monica, W., S., Mahatmi, H., dan Besung, H. 2013. Pola Resistensi Salmonella typhi yang Diisolasi dari Ikan Serigala *Hoplias malabaricus* terhadap Antibiotik. *Jurnal Ilmu dan Kesehatan Hewan*, 1(2), 64-69.

Morren J., Roodenburg B., and de Haan S.W.H. 2003. Electrochemical Reactions and Electrode Corrosion in Pulsed Electric Field (PEF) *Treatment Chambers*. *Innovative Food Science dan Emerging Technologies*, 4(3), 285-295.

Moussa-Ayoub, T. E., Jäger, H., Knorr, D., El-Samahy, S. K., Kroh, L. W., and Rohn, S. (2017). Impact Of Pulsed Electric Fields, High Hydrostatic Pressure, and Thermal Pasteurization on Selected Characteristics of *Opuntia dillenii cactus* Juice. *LWT Food Sci. Technol.* 79:534–542. doi: 10.1016/j.lwt.2016.10.061

Muchtadi, T.R., dan Ayustaningwarno, F. 2010. *Teknologi Proses Pengolahan Pangan Cetakan Keempat*. Penerbit Alfabeta. Bandung.

Muchtadi, T.R., dan Sugiyono, 2014. *Prinsip Proses dan Teknologi Pangan*. Penerbit Alfabeta. Bandung.

Mudiarti, T.B., 1997. Teknik Deteksi Residu Antimikroba dalam Produk Peternakan. Seminar Nasional Peternakan dan Veteriner. Bogor: *Veterinary Research Center*.

Murdiati, T.B., A. Priadi, S. Rachmawati dan Yuningsih. 2004. Susu Pasteurisasi dan Penerapan HACCP (Hazard Analysis Critical Control Point). *Jurnal Ilmu Ternak dan Veteriner*, 9(3), 172-180.

Muslim, C., Hawa, L.C., dan Argo, B.D. 2012. Pasteurisasi *Non-Termal* pada Susu Sapi Segar untuk Inaktivasi Bakteri *Staphylococcus aureus* Berbasis *Pulse Electric Field* (PEF). *Jurnal Keteknik Pertanian Tropis dan*

Biosistem, 1(1), 35-49.

- Najafian, L.; and Babji, A.A. 2012. Review Of fish-Derived Antioxidant And Antimicrobial Peptides: Their Production, Assessment, And Applications. *Peptides*, 33(1), 178-185.
- Newton. A. E, Fairbanks. A. J, Golding. M, Andrewes. P., and Gerrard. J. A. 2012. The Role of The Maillard Reaction in The Formation of Flavour Compounds in Dairy Products – Not Only A Deleterious Reaction But Also A Rich Source of Flavour Compounds. *Food and Function*, 3(12), 1231-1241
- Ogawa, M., Portier, R.J., Moody, M.W., Bell, J., Schexnayder, M.A., and Losso, J.N. 2004. Biochemical Properties Of Bone And Scales Collagen Isolated From The Subtropical Fish Black Drum (*Pogonia cromis*) And Sheepshead Seabream *Archosargus probatocephalus*. *Journal Food Chemistry*, 88(4), 495-501.
- Ondusko, D.S., and Nolt, D., 2018. *Staphylococcus aureus*. *Pediatr. Rev.* 39, 287–298. <https://doi.org/10.1542/pir.2017-0224>.
- Parenteau, R., Gauvin, R., and Berthod, F. 2010. Review Collagen-Based Biomaterials for Tissue Engineering Applications. *Materials*. 3(3), 1863-1887.
- Perwitasari, D. S. 2009. Hidrolisis Tulang Sapi Menggunakan Hcl Untuk Pembuatan Gelatin. *Makalah Seminar Nasional Soebardjo Brotohardjono*.
- Priyanto, A. D., Wicaksono, L. A., dan Putranto, A. W. (2021). Pengaruh Suhu dan Waktu Pre-Heating pada Kualitas Fisik, Total Mikroba dan Organoleptik Susu Kolagen Sapi yang Dipasteurisasi Menggunakan Pulsed Electric Field. *Jurnal Keteknik Pertanian Tropis dan Biosistem*, 9(2), 141-153.
- Proksch, E., Segger, D., Degwert, J., Schunck, M., Zague, V., and Oesser, S. 2014. Oral Supplementation Of Specific Collagen Peptides Has Beneficial Effects On Human Skin Physiology: A Double-Blind, Placebo-Controlled Study. *Skin pharmacology and physiology*, 27(1), 47-55.
- Purwatinigrum, I., Fithri, C.N., Sudarminto, S.Y., dan Vivien, F. 2015. Karakteristik Rheologi Susu pada Berbagai Proses Pengolahan. *Jurnal Teknologi Pertanian*, 16(3), 173-178.
- Quass, D.W. 1997. Pulsed Electric Field Processing in the Food Industry. A Status Report on Pulsed Electric Field. Palo Alto, CA. *Electric Power Research Institute*.
- Reineccius, G. A. 2006. Flavor Chemistry and Technology, 2nd ed : CRC Press : Boca Raton, FL.

- Riener, J., Noci, F., Cronin, D.A., Morgan, D.J., and Lyng, J.G., 2009. Characterization of volatile compounds generated in milk by high-intensity ultrasound. *International Dairy Journal*, 19(4), 269-272.
- Rohman, A., dan Sugeng, R. 2005. Aktivitas Antioksidan Ekstrak Buah Mengkudu (*Morinda citrifolia*, L). *Agritech* 25
- Rosida, D.F. 2018. Reaksi Maillard: mekanisme dan peran dalam pangan dan kesehatan. *Yayasan Humaniora Yogyakarta*.
- Safitri, M. F., dan Swarastuti, A. 2013. Kualitas kefir berdasarkan konsentrasi kefir grains. *Jurnal Aplikasi Teknologi Pangan*, 2(2), 87-92.
- Sakkas, L., Moutafi, A., Moschopoulou, E., and Moatsou, G. 2014. Assessment of Heat Treatment of Various Types of Milk. *Journal Food Chemistry*, 159, 293-301.
- Saxelin, M., Korpela, R., and Mayra-Makinen, A. 2003. Introduction: classifying functional dairy products. In: Mattila-Sandholm T, Saarela M, editors. *Functional dairy foods*. Boca Raton, FL, USA.: CRC Press;
- Silalahi, R. L.R, Sari, D. P., Dewi, I. A. 2017. Pengujian Free Fatty Acid (FFA) dan Colour untuk Mengendalikan Mutu Minyak Goreng Produksi PT. XYZ. *Jurnal Teknologi dan Manajemen Agroindustri*, 6(1), 41-50.
- Singh P, Benjakul S, Maqsood , S., and Kishimura, H. 2010. Isolation And Characterization of Collagen Extracted from the Skin of Striped Catfish *Pangasianodon hypophthalmus*. *Journal Food Chemistry* 124: 97-105.
- Siskawardani, D.D. 2012. Pengaruh Konsentrasi Na-CMC (Natrium – Carboxymethyle Cellulose) dan Lama Sentrifugasi Terhadap Sifat Fisik Kimia Minuman Asam Sari Tebu(*Saccharum Officinarum*). Skripsi. Fakultas Pertanian. Universitas Brawijaya Malang.
- Sumbono, A., 2011. Efek Perlakuan Asam dan Basa Terhadap Rendemen dan Sifat Fisik Gelatin Ikan Kakap Merah *Lutjanus campechanus* dari Perairan Laut Papua. ITS: Surabaya. <http://digilib.its.ac.id/public/>, diakses tanggal 21 Desember 2011.
- Sun, D. 2008. Modern Technique for Food Authentication. Kanada : Elsevier Inc.
- Suryani, S., Soemarno, S Dan Suharjo, S. 2013. Pengaruh Suhu dan Ph Terhadap Laju Pertumbuhan Lima Isolat Bakteri Anggota Genus *Pseudomonas* Yang Diisolasi Dari Ekosistem Sungai Tercemar Deterjen Di Sekitar Kampus Universitas Brawijaya. *Jurnal Pembangunan dan Alam Lestari*, 4(1).
- Suwito W., 2010. Bakteri Yang Sering Mencemari Susu : Deteksi Patogenesis, Epidemiologi, dan Cara Pengendaliannya. *Jurnal Litbang Pertanian*,

29(3), 96-100.

- Takemori, T., Yasuda, H., Mitsui, M., Shimizu, H. 2007. Collagen Containing Food and Drink. United States Patent Application : US 0009638 A1.
- Tamime, A.Y. 2009. Milk Processing and Quality Management. Blackwell Publishing Ltd. United Kingdom. USA.
- Tjahjadi, C. dan Marta. 2011. Pengantar Teknologi Pangan. Bandung: Universitas Padjajaran.
- Tubagus, R.A., Chairunnissa, H., dan Balia R.L. 2018. Karakteristik Fisik dan Kimia Nata de Milko dari Susu Substandar dengan Variasi Lama Inkubasi. *Jurnal IJA FOR: Indonesia Journal of Agricultural and Food Research*, 2(1).
- Van Heesch, B., Pemen, G.A.J.M., dan Huijbrechts, P. 2004. A fast pulsed power source, applied to *treatment* of conducting liquids. *IEEE Transaction on Plasma Science*.
- Walrand, S., Chiotelli, E., Noirt, F., Mwewa, S., and Lassel, T. 2008. Consumption of A Functional Fermented Milk Containing Collagen Hydrolysate Improves The Concentration of Collagen Specific Amino Acids in Plasma. *Journal of Agricultural and Food Chemistry*, 56(17), 7790-7795.
- Walter, L., Knight, G., Sieh, Y., Ng. and Buckow, R. 2016. Kinetic models for pulsed electric field and thermal inactivation of *Escherichia coli* and *Pseudomonas fluorescens* in whole milk. *International Dairy Journal*, 57, 7-14.
- Wardana, A.S. 2012. Teknologi Pengolahan Susu. Surakarta: Universitas Slamet Riyadi.
- Widyani, R., dan Suciati, T. 2008. Prinsip Pengawetan Pangan Ed. Tahun 2008. Cirebon : Penerbit Swagati Press.
- Winarno, F.G. dan Surono. 2002. GMP Cara Pengolahan Pangan yang Baik. M-Brio Press. Bogor.
- Yang, R., Zhang, S., Zhao, W., Hua, X., Zhang, W. 2011. Influence of Pulsed Electric Field *Treatments* on the Volatile Compounds of Milk in Comparison with Pasteurized Processing. *Journal of Food Science*, 76(1), C127-C132.
- Yu, L. J., Ngadi, M., dan Raghavan, G. S. V. 2009. Effect of temperature and pulsed electric field *treatment* on rennet coagulation properties of milk. *Journal of Food Engineering*, 95(1), 115-118.
- Zeuthen, P and Sorensen, L.B. 2003. Food Preservation Techniques. CRC Press. North America.

