

DAFTAR PUSTAKA

- Adha, N., H. M. Aliand, M. I. Said. 2018. Antioxidant activity of sausage by seasoning galangal (*Alpinia galanga* L.) and lemongrass (*Cymbopogon citratus*). AENSI Publications. 12(10): 9-11.
- Amir, S. 2014. Pengaruh Konsentrasi Garam dan Lama Penyimpanan Terhadap Kandungan Protein dan Kadar Garam Telur Asin. Skripsi. Program Studi Fakultas Kesehatan Masyarakat. Universitas Hasanuddin. Makassar.
- Andriani, N., I. Thohari, L. E. Radiati. 2014. Pengaruh lama fermentasi terhadap kualitas tepung telur *pan drying* ditinjau dari nilai pH, daya larut dan kadar protein terlarut. Universitas Brawijaya. Malang. Pp: 1-6.
- Anonim. 2010. Tepung telur, ikan asin, aneka ikan pindang, bandeng presto (duri lunak), *chicken nugget*. Tekno Pangan dan Agroindustri. 1(8): 105-110.
- AOAC. 1984. Official Methods of Analysis. Association of Official Analytical Chemist Inc. Washington DC.
- AOAC. 2002. Official Methods of Analysis 16th Edition. Association of Official Analytical Chemist Inc. Washington DC.
- Assis, T. F., E. E. G. rojas, C. J. F. Souza, A. D. G. Zuniga, N. R. Melo. 2010. Solubility of egg yolk proteins: modelling and thermodynamic parameters. European Food Research and Technology. 231: 745-750.
- Badan Standardisasi Nasional. 1992. SNI 01-2897-1992 Metode Pengujian Cemarkan Mikroba. Badan Standarisasi Nasional. Jakarta.
- Badan Standarisasi Nasional. 1996. SNI 01-4277-1996 Telur Asin. Badan Standarisasi Nasional. Jakarta.
- Badan Standarisasi Nasional. 2008. SNI 3926:2008 Telur Ayam Konsumsi. Badan Standarisasi Nasional. Jakarta.
- Bahri, S. 2013. Tepung lengkuas sebagai adsorber untuk meningkatkan mutu minyak kopra. Jurnal Teknologi Kimia Unimal. 1(2): 49-62.
- Chi, S. P., dan K. H. Tseng. 1998. Physicochemical properties of salted pickled yolks from duck and chicken eggs. Journal of Food Science. 63: 27-30.

- Chouni, A., S. Paul. 2018. A review on phytochemical and pharmacological potential of *Alpinia galanga*. *Pharmacognosy Journal*. 10(1): 9-15.
- Deeth, H.C., C. H. F. Gerald. 2006. *Advanced Dairy Chemistry Volume 2: Lipids* 3rd Edition. Springer. New York.
- Djaelani, M. A. 2017. Kandungan lemak telur, indeks kuning telur dan susut bobot telur puyuh Jepang (*Coturnix-coturnix japonica* L.) setelah dicuci dan disimpan selama waktu tertentu. *Buletin Anatomi dan Fisiologi*. 2(2): 205-210.
- Fauziah, C. I., A. H. Zaibunnisa, H. Osman, W. M. A. Wan. 2016. Physicochemical analysis of cholesterol-reduced egg yolk powder and its application in mayonnaise. *International Food Research Journal*. 23(2): 575-582.
- Ghazei, S., M. Mizani, Z. P. Vanak, M. Alimi. 2015. Particle size and cholesterol content of mayonnaise formulated by OSA-modified potato starch. *Food Science and Technology, Campinas*. 35(1): 150-156.
- Gibson, M., P. Newsham. 2018. *Food Science and The Culinary Arts Chapter 16: Lipids, Oil, Fats and Extracts*. Academic Press. London, United Kingdom.
- Gonzalez, F. P. S. 2017. The Effect of Storage Temperature and Time on The Quality of Spray Dried Egg Powder. Thesis. The School of Nutrition and Food Sciences. Louisiana State University. Louisiana, United States.
- Guo, M. 2016. Storage Stability Study of A Commercial Spray-Dried Hen Egg Yolk Powder. Thesis. Faculty of University of Minnesota. Minneapolis, United States.
- Gupta, R. B. 2004. Effect of Cyclodextrins in The Flavour of Goat Milk and Its Yoghurt. Thesis. Faculty of Technology. Auckland University. Auckland, New Zealand.
- Harlina, P. W., R. Shahzad, M. Ma, N. Wang, N. Qiu. 2019. Effects of galangal extract on lipid oxidation, antioxidant activity and fatty acid profiles of salted duck eggs. *Journal of Food Measurement and Characterization*. 13: 1820-1830.
- Henney, J. E., C. L. Taylor, C. S. Boon. 2010. *Strategies to Reduce Sodium Intake in The United States*. National Academies Press. Washington DC.

- Kaewmanee, T., S. Benjakul, dan W. Visessanguan. 2009. Changes in chemical composition, physical properties and microstructure of duck egg as influenced by salting. *Food Chemistry*. 112: 560-569.
- Kaufman, I. J. 2017. The Recovery of Protein From Egg Yolk Protein Extraction Granule By Product. Thesis. Faculty of California Polytechnic State University. United States.
- Klimes, J., D. R. Bowler, A. Michaelides. 2013. Understanding the role of ions and water molecules in the NaCl dissolution process. *Journal of Chemical Physics*. 139: 1-10.
- Koswara, S. 2009. Teknologi Pengolahan Telur. eBookPangan.com. Indonesia.
- Kumar, S., A. K. Pandey. 2013. Chemistry and biological activities of flavonoids: an overview. *The Scientific World Journal*. Pp:1-17.
- Kurniawan, M. A., I. Thohari, L. E. Radiati. 2015. Pengaruh penambahan sari temulawak (*Curcuma xanthorrhiza* Roxb.) terhadap kadar asam lemak bebas (FFA), pH, dan kadar kurkumin pada telur asin. *Jurnal Ilmu-Ilmu Peternakan*. 25(1): 8-15.
- Lai, K. M., W. H. Chung, C. L. Jao, K. C. Hsu. 2010. Oil exudation and histological structures of duck egg yolks during brining. *Poultry Science*. 898: 738-744.
- Lattanzio, V. 2013. Phenolic Compounds: Introduction. Springer-Verlag. Berlin, Germany.
- Lehninger. 1990. Dasar-Dasar Biokimia Jilid 1. Alih bahasa oleh Maggy Thenawidjaja. Erlangga. Jakarta.
- Liu, L. Y., M. H. Yang, J. H. Lin, M. H. Lee. 2005. Lipid profile and oxidative stability of commercial egg products. *Journal of Food and drug Analysis*. 13(1): 78-83.
- Mahae, N., S. Chaiseri. 2009. Antioxidant activities and antioxidative components in extracts of *Alpinia galanga* (L.) Sw. *Natural Science*. 43: 358-369.
- Mine, Y. 2008. Egg Bioscience and Biotechnology. Department of Food Science University of Guelph. Wiley-interscience A John Wiley & Sons, Inc., Publication.
- Ndife, J., Udobi, C. Ejikeme, N. Amaechi. 2010. Effect of oven drying on the functional and nutritional properties of whole egg and its components. *African Journal of Food Science*. 4(5): 254-257.

- Novidar, R., Rastina, Razali. 2018. Perbedaan lama penyimpanan telur itik asin mentah terhadap jumlah *Pseudomonas* sp. Jurnal Ilmiah Mahasiswa Veteriner. 2(3): 311-317.
- Nurliyani, A. Hartawan, Y. A. Nugroho, Indratiningsih. 2015. The characteristic of salted chicken and duck egg by using traditional roasting. The 6th International Seminar on Tropical Animal Production Integrated Approach in Developing Sustainable Tropical Animal Production. Yogyakarta, Indonesia. pp: 738-742.
- Nys, Y., M. Bain, F. V. Immerseel. 2011. Improving The Safety And Quality of Eggs And Egg Products Volume 1: Egg chemistry, production and consumption. Woodhead Publishing Limited. UK.
- Olayemi, F. F., A. R. Ade, G. I. Abel, C. O. Adetunji, O. C. Ogunjirin. 2015. Effect of drying temperature on the proximate composition and sensory attributes of chicken egg. Journal of Agricultural Research and Development. 14(2): 47-55.
- Paananen, O. 2017. Effects of Changes in Production on Stability of Mayonnaise. Thesis. Technology University of Turku Department of Biochemistry. Finland.
- Palamutoglu, R., C. Kasnak. 2019. Antioxidant activity of galangal powder and the effect of addition on some quality characteristic of meatball. Manas Journal of Engineering. 7(2): 136-140.
- Pawar, D. P., R. M. Das, V. K. Modi. 2012. Quality characteristic of dehydrated egg yolk paneer and changes during storage. Journal Food Science and Technology. 49(4): 475-481.
- Peter, K, V. 2004. Handbook of Herbs and Spices Volume 2. Woodhead Publishing Limited. England.
- Pintro, P. T. M., A. E. Murakami, A. C. P. Vital, C. Croge, D. F. Silva, I. C. O. Roja, A. F. Q. G. Guerra. 2017. Effects of storage time and temperature on lipid oxidation of egg powders enriched with natural antioxidants. Food Chemistry. 228:463-468.
- Purwanto, M. G. M. 2014. Perbandingan analisa kadar protein terlarut dengan berbagai metode spektroskopi uv-visible. Jurnal Ilmiah Sains dan Teknologi. 7(2): 64-71.
- Ratu, R. N., M. G. Usturoi, A. Albu. 2015. Quality of powder egg stored in different conditions. Scientific Papers-Animal Acience Series. 63:122-127.
- Saeauing, W, A. Laoharatanahirun, A. Boonyaprapasorn dan A. Thipayarat. 2010. Novel processing of salted yolk production using separated

yolk brining methodology. Food Innovation Asia Conference: Indigenous Food Research and Development to Global Market, June 17-18, BITEC, Bangkok, Thailand.

- Said, M. I., J. C. Likadja, Asteria. 2015. Karakteristik tepung telur ayam ras yang difermentasi dengan ragi tape secara aerob. Jurnal Techno Universitas Khairun Ternate. Pp: 1-10.
- Sayuti, K., R. Yenrina. 2015. Antioksidan Alami dan Sintetik. Andalas University Press. Padang.
- Stadelman, W. J., dan O. J. Cotterill. 1995. Egg Science and Technology Fourth Edition. The Haworth Press. New York.
- Sudarmadji, S., B. Haryono, dan Suhardi. 1997. Prosedur Analisa untuk Bahan Makanan dan Pertanian Edisi keempat. Penerbit Liberty. Yogyakarta.
- Sukma, A. W., A. Hintono, B. E. Setiani. 2012. Perubahan mutu hedonik telur asin sangrai selama penyimpanan. Animal Agriculture Journal. 1(1): 585-598.
- Sumpono, H. D. Putri, L. R. Sari. 2017. Uji aktivitas antibakterial dan antioksidan asap cair cangkang buah karet (*Hevea brassiliensis*) serta implementasinya sebagai pengawet dan penghambat ketengikan daging. Prosiding Seminar Nasional Kimia UNY. Yogyakarta.
- Tang, K. S. 2000. The Effects of pH and Dilution Pretreatments and Removal of Water-Soluble Components on The Functional Properties of Spray-Dried Egg Yolk Powder. Thesis. The Faculty of Graduate Studies Department of Food Science. The University of British Columbia. Vancouver, Canada.
- Triyono A. 2010. Mempelajari pengaruh penambahan beberapa asam pada proses isolasi protein terhadap tepung protein isolat kacang hijau (*Phaseolus radiatus* L.). Seminar Rekayasa Kimia Dan Proses. Semarang. Pp: 1-9.
- Tungady, J. M., F. Fatimah, V. Kamu. 2019. Pengaruh suhu kadar garam dan waktu pengolahan bakasang ikan cakalang (*Katsuwonus pelamis*) terhadap parameter *thiobarbituric acid* (TBA). Jurnal Bioslogos. 9(2): 55-61.
- Wang, T. H. 2017. Salting yolks directly using fresh duck egg yolks with salt and maltodextrin. Journal of Poultry Science. 54(1): 97-102.
- Waziroh, E., D.Y. Ali dan N. Istianah. 2017. Proses Termal pada Pengolahan Pangan. UB Media. Malang.

- Wei, L. J., A. F. M. Alkarkhi, N. Huda. 2019. Physicochemical properties of egg yolk powder from eggs of different types of bird. *International Journal on Advanced Science Engineering Information Technology*. 9(1): 373-378.
- Xu, L., Y. Zhao, M. Xu, Y. Yao, X. Nie, H. Du, Y. Tu. 2017. Effects of salting treatment on the physicochemical properties, textural properties, and microstructures of duck eggs. *Plos One*. 12(8): 1-17.
- Yang, X., R. A. Boyle. 2016. *Oxidative Stability and Shelf Life of Foods Containing Oils and Fats*. Academic Press and AOCS Press. USA.
- Zayas, J. F. 1997. *Functionally of Protein in Foods*. Springer. Berlin.