

BIBLIOGRAPHY

- Abidin, A.Z., Devi, C., and Adeline. 2013. Development of wet noodles based on cassava flour. *Journal of Engineering and Technological Sciences* 45 (1): 97-111.
- Ahmed, I., Qazi, I.M., Li, Z., and Ullah, J. 2016. Rice Noodles: Materials, Processing and Quality Evaluation. *Proceedings of the Pakistan Academy of Science: B. Life and Environmental Science* 53 (3): 215-238.
- AOAC. 2005. *Official Method of Analysis of the Association of Analytical Chemists 18th Edition*. Washington DC: AOAC.
- Badan Pusat Statistik. 2020. Luas Panen dan Produksi Padi di Indonesia 2019. Accessed on July 2, 2020.
- Badan Standardisasi Nasional (BSN). 2009. Tepung Beras. *Standar Nasional Indonesia SNI 3549:2009*. Jakarta: Badan Standardisasi Nasional.
- Badan Standardisasi Nasional (BSN). 2008. Telur Ayam Konsumsi. *Standar Nasional Indonesia SNI 3926:2008*. Jakarta: Badan Standardisasi Nasional.
- Badan Standardisasi Nasional (BSN). 2015. Beras. *Standar Nasional Indonesia SNI 6128:2015*. Jakarta: Badan Standardisasi Nasional.
- Badan Standardisasi Nasional (BSN). 2015. Mi Kering. *Standar Nasional Indonesia SNI 8217:2015*. Jakarta: Badan Standardisasi Nasional.
- Barak, S., Mudgil, D., and Khatkar, B.S. 2014. Effect of compositional variation of gluten proteins and rheological characteristics of wheat flour on the textural quality of white salted noodles. *International Journal of Food Properties* 17 (4): 731-740.
- Billina, A., Waluyo, S., and Suhandy, D. 2014. Kajian sifat fisik mie basah dengan penambahan rumput laut. *Jurnal Teknik Pertanian Lampung* 4 (2): 109-116.
- Biyumna, U.L., Windrati, W.S., and Diniyah, N. 2017. Karakteristik mie kering terbuat dari tepung sukun (*Artocarpus altilis*) dan penambahan telur. *Jurnal Agroteknologi* 11 (1): 23-34.
- Bretz, F., Hothorn, T., and Westfall, P. 2011. *Multiple Comparison using R*. Boca Raton: CRC Press.
- Brown, A. 2014. *Understanding Food: Principles and Preparation, Fifth Edition*. United States of America: Cengage Learning.
- Cahyadi, W. 2012. *Bahan Tambahan Pangan: Edisi Kedua*. Jakarta: Bumi Aksara.

- Chandra, M.V. and Shamasundar, B.A. 2013. Texture profile analysis and functional properties of gelatin from the skin of three species of fresh water fish. *International Journal of Food Properties* 18 (3): 572-584.
- Charles, A.L., Chang, Y.H., Ko, W.C., Sriroth, K., and Huang, T.C. 2005. Influence of amylopectin structure and amylose content on gelling properties of five cultivars of cassava starches. *Journal of Agriculture and Food Chemistry* 53: 2717-2725.
- Chen, Z., Sagis, L., Legger, A., Linssen, J.P.H., Schols, H.A. and Voragen, A. G. J. 2002. Evaluation of starch noodles made from three typical Chinese sweet-potato starches. *Journal of Food Science* 67 (9): 3342-3347.
- Chen, Z., Schols, H.A., and Vorgaren, A.G.J. 2003. Starch granule size strongly determines starch noodle processing and noodle quality. *Journal of Food Science* 68 (5): 1584-1589.
- Damayanthi, E. and Listyorini, D.I. 2006. Pemanfaatan tepung bekatul rendah lemak pada pembuatan keripik simulasi. *Jurnal Gizi dan Pangan* 1 (2): 34-44.
- Dessuara, C.F., Waluyo, S., and Novita, D.D. 2015. Pengaruh tepung tapioka sebagai bahan substitusi tepung terigu terhadap sifat fisik mie herbal basah. *Jurnal Teknik Pertanian Lampung* 4 (2): 81-90.
- Diniyah, N., Setiawati, D., Windrati, W.S., and Subagio A. 2017. Karakterisasi mi Mojang (mocaf-jagung) dengan perbedaan jenis dan konsentrasi bahan pengikat. *Jurnal Penelitian Pascapanen Pertanian* 14 (2): 98-107.
- Direktorat Gizi Departemen Kesehatan RI. 1996. *Daftar Komposisi Zat Gizi Pangan Indonesia*. Jakarta: Departemen Kesehatan RI.
- Dwiwangsa, N.P. 2014. Pemanfaatan Tepung Beras (*Oryza sativa* L.) dan Gum Xanthan sebagai Bahan Baku Roti Tawar Non Gluten. Bachelor's Thesis, Universitas Pasundan.
- Ergun, R., Guo, J., and Hubner-Keese, B. 2016. Cellulose. *Encyclopedia of Food and Health*. Edited by Benjamin Caballero, Paul Finglas, and Fidel Toldra. United States of America: Academic Press.
- Foo, W.T., Yew, H.S., Liong, M.T., and Azhar, M.E. 2010. Influence of formulations on textural, mechanical and structural breakdown properties of cooked yellow alkaline noodles. *International Food Research Journal* 18 (4): 1295-1301.
- Ganasen, P. and Benjakul, P.S. 2010. Physical properties and microstructure of pidan yolk as affected by different divalent and monovalent cations. *LWT-Food Science and Technology* 43 (1): 77-85.

- Gulia, N., Dhaka, V., and Khatkar, B. 2014. Instant noodles: processing, quality, and nutritional aspects. *Critical Reviews in Food Science and Nutrition* 54 (10): 1386-1399.
- Hager, A.S., Lauck, F., Zannini, E., and Arendt, E.K. 2012. Development of gluten-free fresh egg pasta based on oat and teff flour. *European Food Research and Technology* 235 (5): 861-871.
- Hasenhuettl, G.L. 2019. Overview of Food Emulsifiers. *Food Emulsifiers and Their Applications: Third Edition*. Edited by Gerard L. Hasenhuettl and Richard W. Hartel. Switzerland: Springer.
- Hou, G.G., Otsubo, S., Okusu, H., and Shen, L. 2010. Noodle Processing Technology. *Asian Noodles: Science, Technology, and Processing*. Edited by Gary G. Hou. New Jersey: John Wiley & Sons, Inc.
- Imaningsih, N. 2012. Profil gelatinisasi beberapa formulasi tepung-tepungan untuk pendugaan sifat pemasakan. *Jurnal Panel Gizi Makan* 35 (1): 12-13.
- Indrianti, N., Kumalasari, R., Ekafitri, R., and Darmajana, D.A. 2013. Pengaruh penggunaan pati ganyong, tapioca, dan mocaf sebagai bahan substitusi terhadap sifat fisik mie jagung instan. *AGRITECH* 33 (4): 391-398.
- Juliano, B.O. and Tuano, A.P.P. 2018. Gross structure and composition of the rice grain. *Rice: Chemistry and Technology, Fourth Edition*. Edited by Jinsong Bao. United Kingdom: Woodhead Publishing.
- Kamolchote, S., Seng, T.T., Gonzales, J., and Hou, G.G. 2010. Quality Assurance Programs for Instant Noodle Production. *Asian Noodles: Science, Technology, and Processing*. Edited by Gary G. Hou. New Jersey: John Wiley & Sons, Inc.
- Kasapis, S. 2009. Developing minced fish products of improved eating quality: an interplay of instrumental and sensory texture. *International Journal of Food Properties* 12: 11-26.
- Kasma, K. 2011. "Analisi kualitatif dan kuantitatif penggunaan formalin pada mie aceh yang beredar di pasar gampoeng baroe." Bachelor's Thesis, Universitas Muhammadiyah Aceh.
- Kraithong, S., Lee, S., and Rawdkuen, S. 2019. The influence of hydrocolloids on the properties organic red jasmine rice noodles, namely on antioxidant activity, cooking, texture, and sensory properties. *Starch* 71 (1-2): 1-9.
- Kurniawati, R.D. 2006. Penentuan Desain Proses dan Formulasi Optimal Pembuatan Mi Jagung Basah Berbahan Dasar Pati Jagung dan Corn Gluten Meal (CGM). diss., Institut Pertanian Bogor.

- Larasati, S. 2015. Eksperimen Pembuatan Mi Kering Tepung Terigu Substitusi Ubi Jalar Kuning dengan Penambahan Tepung Temulawak. Bachelor's Thesis, Universitas Negeri Semarang.
- Lestari, S. and Susilawati, P.N. 2015. Uji organoleptik mie basah berbahan dasar tepung talas beneng (*Xantoshoma undipes*) untuk meningkatkan nilai tambah bahan pangan lokal banten. *Prosiding Seminar Nasional Masyarakat Biodiversity Indonesia*: 941-946.
- Merdiyanti, A. 2008. Paket Teknologi Pembuatan Mie Kering dengan Memanfaatkan Bahan Baku Tepung Jagung. diss., Institut Pertanian Bogor.
- Mojiono, Nurtama, B., and Budijanto, S. 2016. Pengembangan mi bebas gluten dengan teknologi ekstruksi. *PANGAN* 25 (2): 125-136.
- Monaco, R.D., Cavella, S., and Masi, P. 2007. Predicting sensory cohesiveness, hardness, and springiness of solid foods from instrumental measurements. *Journal of Texture Studies* 39: 129-149.
- Muhandri, T. 2012. Mekanisme proses pembuatan mi berbahan baku jagung. *Buletin Teknologi* 8 (2): 71-79.
- Muhardi, T., Subarna, Taqi F.M., Nurtama, B., and Jayadi M.A.R. 2018. Karakteristik mutu mi jagung dengan penambahan telur dan emulsifier. *Seminar Nasional Universitas Pasir Pengaraian* 1 (1): 427-437.
- Mulyadi, A.F., Wijaya, S., Dewi, I.A., and Putri, W.A. 2014. Karakteristik organoleptik produk mie kering ubi jalar kuning (*Ipomoea batatas*) (kajian penambahan telur dan CMC). *Jurnal Teknologi Pertanian* 15 (1): 25-36.
- Murray, J.C.F. 2009. Cellulosics. *Handbook of Hydrocolloids*. Edited by G. O. Phillips and P. A. Williams. Boca Raton: CRC Press.
- Mutters, R.G. and Thompson, J.F. 2009. *Rice Quality Handbook*. California: The Regents of the University of California Agriculture and Natural Resources.
- Nouri, L., Nafchi, A.M., and Karim, A.A. 2015. Mechanical and sensory evaluation of noodles incorporated with betel leaf extract. *International Journal of Food Engineering* 11 (2): 221-227.
- Parimala, K.R. and Sudha, M.L. 2012. Effect of hydrocolloids on the rheological, microscopic, mass transfer characteristics during frying and quality characteristics of *puri*. *Food Hydrocolloids* 27 (1): 191-200.
- Purwandari, U., Khoiri, A., Muchlis, M., Noriandita, B., Zeni, N.F., Lisdayana, N., and Fauziyah, E. 2014. Textural, cooking quality, and sensory evaluation of gluten-free noodle made from breadfruit, konjac, or pumpkin flour. *International Food Research Journal* 21 (4): 1623-1627.

- Putra, S.N. 2008. "Optimalisasi Formula dan Proses Pembuatan Mi Jagung dengan Metode Kalendering." Bachelor's Thesis, Institut Pertanian Bogor.
- Ram, S. and Mishra, B. 2010. *Cereals: Processing and Nutritional Quality*. New Delhi: New India Publishing Agency.
- Ratnawati, I. 2003. "Pengayakan kandungan β -karoten mie ubi kayu dengan tepung labu kuning (*Curcubita maxima Dutchenes*)." Bachelor's Thesis, Universitas Gajah Mada.
- Ratnawati, L. and Afifah, N. 2018. Pengaruh penggunaan *guar gum*, *carboxymethylcellulose* (CMC) dan karagenan terhadap kualitas mi yang terbuat dari campuran mocaf, tepung beras, dan tepung jagung. *Pangan* 27 (1) 43-54.
- Robertson, G.L. 2012. *Food Packaging: Principles and Practice Third Edition*. Boca Raton: CRC Press.
- Rosida, R. 2013. Mi dari Tepung Komposit dan Penambahan Telur. Jurusan Teknologi Pangan: FT UPN Veteran.
- Rosmeri, V.I. and Monica, B.N. 2013. "Pemanfaatan tepung umbi gadung (*Dioscorea hispida Dennst*) dan tepung mocaf (*modified cassava flour*) sebagai bahan substitusi dalam pembuatan mie basah, mie kering dan mie instan." Bachelor's Thesis, Universitas Diponegoro.
- Rusalim, M.M., Tamrin, and Gusnawaty. 2017. Analisis sifat fisik mayonnaise berbahan dasar putih telur dan kuning telur dengan penambahan berbagai jenis minyak nabati. *Jurnal Sains dan Teknologi Pangan* 2 (5): 770-778.
- Safriani, N., Moulana, R., and Ferizal. 2013. Pemanfaatan pasta sukun pada pembuatan mi kering. *Jurnal Teknologi dan Industri Pertanian Indonesia* 5 (2): 17-24.
- Sahin, S. and Sumnu, S.G. 2006. *Physical Properties of Foods*. United States of America: Springer.
- Silvira, H.H. and Fauzia, L. 2014. Analisis faktor-faktor yang mempengaruhi produksi padi sawah (studi kasus: Desa Medang, Kecamatan Medang Deras, Kabupaten Batu Bara). *Journal of Agriculture and Agribusiness Socioeconomics* 2 (4): 1-12.
- Srilakshmi, B. 2003. *Food Science: Third Edition*. New Delhi: New Age International (P) Ltd.
- Sun, K., Liao, A., Zhang, F., Thakur, K., Zhang, J., Huang, J., and Wei, Z. 2019. Microstructural, textural, sensory properties and quality of wheat-yam composite flour noodles. *Foods* 8 (519): 1-13.

- Tam, L.M., Corke, H., Tan, W.T., Li, J., and Collado, L.S. 2004. Production of bihon-type noodle form maize starch differing in amylose content. *Cereal Chemistry* 81 (4): 475-480.
- Tan, H., Li, Z., and Tan, B. 2009. Starch noodles: history, classification, materials, processing, structure, nutrition, quality evaluating and improving. *Food Research International* 42: 551-576.
- Tarwendah, I.P. 2014. Jurnal review: studi komparasi atribut sensoris dan kesadaran merek produk pangan. *Jurnal Pangan dan Agroindustri* 5 (2): 66-73.
- Widyaningtyas, M. and Susanto, W.H. 2015. Pengaruh jenis dan konsentrasi hidrokoloid (*carboxy methyl cellulose*, *xanthan gum*, dan karagenan) terhadap karakteristik mie kering berbasis pasta ubi jalar varietas ase kuning. *Jurnal Pangan dan Agroindustri* 3 (2): 417-423.
- Wijaya, S. 2003. "Pengaruh Penambahan Ubi Jalar Ungu Terhadap Aktivitas Antioksidan dan Karakteristik Mi Ubi Kayu." Bachelor's Thesis, Universitas Pelita Harapan.
- Winarno, F.G. 2002. *Kimia Pangan*. Jakarta: PT. Gramedia.
- Winarno, F.G. and Koswara, S. 2002. *Telur: Komposisi, Penanganan, dan Pengolahannya*. Bogor: M-Brio Press.
- Witono, J.R., Kumalaputri, A.J., and Lukmana, H.S. 2012. "Optimasi Rasio Tepung Terigu, Tepung Pisang, dan Tepung Ubi Jalar, serta Konsentrasi Zat Aditif pada Pembuatan Mie." diss., Universitas Katolik Parahayangan.
- Yadav, B.S., Yadav, R.B., and Kumar, M. 2011. Suitability of pigeon pea and rice starches and their blends for noodle making. *LWT – Food Science and Technology* 44 (6): 1396-1407.
- Yuwono, S.S. and Waziroh, E. 2019. *Teknologi Pengolahan Tepung Terigu dan Olahannya di Industri*. Malang: UB Press.
- Zhang, W., Bi, J., Yan, X., Wang, H., Zhu, C., Wang, J., and Wan, J. 2007. In vitro measurement of resistant starch of cooked milled rice and physicochemical characteristics affecting its formation. *Food Chemistry* 105: 462-468.