

DAFTAR PUSTAKA

- AACC. 2000. "Approved Methods of the American Association of Cereal Chemists Methods 66-50" 10th ed. AACC International, Minnesota.
- AACC. 2001. The Definition of Dietary Fiber. AACC Report 46(3): 112-126.
- Ahmed, I., Qazi, I. M., Li, Z., dan Ullah, J. 2016. Rice Noodles: Materials, Processing and Quality Evaluation. B. Life and Environmental Sciences 53(3): 215-238.
- Akbar, H., Supriyanto, A., dan Haryani, K. 2014. Karakterisasi Tepung Konjac dari Tanaman Iles-iles (*Amorphallus oncophyllus*) di Daerah Gunung Kreo Semarang Jawa Tengah. Jurnal Teknologi Kimia dan Industri 2(4):41-47.
- Amalia. 2014. Umbi Garut Sebagai Alternatif Pengganti Terigu Untuk Individual Autistik. Warta Puslitbang Perkebunan 20 (2): 30-31.
- Amiarso. 2003. Pengaruh Penambahan Daging Ikan Kambing-kambing (*Abalistes steilatus*) terhadap Mutu Kerupuk Gemblong Khas Kuningan Jawa Barat. Thesis, Institut Pertanian Bogor, Bogor.
- Andarwulan, N., Kusnandar, F., & Herawati, D. 2011. Analisis Pangan. PT. Dian Rakyat, Jakarta.
- AOAC. 1995. "Official Methods of Analysis" 16th ed. Associated of Official Analytical International, Washington.
- AOAC. 2005. "Official Method of Analysis" 18th ed. Associated of Official Analytical International, Washington.
- Apriyani, D. F. 2013. Pengaruh Perbandingan Tepung Terigu dan Tepung Pati Garut (*Maranta arundinacea* L) pada Daya Kembang dan Daya Terima Donat. Skripsi, Universitas Muhammadiyah Surakarta, Surakarta.
- Astawan, M. 2002. "Membuat Mie dan Bihun." Penebar Swadaya, Jakarta.
- Astawan, M. dan Febrinda, A. E. 2010. Potensi Dedak dan Bekatul Beras sebagai Ingredient Pangan dan Produk Pangan Fungsional. Artikel Pangan 19 (1): 14-21.
- Aziz, N. A. A. dan Choo, C. L. 2007. The Effect of Incorporation of Banana Flour on the Quality of Noodles. Dipresentasikan pada 11th ASEAN Food Conference, Kuala Lumpur.
- Badan Standarisasi Nasional. 2015. Mi Kering. BSN, SNI 8217:2015.
- Badan Standarisasi Nasional. 2009. Tepung Terigu. BSN, SNI 3751:2009.
- Badan Pengawas Obat dan Makanan Republik Indonesia. 2016. Peraturan Kepala Badan Pengawas Obat dan Makanan Republik Indonesia Nomor 13 Tahun 2016 Tentang Pengawasan Klaim pada Label dan Iklan Pangan Olahan.

- Brown, A. 2014. "Understanding Food Principles and Preparation" 5th ed. Cengage Learning, Connecticut.
- Bushuk, W. dan V. F. Rasper. 1994. "Wheat: Production, Properties and Quality." Springer Science+Business Media, Dordrecht.
- CAC (Codex Alimentarius Commission). 2002. Proposed Draft Standard for Instant Noodles – 2002. CAC, Malaysia.
- Caballero, B., Finglas, P. M., dan Toldra, F. 2003. "Encyclopedia of Food Sciences and Nutrition Vol. 6" 2nd ed. Academic Press, Massachusetts.
- Chandra, S., Singh, S., & Kumari, D. 2015. Evaluation of functional properties of composite flours and sensorial attributes of composite flour biscuits. *Journal of Food Science Technology* 52 (6): 3681-3688.
- Choy, A. L., Morrison, P. D., Hughes, J. G., Marriott, P. J., & Small, D. M. 2013. Quality and antioxidant properties of instant noodles enhanced with common buckwheat flour. *Journal of Cereal Science* 57, 281-287.
- Clifford, J., Niebaum, K., & Bellows, L. 2015. Dietary fiber. Diambil dari <http://extension.colostate.edu/docs/pubs/foodnut/09333.pdf>. Diakses 4 Juni 2017.
- Dhingra, D., Michael, M., and Rajput, H. 2012. Dietary fibre in foods : a review. *Journal of Food Science and Technology* 49 (3): 255-266.
- Direktorat Gizi Departemen Kesehatan RI. 1990. Daftar Komposisi Bahan Pangan. Bhatara Karya Aksara, Jakarta.
- Direktorat Gizi Departemen Kesehatan RI. 2008. Kegemukan Akibat Kurang Serat. Depkes RI, Jakarta.
- Direktorat Gizi Departemen Kesehatan RI. 2013. Peraturan Menteri Kesehatan Republik Indonesia tentang Angka Kecukupan Gizi yang Dianjurkan bagi Bangsa Indonesia. Menkes, Jakarta.
- Fardiaz, Dedi, Andarwulan, N., Wijaya H., & Puspitasari, N.L. 2002. Petunjuk Laboratorium Teknik Analisis Sifat Kimia Dan Fungsional Komponen Pangan. Depdikbud Ditjen PT PAU Pangan dan Gizi IPB, Bogor.
- Faridah, A., Widjanarko, S. B., Sutrisno, A., dan Susilo, B. 2012. Optimasi Produksi Tepung Porang dari Chip Porang Secara Mekanis dengan Metode Permukaan Respons. *Jurnal Teknik Industri* 13 (2): 158-166.
- Faridah, A. dan Widjanarko, S. B. 2014. Penambahan Tepung Porang pada Pembuatan Mi dengan Substitusi Tepung Mocaf (Modified cassava flour). *Jurnal Teknologi dan Industri Pangan* 25 (1): 98-105.
- Faridah, D. N., Prangdimurti, E., & Adawiyah, D. R. 2008. Pangan Fungsional dari Umbi Suweg dan Garut: Kajian Daya Hipokolesterolemik dan Indeks Glikemiknya. Laporan Hibah Bersaing LPPM-IPB 66, 77.
- Fu, B. X. 2007. Asian Noodles: History, Classification, Raw Materials, and Processing. *Journal of Food Research International* 41: 888-902.

- González, E., Montenegro, M. A., Nazareno, M. A., & López de Mishima, B. A. 2001. Carotenoid composition and vitamin A value of an Argentinian squash (*Cucurbita moschata*). *Arch Latinoam Nutr* 51 (4), 395–399.
- Harmayani. E., Kumalasari, I. D., & Marsono, Y. 2011. Effect of arrowroot (*Maranta arundinacea* L.) diet on the selected bacterial population and chemical properties of caecal digesta of Sprague Dawley rats. *International Research Journal of Microbiology* 2 (8): 278-284.
- Hou, G. G. 2010. “Asian Noodles: Science, Technology, and Processing.” John Wiley and Sons, Inc., Portland.
- Hutchings. 1990. “Food Color and Appearance.” Blackie Academic, Glasgow.
- Imeson, A. 2010. “Food Stabilisers, Thickeners and Gelling Agents.” Blackwell Publishing Ltd., Singapore.
- Indriyani, A. 2007. Cookies Tepung Garut (*Maranta arundinacea* L.) dengan Pengkayaan Serat Pangan. Skripsi, Universitas Gadjah Mada, Yogyakarta.
- Institute of Medicine. 2005. “Dietary Reference Intakes for Energy, Carbohydrate, Fiber, Fat, Fatty Acids, Cholesterol, Protein and Amino Acids.” National Academy Press, Washington, D. C.
- Integrated Taxonomic Information System. 2011. *Cucurbita moschata* Duchesne Diambil dari https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=22370#null. Diakses 2 Juni 2017.
- Integrated Taxonomic Information System. 2011. *Maranta arundinacea* L. Diambil dari https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=503694#null. Diakses 2 Juni 2017.
- Jatmiko, G. P. dan Teti, E. 2014. Mi dari umbi kimpul (*Xanthosoma sagittifolium*): kajian pustaka. *Jurnal Pangan dan Agroindustri* 2 (2): 127-134.
- Karim, R. dan Muhammad, T. S. 2015. “Yellow Alkaline Noodles: Processing Technology and Quality Improvement.” Springer, Selangor.
- Kaur, M. dan Singh, N. 2005. Studies on functional, thermal and pasting properties of flours from different chickpea (*Cicer arietinum* L.) cultivars. *Food Chemistry* 91 (3): 403-411.
- Khanna, S. dan Tester, R. F. 2006. Influence of purified konjak glucomannan on the gelatinization and retrogradation properties of maize and potato starches. *Journal of Food Hydrocolloid* 20 (5): 567-576.
- Kittipongpatana, O. S. dan Kittipongpatana, N. 2015. Resistant Starch Contents of Native and Heat-Moisture Treated Jackfruit Seed Starch. *The Scientific World Journal* 2015: 1-10.
- Kontan. 2017. Impor Gandum Konsumsi Diperkirakan Naik 6%. Diambil dari <http://industri.kontan.co.id/news/impor-gandum-konsumsi-diperkirakan-naik-6>. Diakses 2 Juni 2017.

- Korch, M. U. 2011. "Laugh with Health." Exisle Publishing Limited, Wollombs.
- Koswara, S. 2009. "Seri Teknologi Pangan Populer: Teknologi Pengolahan Mi." eBookpangan.com, Indonesia.
- KSKP IPB. 2016. Budidaya Butternut Squash, peluang dan tantangan. Diambil dari <http://kskp.ipb.ac.id/budidaya-butternut-squash-peluang-dan-tantangan/>. Diakses 2 Juni 2017.
- Kusnandar, F. 2011. "Kimia Pangan Komponen Makro." Dian Rakyat, Jakarta.
- Lala, F. H., Bambang, S., & Nur, K. 2013. Uji karakteristik mi instan berbahan baku tepung terigu dengan substitusi mocaf. *Jurnal Bioproses Komoditas Tropis* 1 (2): 11-20.
- Lauvinia, A. 2017. Karakteristik Fisikokimia dan Sensori Mi Jagung dengan Penambahan Soda Abu dan Gliseril Monostearat. Thesis, Unika Soegijapranata, Semarang.
- Li, B., Xie, B., dan Kennedy, J. F. 2006. Studies on the molecular chain morphology of konjac glucomannan. *Carbohydrate Polymers* 64: 510-515.
- Lim, T. K. 2012. "Edible Medicinal and Non-Medicinal Plants" vol. 3. Springer Science+Business Media, Dordrecht.
- Macrae, R., Robinson, R. K., & Sadler M. J. 2003. "Encyclopedia of Food Sciences and Nutrition" 2nd ed. Academic Press, Amsterdam.
- Mariyani, N. 2011. Studi Pembuatan Mie Kering Berbahan Baku Tepung Singkong dan Mocal. *Jurnal Sains Terapan* 1 (1): 9-11.
- Mei, J., Liu, G., Huang, X., & Ding, W. 2016. Effects of ozone treatment on medium hard wheat (*Triticum aestivum*L.) flour quality and performance in steamed bread making. *CyTA - Journal of Food*, 1-8.
- Meilgaard, M. C., Civille, G. V., dan Carr, B. T. 2015. "Sensory Evaluation Techniques" 5th ed. CRC Press, Boca Raton.
- Muchtadi, D. 2012. "Pangan Fungsional dan Senyawa Bioaktif." Alfabeta, Bandung.
- Mulyadi, A. F., Wijana, S., Dewi, I. A., dan Putri, W. I. 2014. Karakteristik Organoleptik Produk Mie Kering Ubi Jalar Kuning (*Ipomea batatas*) (Kajian Penambahan Telur dan CMC). *Jurnal Teknologi Pertanian* 15(1):25-36.
- Navale, S. A., Swami, S. B., & Thakor, N. J. 2016. Effect of Flour Composition (Arrowroot, Lesser Yam and Potato) on its Nutritional and Functional Properties. *Journal of Root Crops* 42 (1): 61-73.
- Nielsen, S. S. 2017. "Food Analysis" 5th ed. Springer International Publishing, Cham.
- Noomhorm, A., Imran, A., & Anil, K. A. 2014. "Functional Foods and Dietary Supplements." John Wiley & Sons, Ltd., Chichester.

- Nugrahawati, T. 2011. Kajian Karakteristik Mie Kering dengan Substitusi Bekatul. Thesis, Universitas Sebelas Maret, Surakarta.
- Nurchayawati, A. D. 2015. Substitusi Tepung Labu Kuning terhadap Tingkat Pengembangan dan Daya Terima Cake Labu Kuning. Thesis, Universitas Muhammadiyah Surakarta, Surakarta.
- Phillips, G. O. dan Williams, P. A. 2005. "Handbook of Hydrocolloids." Woodhead Publishing Limited and CRC Press LLC, USA.
- Purwandari, U., Khoiri, A., Muchlis, M., Noriandita, B., Zeni. N. F., Lisdayana, N., & Fauziyah, E. 2014. Textural, cooking quality, and sensory evaluation of gluten-free noodle made from breadfruit, konjak, or pumpkin flour. *International Food Research Journal* 21 (4): 1623-1627.
- Rahman, M. S. 2007. "Handbook of Food Preservation" 2nd ed. CRC Press, Florida.
- Reed, M. 2012. Development and utilization of resistant starch in cooked rice grains and breads. Graduate Theses and Dissertations, Iowa State University, Iowa.
- Reis, F. R. 2017. "New Perspectives on Food Blanching." Springer International Publishing, Cham.
- Rosa. 2010. Pengaruh Penambahan Umbi Garut (*Maranta arundinaceae* L.) dalam Bentuk Tepung dan Pati sebagai Prebiotik pada Yoghurt sebagai Produk Sinbiotik terhadap Daya Hambat Bakteri *Escherichia coli*. Artikel Penelitian, Universitas Diponegoro, Semarang.
- Ross, A. S., Quail, K. J., & Crobie, G. B. 1997. Physicochemical Properties of Australian Flours Influencing the Texture of Yellow Alkaline Noodles. *Cereal Chemistry* 74 (6): 814-820.
- Saldivar, S. O. S. 2012. "Cereal Grains: Laboratory Reference and Procedures Manual." CRC Press, Boca Raton.
- Sajilata, M. G., Singhal, R. S., & Kulkarni, P. R. 2006. Resistant Starch-A Review. *Comprehensive Reviews in Science and Food Safety* 5: 1-17.
- Santoso, A. 2011. Serat Pangan (*Dietary Fiber*) dan Manfaatnya bagi Kesehatan. *Magistra* 75: 35-40.
- Saputra, P. A. 2014. Development of Low Calorie Noodle from Flour Sources of Arrowroot, Lesser Yam or Unripe Banana Combined with Konjak Flour. Thesis, Universitas Pelita Harapan, Tangerang.
- Septiani, V. E. 2015. Pembuatan *Snack Bar* Bebas Gluten dari Bahan Baku Tepung Mocaf dan Tepung Beras Pecah Kulit. Thesis, Universitas Esa Unggul, Jakarta.
- Sharma, H. K., Njintang, N. Y., Singhal, R. S., & Kaushal, P. 2016. "Tropical Roots and Tubers: Production, Processing and Technology." John Wiley & Sons, Ltd., Chichester.

- Silalahi, J. 2006. "Makanan Fungsional." Penerbit Kanisius, Yogyakarta.
- Simmonds, D. H. 1989. "Wheat and Wheat Quality in Australia." William Brooks Queensland, Queensland.
- Smil, V. dan Kobayashi, K. 2012. "Japan's Dietary Transition and Its Impacts." Massachusetts Institute of Technology, Massachusetts.
- Sumarwoto. 2007. Review: Kandungan Mannan pada Tanaman Iles-iles (*Amorphophallus muelleri* Blume.). *Jurnal Bioteknologi* 4(1):28-32.
- Supriati, Y. 2016. Keanekaragaman Iles-iles (*Amorphophallus* spp.) dan Potensinya untuk Industri Pangan Fungsional, Kosmetik, dan Bioetanol. *Jurnal Litbang Pertanian* 35(2):69-80.
- Suyanti. 2008. "Membuat Mie Sehat Bergizi dan Bebas Pengawet." Penebar Swadaya, Jakarta.
- Tan, H. Z., Li, Z. G., & Tan, B. 2009. Starch Noodles: History, Classification, Materials, Processing, Structure, Nutrition, Quality Evaluating and Improving. *Journal of Food Research International* 42: 551-576.
- Tongpun, N. 2006. Formulation of Soy Protein-Enriched Instant Noodle. Thesis, Mahidol University, Salaya.
- United States Department of Agriculture. 2016. National nutrient database: pumpkin, raw. Diambil dari <https://ndb.nal.usda.gov/ndb/foods/show/3141>. Diakses 2 Juni 2017.
- United States Department of Agriculture. 2016. National nutrient database: squash, winter, butternut, raw. Diambil dari <https://ndb.nal.usda.gov/ndb/foods/show/3188>. Diakses 2 Juni 2017.
- Utami, A. R. 2008. Kajian Indeks Glikemik dan Kapasitas In Vitro Pengikatan Kolesterol dari Umbi Suweg (*Amorphophallus campanulatus* Bl.) dan Umbi Garut (*Maranta arundinaceae* L.). Thesis, Institut Pertanian Bogor, Bogor.
- Valenzuela, N. J., Morales, J. J. Z., Infante, J. A. G., Gutierrez, F. A., Hernandez, I. L. C., Guzman, N. E. R., & Laredo, R. F. G. 2011. Chemical and Physicochemical Characterization of Winter Squash (*Cucurbita moschata* D.). *Notulae Botanicae Horti Agrobotanici Cluj-Napoca* 39(1): 1-7.
- Wen, X., Wang, T., Wang, Z., Li, L., & Zhao, C. 2008. Preparation of konjak glucomannan hydrogels as DNA-controlled release matrix. *International Journal of Biological Macromolecules* 42 (3): 256-263.
- Wijaya, D. 2013. The Effect of Katuk Leaf (*Sauropus androgynous*) towards the Physicochemical Characteristics and Consumer's Acceptance of Katuk Noodle. Thesis, Universitas Pelita Harapan, Tangerang.
- World Health Organization. 2003. "Diet, Nutrition and the Prevention of Chronic Diseases." WHO, Geneva.

- Wu, J., Aluko, R. E., & Corke, E. 2006. Partial Least-Squares Regression Study of the Effects of Wheat Flour Composition, Protein and Starch Quality Characteristic on Oil Content of Steamed and Fried Instant Noodle. *Journal of Cereal Science* 44: 117-126.
- Xiao, H., Pan, Z., Deng, L., El-Mashad, H., Yang, X., Mujumdar, A. S., Gao, Z., & Zhang, Q. 2017. Recent developments and trends in thermal blanching – A comprehensive review. *Information Processing in Agriculture* 4(2): 101-127.
- Yani, A., Arief, R. W., & Mulyanti, N. 2013. Processing of Banana Flour Using a Local Banana as Raw Materials in Lampung. *International Journal on Advanced Science, Engineering and Information Technology*, 3(4), 289.
- Yunita, D., Lubis, Y. M., & Nurakmal. 2012. Pembuatan Mi Kering dengan Penggunaan Tepung Labu Tanah (*Cucurbita moschata*). *Sagu-Agricultural Science and Technology Journal* 11 (2): 36-42.
- Zhang, J., Ma, D. Y., Lou, X. Y., Wang, X. N., Wang, C. Y., & Guo, T. C. 2014. Color, cooking properties, and texture of yellow alkaline noodles enriched with millet and corn flour. *International Food Research Journal* 21 (3): 1151-1156.
- Zhou, B. L., Zhu, F., Shan, F., Cai, Y. Z., dan Corke, H. 2011. Gluten Enhances Cooking, Textural, and Sensory Properties of Oat Noodles. *Cereal Chem.* 88(3): 228-233.
- Zoly. 2010. The Effect of Mung Bean Flour Substitution of the Quality of Instant Noodles and Consumer Preference. Thesis, Universitas Pelita Harapan, Tangerang.