

BIBLIOGRAPHY

- AGRIHORTICO. *Taro and Yams: Growing Practices and Nutritional Information*. AGRIHORTICO, 2019.
- Akbar, A. 2019. "Analisis Fisik, Kimia dan Organoleptik Mie Basah Berbasis Umbi Talas (*Colocasia Esculenta* 1)". *AGRITEPA: Jurnal Ilmu Dan Teknologi Pertanian*, 5(1): 159-170.
- Alcantara, Richelle M., Wilma A. Hurtada and Erlinda I Dizon. 2013. "The Nutritional Value and Phytochemical Components of Taro [*Colocasia esculenta* (L.) Schott] Powder and its Selected Processed Foods". *Journal of Nutrition & Food Science* (3) 3: 1-7.
- Alhusaini, Samir Sideek. *Modification of Rice Flour and Its Potential Use in The Food Industry*. Ann Arbor: LSU Digital Commons, 1985.
- Amon, Anon Simplicie, René Yadé Soro, Emma Fernande Assemmand, Edmond Ahipo Dué and Lucien Patrice Kouamé. 2014. "Effect of boiling time on chemical composition and physico-functional properties of flours from taro (*Colocasia esculenta* cv *fouê*) corm grown in Côte d'Ivoire". *Journal Food Science Technology* 51 (5): 855-864.
- Anggraeni, R., and D. Saputra. "Physicochemical characteristics and sensorial properties of dry noodle supplemented with unripe banana flour." *Food Research* 2, no. 3 (2018): 270-278.
- Asawasathien. 2019. "Rice Flour Substitution with Banana Flour (*Musa sapientum* L.) in Rice Noodle." *Thai Agricultural Research Journal*, 23(3): 292-299.
- Asnani, Asnani, Abdul Rahim and Ifall Ifall. 2019. "Karakteristik Fisik, Kimia dan Organoleptik Mie Kering Pada Berbagai Rasio Tepung Bonggol Pisang Kepok". *AGROINTEK Volume 13 Issue 1*: 82-89.
- Association of Official Analysis Chemist. (AOAC). *Official Methods of Analysis of the Association Analytical Chemists*. Washington DC: AOAC International, 2005.
- Aurum, Fawzan Sigma and Dian Adi Anggraeni Elisabeth. 2015. "Formulasi Tepung Komposit Keladi dan Ubi Jalar Sebagai Bahan Baku Mi Kering Pengganti Sebagian Terigu". *Jurnal Pengkajian dan Pengembangan Teknologi Pertanian Volume 18 No. 3*: 237-249.
- Badan Standardisasi Nasional. 2015. *Mi Basah SNI 2987:2015*. Jakarta: Badan Standardisasi Nasional, 2015.

- Boi, Lee Geok. *Asian Noodles*. Singapore: Marshall Cavendish Cuisine, 2015.
- Darkwa, S. and A. A. Darkwa. 2013. "TARO "*Colocasia esculenta*": It's Utilization in Food Products in Ghana". *Journal Food Process and Technology* 2013.
- Delcour, Jan and Russell Carl Hosney. *Principles Of Cereal Science and Technology*. St. Paul, MN: AACC International, 2010.
- Desmond, E. 2006. "Reducing salt: A challenge for the meat industry." *Meat Science* 74: 188-196.
- Englyst, Hans N., Susan M. Kingman, Geoffrey J. Hudson and John H. Cummings. 1996. "Measurement of resistant starch *in vitro* and *in vivo*." *British Journal of Nutrition* 75: 749-755.
- Falcomer, Ana Luisa, Roberta Figueiredo Resende Riquette, Bernardo Romão de Lima, Verônica C. Ginani and Renata Puppim Zandonadi. 2019. "Health Benefits of Green Banana Consumption: A Systematic Review". *Nutrients* 2019 11 1222: 1-22.
- Frenkel, Chaim, Isaac Klein and D. R. Dilley. 1968. "Protein Synthesis in Relation to Ripening of Pome Fruits." *Plant Physiol.* 43: 1146-1153.
- Fuentes-Zaragoza, E., M.J. Riquelme-Navarete, E. Sanchez-Zapata and J.A. Perez-Alvarez. 2010. "Resistant Starch as Functional Ingredient: A Review". *Food Res. Int.* 43: 931-942.
- Gafuma, Samuel, G. W. Byarugaba-Bazirake and Ediriisa Mugampoza. 2018. "Textural Hardness of Selected Ugandan Banana Cultivars under Different Processing Treatments". *Journal of Food Research; Vol. 7, No. 5; 2018*: 98-111.
- Galiwango, Emmanuel, Nour S. Abdel Rahman, Ali H. Al-Marzouqi, Mahdi M. Abu-Omar and Abbas A. Khaleel. 2018. "Klason Method: An Effective Method for Isolation of Lignin Fractions from Date Palm Biomass Waste". *Chemical and Process Engineering Research* Vol.57, 2018: 46-58.
- Granato, Daniel, Maria Lucia Masson, and Jéssica Caroline Bigaski Ribeiro. 2012. "Sensory acceptability and physical stability evaluation of a prebiotic soy-based dessert developed with passion fruit juice." *Food Science and Technology* 32, no. 1 (2012): 119-126.
- Gregory, N. G. *Animal Welfare and Meat Science*. New York: CAB International, 1998.

- Heymann, H., and H. Lawless. *Sensory Evaluation of Food*. New York: Springer, 2010.
- Hermianti, Wilsa and Silfia. 2011. "Pengaruh Beberapa Jenis Talas (*Xanthosoma* sp) dan Bahan Fortifikasi Pangan Dalam Pembuatan Mie". *Jurnal Litbang Industri Volume 1 No. 1*: 39-45.
- Hou, G. G. *Asian noodles: science, technology, and processing*. Hoboken: John Wiley & Sons. 2010.
- Htwe, Tin Mya Mya. 2011. "Studies on Some Properties of Starch from Taro Corm." *Universities Research Journal 2011 4 3*: 253-265.
- Hutabarat, N.D.M Romauli and Henri F. Purba. 2015. "Penggunaan Tepung Pisang Siberas Dengan Tepung Ubi Jalar Substitusi Terigu Pada Pembuatan Mi Kering: Kasus di Provinsi Sumatera Utara". *Jurnal Pengkajian dan Pengembangan Teknologi Pertanian Volume 18 No. 3*: 207-215.
- Jenkins, P. J. and A. M. Donald. 1998. "Gelatinisation of Starch: a Combined Sxax/wax/dsc and Sans Study." *Carbohydrate Research 308*: 133-147.
- Johnston, K. L., E. L. Thomas, J. D. Bell, G. S. Frost, M. D. Robertson. 2010. "Resistant starch improves insulin sensitivity in metabolic syndrome." *Diabetic Medicine 27*: 391-397.
- Jovin, Hasjim, Yongfeng Ai and Jay-lin Jane. 2013. "Novel Applications of Amylose-Lipid Complex as Resistant Starch Type 5". *Resistant Starch*: 79-94.
- Kaushal, Pragati, Vivek Kumar, and H.K. Sharma. 2015. "Utilization of taro (*Colocasia esculenta*): a review". *Journal of Food Science and Technology January 2015 52(1)*: 27-40.
- Kaushal, Pragati and H.K. Sharma. 2014. "Effect of Incorporating Taro (*Colocasia esculenta*), Rice (*Oryza sativa*), and Pigeon Pea (*Cajanus cajan*) Flour Blends on Noodle Properties". *International Journal Of Food Properties Volume 17 Issue 4*: 765-781.
- Levey, Douglas J., Heidi A. Bissell and Sean F. O'Keefe. 2000. "Conversion of Nitrogen to Protein and Amino Acids in Wild Fruits". *Journal of Chemical Ecology Volume 26 No. 7*: 1749-1763.
- Lim, T.K. *Edible Medicinal and Non Medicinal Plants Volume 9, Modified Stems, Roots. Bulbs*. Springer Science+Business Media Dordrecht: New York, 2015.
- Luh, Bor S. *Rice, Volume 2: Utilization*. New York: AVI Book, 1991.

- Maduwanthi, S. D. T., R. A. U. J. Marapana. 2017. "Biochemical Changes During Ripening of Banana: A Review". *International Journal of Food Science and Nutrition Volume 2 Issue 5*: 166-170.
- Mahr, Susan. 2014. "Elephant Ears (*Colocasia*, *Alocasia* and *Xanthosoma*)."
Master Gardener Program Division of Extension
<https://wimastergardener.org/article/elephant-ears-colocasia-alocasia-and-xanthosoma/>
- Menezes, Elizabete Wenzel, Carmen Cecília Tadini, Tatiana Beatris Tribess, Angela Zuleta, Julieta Binaghi, Nelly Pak, Gloria Vera, Milana Cara Tanasov Dan, Andréa C. Bertolini, Beatriz Rosana Cordenunsi and Franco M. Lajolo. 2011. "Chemical Composition and Nutritional Value of Unripe Banana Flour (*Musa acuminata* var. Nanicão)". *Plant Foods Hum Nutr DOI 10./1007/s11130-011-0238-0*.
- Mohapatra, Asutosh, Bhosale Yuvraj K., and S, Shanmugasundaram. 2016. "Physicochemical Changes During Ripening of Red Banana". *International Journal of Science, Environment and Technology Volume 5 No. 3*: 1340-1348.
- Moongngarm, Anuchita, Wanassanun Tiboobun, Mai Sanpong, Pimpila Sriwong, Laongdao Phiewtong, Rattanapon Prakitrum and Nattipon Huycan. 2014. "RESISTANT STARCH AND BIOACTIVE CONTENTS OF UNRIPE BANANA FLOUR AS INFLUENCED BY HARVESTING PERIODS AND ITS APPLICATION". *American Journal of Agricultural and Biological Sciences 9 (3)*: 457-465.
- Moore, Samuel Ahlias. 2013. "Studies on mechanisms of resistant starch analytical methods". *Iowa State University Digital Respository Graduates Theses and Dissertations*.
- Musita, Nanti. 2012. "Kajian Kandungan dan Karakteristiknya Pati Resisten dari Berbagai Varietas Pisang". *Jurnal Dinamika Penelitian Industri Volume 23 No.1*: 57-67.
- Nayar, N.M. 2010. "The Bananas: Botany, Origin, Dispersal". *Horticultural Reviews Volume 36*: 117-164.
- Ortiz, Rodomiro and Rony Swennen. 2014. "From crossbreeding to biotechnology-facilitated improvement of banana and plantain." *Biotechnology Advances Volume 32 (1)*: 158-169.
- Ovando-Martinez, Maribel, Sonia Sáyago-Ayerdi, Edith Agama-Acevedo, Isabel Goñi and Luis A. Bello-Pérez. 2009. "Unripe Banana Flour as an Ingredient to Increase the Undigestible Carbohydrates of Pasta". *Food Chemistry Volume 11 No. 3*: 121-126.

- Prabawati, Sulusi, Suyanti and Dondy A Setyabudi. 2008. *Jurnal Teknologi Pascapanen dan Teknik Pengolahan Buah Pisang*. 2.5: 7-9.
- Prasad, K., Y. Singh and A. Anil. 2012. "Effect of grinding methods on the characteristics of Pusa 1121 rice flour." *J. Trop. Agric. And Fd. Sc.* 40 (2): 193-201.
- Putseys, Joke. 2010. "Structural and Functional Properties of Amylose-Lipid Complexes and Their Applications". *Laboratorium Voor Levensmiddelenchemie En-Biochemie*.
- Ramadhia, Muflihah, Ledy Purwandani and Erning Indrastuti. 2019. (Karakteristik Kwetiau dari Tepung Beras yang Dicampur Tepung Umbi Uwi (*Dioscorea alata*), Talas (*Colocasia esculenta*) dan Kimpul (*Xanthosoma sagittifolium*) Termodifikasi". *Buletin LOUPE Volume 15 No. 1*: 1-7.
- Riansyah, Angga, Agus Supriadi and Rodiana Nopianti. 2013. "PENGARUH PERBEDAAN SUHU DAN WAKTU PENGERINGAN TERHADAP KARAKTERISTIK IKAN ASIN SEPAT SIAM (*Trichogaster pectoralis*) DENGAN MENGGUNAKAN OVEN". *Fishtech Volume II Nomor 01*: 53-68.
- Roman, Laura and Mario M. Martinez. 2019. "Structural Basis of Resistant Starch (RS) in Bread: Natural and Commercial Alternative". *Foods Volume 8*.
- Sajilata, M. G., Rekha S. Singhal and Pushpa R. Kulkarni. 2006. "Resistant Starch- A Review." *Comprehensive Reviews in Food Science and Food Safety 5 (1)*: 1-17.
- Setiarto, R Haryo Bimo, Sri Laksmi Suryaarmadja, and Dian Nur Faridah. 2015. "Peningkatan Pati Resisten Tepung Talas Melalui Fermentasi Dan Pemanasan Bertekanan-Pendinginan Serta Evaluasi Sifat Prebiotiknya". *Institut Pertanian Bogor Scientific Repository*.
- Setyarini, Eri. 2013. "Pengaruh Perbandingan tepung Terigu Dengan Tepung Pisang Ambon Terhadap Elastisitas dan Daya Terima Mie Basah".
- Sharma, Harish K., Nicolas Y. Njintang, Rekha S. Singhal, Pragati Kaushal. *Tropical Roots and Tubers Production, Processing and Technology*. Chichester: Wiley Blackwell, 2016.
- Simsek, Sebnem and Sedef Nehir El. 2012. "Production of Resistant Starch from Taro (*Colocasia esculenta* L. Schott) Corm and Determination of Its Effect on Health by In Vitro Methods". *Carbohydrate Polymers Volume 90*.
- Srikaeo, Khongsak, Sukanya Mingyai and Peter A. Sopade. 2011. "Physicochemical properties, resistant starch content and enzymatic digestibility of unripe banana, edible canna, taro flours and their rice noodle

- products”. *International Journal of Food Science & Technology* Volume 46, Issue 10 October 2011: 2111-2117.
- Suwonsichon, Suntaree. 2019. “The Importance of Sensory Lexicons for Research and Development of Food Products”. *Foods* 2019 8, 27: 4-19.
- Tarté, R. *Ingredients in Meat Products: Properties, Functionality and Applications*. New York: Springer, 2009.
- Theodora, Apriliani, Fransiscus Sinung Pranata and Yuliana Reni Swasti. 2019. “[*PRODUCTION OF WET FLAT RICE NOODLE SUBSTITUTED WITH JACKFRUIT SEED FLOUR (Artocarpus heterophyllus Lamk.) AND WOOD EXTRACT IN ADDITION (Caesalpinia sappan L.)*]”. *FaST – Jurnal Sains dan Teknologi* Volume 3 No. 1: 1 – 12.
- Tiboonbun, W., M. Sungsi-in and A. Moongnarm. 2011. “Effect of Replacement of Unripe Banana Flour for Rice Flour on Physical Properties and Resistant Starch Content of Rice Noodle”. *World Academy of Science, Engineering and Technology* 57: 608-611.
- Tinambunan, Nursalimah, Herla Rusmarilin and Mimi Nurminah. 2014. “PENGARUH RASIO TEPUNG TALAS, PATI TALAS, DAN TEPUNG TERIGU DENGAN PENAMBAHAN CMC TERHADAP SIFAT KIMIA DAN ORGANOLEPTIK MI INSTAN”. *Jurnal Rekayasa Pangan dan Pertanian* Volume 2 No. 3: 30-39.
- Uguru, H., O. I. Akpokodje, S. N. Asoegwu and S. V. Irtwange. 2019. “Textural changes of plantain (*Musa paradisiaca*) finger regions during maturity.” *Direct Research Journal of Agriculture d Food Science* 7 (7): 208-215.
- Wahyudi. 2018. “Optimasi Rasio Tepung Terigu, Tepung Pisang dan Tepung Umbi Talas Serta Zat Aditif Pada Pembuatan Mi Basah”. *AGRITEPA* Volume 4 No. 2: 144-158.
- Wardana, Ata Aditya, Ingrid S. Surono and Hendry. 2018. “Resistant starch content, pasting properties, and structure of modified taro (*Colocasia esculenta* L. Schott) starch granule by steam cooking”. *Journal of Physics: Conference Series* Volume 1363: 1-6.
- Woodhead. *Chemical deterioration and physical instability of food and beverages*. WOODHEAD, 2016.
- Yap, Min, Warnakulasuriya M. A. D. B. Fernando, Charles S. Brennan, Vijay Jayasena, Ranil Coorey. 2017. “The Effects of Banana Ripeness on Quality Indices for Puree Production”. *Food Science and Technology* 80 (2017): 10-18.