

BIBLIOGRAPHY

- AOAC. 1970. Official Methods of Analysis. Association of Official Analytical Chemists. Benjamin Franklin Station, Washington.
- AOAC. 1990. Official Methods of Analysis. Association of Official Analytical Chemists. Benjamin Franklin Station, Washington.
- AOAC. 1995. Official Methods of Analysis. Association of Official Analytical Chemists. Benjamin Franklin Station, Washington.
- AOAC. 2002. Official Methods of Analysis. Association of Official Analytical Chemists. Benjamin Franklin Station, Washington.
- Adebowale, K. O., Olu-Owolabi, B. I., Olawumi, E. K., and Lawal, O. S. (2005). Functional properties of native, physically and chemically modified breadfruit (*Artocarpus artilis*) starch. *Industrial Crops and Products*,21(3), 343-351. doi:10.1016/j.indcrop.2004.05.002
- Benesi, I. R., Labuschagne, M. T., Dixon, A. G., and Mahungu, N. M. 2004. Stability of native starch quality parameters, starch extraction and root dry matter of cassava genotypes in different environments. *Journal of the Science of Food and Agriculture*,84(11), 1381-1388. doi:10.1002/jsfa.1734.
- Bose, D., and Gangopadhyay, H. 2013. Effect of carbohydrates and amino acids on fermentative production of alpha amylase: Solid state fermentation utilizing agricultural wastes. Research paper (undergraduate), GRIN Verlag.
- Chattopadhyay, S., Singhal, R. S., and Kulkarni, P. R. (1997). Optimisation of conditions of synthesis of oxidised starch from corn and amaranth for use in film-forming applications. *Carbohydrate Polymers*,34(4), 203-212. doi:10.1016/s0144-8617(97)87306-7
- Chen, J., Lai, V. M., & Lii, C. (2003). Effects of Compositional and Granular Properties on the Pasting Viscosity of Rice Starch Blends. *Starch - Stärke*,55(5), 203-212. doi:10.1002/star.200390039
- Chi, H., Xu, K., Wu, X., Chen, Q., Xue, D., Song, C., Zhang, W., and Wang, P. 2008. Effect of acetylation on the properties of corn starch. *Food Chemistry*,106(3), 923-928. doi:10.1016/j.foodchem.2007.07.002.

- Daiuto, É., Cereda, M., Sarmento, S., and Vilpoux, O. (2005). Effects of Extraction Methods on Yam (*Dioscorea alata*) Starch Characteristics. *Starch – Stärke*,*57*(3-4), 153-160. doi:10.1002/star.200400324.
- FAO. 1999. Taro Cultivation in Asia and the Pacific. Retrieved July 17, 2018, from <http://www.fao.org/docrep/005/AC450E/ac450e00.HTM>.
- Fuentes-Zaragoza, E., Riquelme-Navarrete, M., Sánchez-Zapata, E., and Pérez-Álvarez, J. 2010. Resistant starch as functional ingredient: A review. *Food Research International*,*43*(4), 931-942. doi:10.1016/j.foodres.2010.02.004.
- Garrido, L. H., Schnitzler, E., Zortéa, M. E., Rocha, T. D., and Demiate, I. M. (2012). Physicochemical properties of cassava starch oxidized by sodium hypochlorite. *Journal of Food Science and Technology*,*51*(10), 2640-2647. doi:10.1007/s13197-012-0794-9
- Kadokawa, J. 2012. Preparation and Applications of Amylose Supramolecules by Means of Phosphorylase-Catalyzed Enzymatic Polymerization. *Polymers*,*4*(1), 116-133. doi:10.3390/polym4010116.
- Kuakpetoon, D., and Wang, Y. (2006). Structural characteristics and physicochemical properties of oxidized corn starches varying in amylose content. *Carbohydrate Research*,*341*(11), 1896-1915. doi:10.1016/j.carres.2006.04.013
- Liu, J., Wang, B., Lin, L., Zhang, J., Liu, W., Xie, J., and Ding, Y. (2014). Functional, physicochemical properties and structure of cross-linked oxidized maize starch. *Food Hydrocolloids*,*36*, 45-52. doi:10.1016/j.foodhyd.2013.08.013
- Liu, W., and Shen, Q. (2007). Studies on the physicochemical properties of mung bean starch from sour liquid processing and centrifugation. *Journal of Food Engineering*,*79*(1), 358-363. doi:10.1016/j.jfoodeng.2006.01.065
- Movasaghi, Z., Rehman, S., and Rehman, D. I. (2008). Fourier Transform Infrared (FTIR) Spectroscopy of Biological Tissues. *Applied Spectroscopy Reviews*,*43*(2), 134-179. doi:10.1080/05704920701829043
- Nand, A. V., Charan, R. P., Rohindra, D., and Khurma, J. R. 2008. Isolation and properties of starch from some local cultivars of cassava and taro in Fiji. *The South Pacific Journal of Natural Science*,*26*(1), 45. doi:10.1071/sp08007.
- Purba, M. M. 2007. *Resistant Starch Tipe III dan Tipe IV Dari Pati Garut (Maranta arundinacea L), Gadung (Dioscorea hispida Dennst) dan Talas*

(*Colocasia esculenta* (L) Schoot) Sebagai Prebiotik. Skripsi, Institut Pertanian Bogor. Bogor.

Reddy, C. K., Haripriya, S., Mohamed, A. N., and Suriya, M. 2014. Preparation and characterization of resistant starch III from elephant foot yam (*Amorphophallus paeonifolius*) starch. *Food Chemistry*, 155, 38-44. doi:10.1016/j.foodchem.2014.01.023.

Ridal, S. 2003. Karakterisasi Sifat Fisiko-Kimia Tepung dan Pati Talas (*Colocasia esculenta*) dan Kimpul (*Xanthosoma Sp.*) dan Uji Penerimaan α -amilase Terhadap Patinya. Skripsi, Institut Pertanian Bogor. Bogor.

Sánchez-Rivera, M., García-Suárez, F., Valle, M. V., Gutierrez-Meraz, F., and Bello-Pérez, L. (2005). Partial characterization of banana starches oxidized by different levels of sodium hypochlorite. *Carbohydrate Polymers*, 62(1), 50-56. doi:10.1016/j.carbpol.2005.07.005

Sangseethong, K., Termvejsayanon, N., and Sriroth, K. (2010). Characterization of physicochemical properties of hypochlorite- and peroxide-oxidized cassava starches. *Carbohydrate Polymers*, 82(2), 446-453. doi:10.1016/j.carbpol.2010.05.003

Simsek, S., and El, S. N. 2012. Production of resistant starch from taro (*Colocasia esculenta* L. Schott) corm and determination of its effects on health by in vitro methods. *Carbohydrate Polymers*, 90(3), 1204-1209. doi:10.1016/j.carbpol.2012.06.039.

Sukhija, S., Singh, S., & Riar, C. S. (2015). Effect of oxidation, cross-linking and dual modification on physicochemical, crystallinity, morphological, pasting and thermal characteristics of elephant foot yam (*Amorphophallus paeoniifolius*) starch. *Food Hydrocolloids*, 55, 56-64. doi:10.1016/j.foodhyd.2015.11.003

Syahriza, Z., Sar, S., Hasjim, J., Tizzotti, M. J., and Gilbert, R. G. 2013. The importance of amylose and amylopectin fine structures for starch digestibility in cooked rice grains. *Food Chemistry*, 136(2), 742-749. doi:10.1016/j.foodchem.2012.08.053.

Wang, Y., and Wang, L. (2003). Physicochemical properties of common and waxy corn starches oxidized by different levels of sodium hypochlorite. *Carbohydrate Polymers*, 52(3), 207-217. doi:10.1016/s0144-8617(02)003041

Woo, K. S., and Seib, P. A. 2002. Cross-Linked Resistant Starch: Preparation and Properties. *Cereal Chemistry Journal*, 79(6), 819-825. doi:10.1094/cchem.2002.79.6.819.

Zaman, S. A., Seruji, A. Z. R. A. and Sarbini, S. R. 2015. Effect of Acetylation on Physicochemical Properties and Resistant Starch Content of Metroxylon Sagu Starch. *Int'l Conference on Food Nutrition, Chemical and Environmental Engg*, 5-8.

