

## DAFTAR PUSTAKA

- Adeleke, O., Adiamo, O. Q., Fawale, O. S., & Olamiti, G. 2017. Effect of Soaking and Boiling on Anti-nutritional Factors, Oligosaccharide Contents and Protein Digestibility of Newly Developed Bambara Groundnut Cultivars. *Turkish Journal of Agriculture - Food Science and Technology*, 5(9), 1006. <https://doi.org/10.24925/turjaf.v5i9.1006-1014.949>
- Adiandri, R. S. 2014. Efek pengolahan terhadap kandungan oligosakarida dan sifat fisikokimia tepung kedelai dan kacang hijau. *Prosiding Seminar Hasil Penelitian Tanaman Aneka Kacang Dan Umbi 2014*, 1(1), 940–949.
- Akpata, M. I., & Miachi, O. E. 2001. Proximate composition and selected functional properties of *Detarium microcarpum*. *Plant Foods for Human Nutrition*, 56(4), 297–302. <https://doi.org/10.1023/A:1011836332105>
- Amtiran, M. Y., Mangku, I. G. P., & Semariyani, A. A. M. 2018. *The Effect of Blanching Methods and Extractions on Quality of Edamame Milk Product*. 2(2), 129–135.
- Anggrahini, S. 2007. Effect of germinating time on the  $\alpha$ -tocopherol and proximate content ofmung bean sprout (*Phaseolus radiatus* L.). In *Agritech* (Vol. 27, Issue 4, pp. 152–157). <https://doi.org/10.22146/agritech.9850>
- Anita, Sri. 2009. *Studi Sifat Fisiko-Kimia, Sifat Fungsional Karbohidrat, Dan Aktivitas Antioksidan Tepung Kecambah Kacang Komak (Lablab purpureus (L.) sweet)*. Thesis IPB Bogor, 2(5), 255.
- AOAC. 2005. *Aoac 2005.Pdf*.
- Arif, A. B. dan A. B. 2014. *Nilai Indeks Glikemik Produk Pangan Dan Faktor-Faktor Yang Memengaruhinya. Jurnal Penelitian Dan Pengembangan Pertanian*.
- Asadi. 2009. *Karakterisasi Plasma Nutfah untuk Perbaikan Varietas Kedelai Sayur ( Edamame )*. *Buletin Plasma Nutfah*, 15(2), 59–69.
- Ayu, D. C., & Yuwono, S. S. 2014. *Pengaruh Suhu Blansing Dan Lama Perendaman Terhadap Sifat Fisik Kimia Tepung Kimpul ( Xanthosoma Sagittifolium ) Influence of Blanching Temperature and Immersion Length on Psychochemical Characteristic of Taro Flour ( Xanthosoma sagittifolium )*. 2(2), 110–120.
- Bambang S., Sri K., Cahya S. U. 2017. *Change of Rafinosa, Glucosa, Manosa, Arabinosa and Sukrosa Wheat Pollard Due To the Old Steam and Different*

*Water Addition*. Fakultas Peternakan Dan Pertanian Universitas Diponegoro Semarang, Jurnal Litbang Provinsi Jawa Tengah, 161–169.

- Chau, C. F., & Huang, Y. L. 2003. Comparison of the chemical composition and physicochemical properties of different fibers prepared from the peel of citrus sinensis L. Cv. Liucheng. *Journal of Agricultural and Food Chemistry*, 51(9), 2615–2618. <https://doi.org/10.1021/jf025919b>
- Coolong. 2009. Edamame. *Journal of Food Composition and Analysis*, 1(1), 5–15.
- Cornelia, M., & Lianto, I. S. 2020. Utilization of Edamame Bean Flour ( *Glycine Max L . Merr* ) in Making of High Protein and Low Sugar Cookies. *Advances in Engineering Research*, 194 , 205–209.
- Cox, S. R., Prince, A. C., Myers, C. E., Irving, P. M., Lindsay, J. O., Lomer, M. C., & Whelan, K. 2017. Fermentable carbohydrates [FODMAPs] exacerbate functional gastrointestinal symptoms in patients with inflammatory bowel disease: A randomised, double-blind, placebo-controlled, cross-over, re-challenge trial. *Journal of Crohn's and Colitis*, 11(12), 1420–1429. <https://doi.org/10.1093/ecco-jcc/jjx073>
- Dawson-Hughes, B. 2003. Interaction of dietary calcium and protein in bone health in humans. *Journal of Nutrition*, 133(3), 63–68. <https://doi.org/10.1093/jn/133.3.852s>
- Ekvall, J., Stegmark, R., & Nyman, M. 2007. Article In Press Optimization of extraction methods for determination of the raffinose family oligosaccharides in leguminous vine peas ( *Pisum sativum L .* ) and effects of blanching. *Journal of Food Composition and Analysis*, 20, 13–18. <https://doi.org/10.1016/j.jfca.2006.06.010>
- Ferdiawan, N., & Dwiloka, D. B. 2019. Pengaruh Lama Waktu Germinasi terhadap Sifat Fisik dan Sifat Kimia Tepung Kacang Tolo ( *Vigna unguiculata L* ) Effect of Germination Time on Physical Properties and Chemical Properties of *Vigna unguiculata L*. *Jurnal Teknologi Pangan*, 3(2), 349–354.
- G. Nyombaire, M. Siddiq, K. D. 2002. *Effect Of Soaking And Cooking On The Oligosaccharides And Lectins In Red Kidney Beans (Phaseolus Vulgaris L.)* *Journal of Food Science and Human Nutrition* G. 31–32.
- Han, I. H., & Baik, B. 2015. Oligosaccharide Content and Composition of Legumes and Their Reduction by Soaking , Cooking , Ultrasound , and High Hydrostatic Pressure. *Agricultural Research Service*. <https://doi.org/10.1094/CC-83-0428>
- Hartoyo, A., & Sunandar, F. H. 2006. Pemanfaatan Tepung Komposit Ubi Jalar Putih ( *Ipomea batatas L* ), Kecambah Kedelai ( *Glycine max Merr.* ) dan

Kecambah Kacang Hijau (*Virginia radiata L*) sebagai Substituen Parsial Terigu dalam Produk Pangan Alternatif Biskuit Kaya Energi Protein. *Jurnal Teknologi dan Industri Pangan*

Herwati. 2014. *Berdasarkan Pola Diet Dan Kebiasaan Olah Raga*. 8(1), 8–14.

Kumar, V., Rani, A., Goyal, L., Dixit, A. K., Manjaya, J. G., Dev, J., & Swamy, M. 2010. Sucrose and raffinose family oligosaccharides (RFOs) in soybean seeds as influenced by genotype and growing location. *Journal of Agricultural and Food Chemistry*, 58(8), 5081–5085. <https://doi.org/10.1021/jf903141s>

Kurniawan, L. k., Dwi, I., & Siswanti. 2020. Karakteristik Kimia, Fisik dan Tingkat Kesukaan Panelis pada Snack Bar Tepung Edamame (*Glycine max (L.) Merr.*) dan Tepung Kacang Hijau (*Vigna radiata*) dengan Penambahan Flakes Talas (*Colocasia esculenta*). *Jurnal Teknologi Hasil Pertanian*, XIII(1), 20–28.

Muchtadi, D. 2012. Pangan Fungsional dan Senyawa Bioaktif. *Alfabeta*, 16–17, 16–17.

Ntau, L., Sumual, M. F., & Assa, J. R. 2017. Pengaruh fermentasi lactobacillus casei terhadap sifat fisik tepung jagung manis (*Zea mays saccharata Sturt*). *Jurnal Ilmu Dan Teknologi Pangan*, 5(2), 11–19.

Nugroho, M. 2011. Pengaruh Pre Gelatinisasi Terhadap Karakteristik Tepung Singkong. *Teknologi Pangan: Media Informasi Dan Komunikasi Ilmiah Teknologi Pertanian*, 1(1), 1–15. <https://doi.org/10.35891/tp.v1i1.474>

Oboh, H., Burbano, C., & Cuadrado, C. 2000. Effect of soaking , cooking and germination on the oligosaccharide content of selected Nigerian legume seeds Effect of soaking , cooking and germination on the oligosaccharide content of selected Nigerian legume seeds. *Plant Foods for Human Nutrition*, February. <https://doi.org/10.1023/A>

Odoemela, S. A. 2003. A B 1 1. *Chemical Composition and Functional Properties of Conophor Nut (Tetracarpidium Conophorum) Flour*. *International Journal of Food Science and Technology*, 38: 729-734., 4(10), 797–803. <https://doi.org/10.12691/jfnr-4-10-5>

Pangastuti, H. A., Affandi, D. R., & Ishartani, D. 2013. Karakterisasi Sifat Fisik Dan Kimia Tepung Kacang Merah (*Phaseolus Vulgaris L.*) Dengan Beberapa Perlakuan Pendahuluan. Physical And Chemical Properties Characterization Of Red Kidney Bean (*Phaseolus Vulgaris L.*) Flour By Some Processing Treatment. *Jurnal Teknosains Pangan*, 2(2), 2302–2733.

Redondo, et al. 2006. Chemical Composition and Dietary Fibre of Yellow and Green Commercial Soybean (*Glycine max*). *Food Chemistry*., 101, 1–22.

- Retna Gilang, Dian Rachmawanti Affandi, D. I., & 2013. Karakteristik Fisik Dan Kimia Tepung Koro Pedang (*Canavalia Ensiformis*) Dengan Variasi Perlakuan Pendahuluan *Jurnal Teknosains Pangan*. 2(3).
- Salahudin F. dan Pramono PutroUtomo 2012. *Pengurangann Rafinosa dan Stakiosa Oleh Rhizopus oryzae dan Lactobacillus plantarum Pada Fermentasi Kedelai*. Biopropal Industri, 71–75.
- Samruan, W., Oonsivilai, A., Oonsivilai, R., & Soybean, A. S. P. 2012. Soybean and Fermented Soybean Extract Antioxidant Activities. *International Scholarly and Scientific Research & Innovation*, 6(12), 1134–1137.
- Sciarappa. 2004. *Fact sheet. Figure 3*, 3–6.
- Shad, M. A., Nawaz, H., Noor, M., Ahmad, H. B., Hussain, M., & Choudhry, M. A. 2013. Functional properties of maize flour and its blends with wheat flour: Optimization of preparation conditions by response surface methodology. *Pakistan Journal of Botany*, 45(6), 2027–2035. <https://doi.org/10.13140/2.1.4326.9760>
- Shanmugasundaram. Cheng, M.T. Huang, and M.R. Yan. 1991. *Varietal improvement of vegetable soybean in Taiwan. In Vegetable Soybean. Research Needs for Production and Quality Improvement. AVRDC*. 1991.
- Sutariati, G. A. K. 2002. *Kacang-kacangan, Si Gurih Kaya Gizi*. Makalah Pengantar Falsafah Sains. Program Pasca Sarjana. Institut Pertanian Bogor.
- Suter, I. ketut. 2013. Pangan Fungsional dan Prospek Pengembangannya. Makalah disajikan pada Seminar Sehari dengan tema ”Pentingnya Makanan Alamiah (*Natural Food*) Untuk Kesehatan Jangka Panjang”. *Teknologi Pangan*, 1–17.
- Tien R. Muchtadi. 2010. *Ilmu Pengetahuan Bahan Pangan*. Alfabeta, Yogyakarta
- Triandita, N., & Eska Putri, N. 2019. Peranan Kedelai dalam Mengendalikan Penyakit Degeneratif The Role of Soybean in Control of Degenerative Disease. *Teknologi Pengolahan Pertanian*, 1(1), 6–17.
- Uthumporn, U., Laila, D. L., Rabeta, M. S., Aida, H., & Ruri, A. S. 2016. Effects of different cooking methods on the physico-chemical and quality attributes of eggplants. *International Journal on Advanced Science, Engineering and Information Technology*, 6(4), 460–464. <https://doi.org/10.18517/ijaseit.6.4.817>
- Wa Ode, N. 2020. Komposisi Fisikokimia Tepung Ubi Kayu dan Mocaf dari Tiga Genotipe Ubi Kayu Hasil Pemuliaan. *Jurnal Keteknikan Pertanian*, 8(3), 1–9.
- Williamson, G., Bioavailability, M. C., & Clin, A. J. 2005. *Bioavailability and bioefficacy of polyphenols in humans . Review of 93 intervention studies 1 – 4. February*.

- Winarno, F. 2004. *Kimia Pangan dan Gizi*. Perpustakaan Utama Gramedia.
- Winarti, S. 2010. *Makanan Fungsional*. Yogyakarta: Graha Ilmu.
- Xu, Y., Barbaro, J., Reese, F., Languigne, A., Rutto, L., & Kering, M. 2015. Physicochemical, functional and microstructural characteristics of vegetable soybean (*Glycine max*) as affected by variety and cooking process. *Journal of Food Measurement and Characterization*, 9(3), 471–478. <https://doi.org/10.1007/s11694-015-9255-2>