

DAFTAR PUSTAKA

- Ahn, Y.-O., Kim, S.-H., Lee, H.-S., Lee, J.-S., Ma, D., & Kwak, S.-S. (2009). Contents of low molecular weight antioxidants in the leaves of different sweetpotato cultivars at harvest. *Journal of Plant Biotechnology*, 36(3), 214–218. <https://doi.org/10.5010/jpb.2009.36.3.214>
- Alaşalvar, H., & Cam, M. (2019). Process for production of ready to drink iced teas from sage (*Salvia officinalis L.*) and linden (*Tilia cordata*): pressurized hot water extraction and spray drying. *Journal of Biological Sciences*. 28, 779–785. <https://doi.org/10.1007/s10068-018-0538-3>
- Albert, K., Tóth, C., Verasztó, B., Vatai, G., & Koris, A. (2016). Microencapsulation analysis based on membrane technology: Basic research of spherical, solid precursor microcapsule production. *Periodica Polytechnica Chemical Engineering*, 60(1), 49–53. <https://doi.org/10.3311/PPch.8500>
- Amini, Y., Amel Jamehdar, S., Sadri, K., Zare, S., Musavi, D., & Tafaghodi, M. (2017). Different methods to determine the encapsulation efficiency of protein in PLGA nanoparticles. *Bio-Medical Materials and Engineering*, 28(6), 613–620. <https://doi.org/10.3233/BME-171705>
- Anandharamakrishnan, C.; Ishwarya, S. P. (2015). *Spray Drying Techniques for Food Ingredient Encapsulation-Wiley-Blackwell (2015)*.
- Aprilia, V., Murdiati, A., Hastuti, P., & Harmayani, E. (2017). Carboxymethylation of Glucomannan from Porang Tuber (*Amorphophallus oncophyllus*) and the Physicochemical Properties of the Product. *Pakistan Journal of Nutrition ISSN*. <https://doi.org/10.3923/pjn.2017.835.842>
- Avadi, M. R., Sadeghi, A. M. M., Mohammadpour, N., Abedin, S., Atyabi, F.,

- Dinarvand, R., & Rafiee-Tehrani, M. (2010). Preparation and characterization of insulin nanoparticles using chitosan and Arabic gum with ionic gelation method. *Nanomedicine: Nanotechnology, Biology, and Medicine*, 6(1), 58–63. <https://doi.org/10.1016/j.nano.2009.04.007>
- Bae, E. K., & Lee, S. J. (2008). Microencapsulation of avocado oil by spray drying using whey protein and maltodextrin. *Journal of Microencapsulation*, 25(8), 549–560. <https://doi.org/10.1080/02652040802075682>
- Balasubramani, P., Palaniswamy, P. T., Visvanathan, R., Thirupathi, V., Subbarayan, A., & Prakash Maran, J. (2015). Microencapsulation of garlic oleoresin using maltodextrin as wall material by spray drying technology. *International Journal of Biological Macromolecules*, 72, 210–217. <https://doi.org/10.1016/j.ijbiomac.2014.08.011>
- Bassani, D. C., Nunes, D. S., & Granato, D. (2014). Optimization of phenolics and flavonoids extraction conditions and antioxidant activity of roasted yerba-mate leaves (*Ilex paraguariensis* A. St.-Hil., Aquifoliaceae) using response surface methodology. *Anais Da Academia Brasileira de Ciencias*, 86(2), 923–933. <https://doi.org/10.1590/0001-3765201420130019>
- Benzie, I. F. F., & Strain, J. J. (1996). *The Ferric Reducing Ability of Plasma (FRAP) as a Measure of “Antioxidant Power”*: The FRAP Assay. 76, 70–76.
- Bhandari, B. R., Senoussi, A., Dumoulin, E. D., & Lebert, A. (1993). Spray Drying of Concentrated Fruit Juices. *Drying Technology*, 11(5), 1081–1092. <https://doi.org/10.1080/07373939308916884>
- Blum-Silva, C. H., Chaves, V. C., Schenkel, E. P., Coelho, G. C., & Reginatto, F.

- H. (2015). The influence of leaf age on methylxanthines, total phenolic content, and free radical scavenging capacity of *ilex paraguariensis* aqueous extracts. *Revista Brasileira de Farmacognosia*, 25(1), 1–6. <https://doi.org/10.1016/j.bjp.2015.01.002>
- Cahaya, A. P., Syaflan, M., & Ngatirah, N. (2018). Probiotic (*Lactobacillus casei*) Encapsulation Using the Method of Spray Drying with Combined Prebiotic from Iles-Iles (*Amorphopallus oncophyllus*) and Protectant Agent (Skim Milk, Gum Arabic, Maltodextrin). *Indonesian Food and Nutrition Progress*, 15(2), 61. <https://doi.org/10.22146/ifnp.33423>
- Caliskan, G., & Nur Dirim, S. (2013). The effects of the different drying conditions and the amounts of maltodextrin addition during spray drying of sumac extract. *Food and Bioproducts Processing*, 91(4), 539–548. <https://doi.org/10.1016/j.fbp.2013.06.004>
- Chengcheng Zhang, Daqun Liu, Liehong Wu, Jianming Zhang, X. L. and W. (2019). Chemical Characterization and Antioxidant. *Foods*, (18), 1–14.
- Cilek, B., Luca, A., Hasirci, V., Sahin, S., & Sumnu, G. (2012). Microencapsulation of phenolic compounds extracted from sour cherry pomace: Effect of formulation, ultrasonication time and core to coating ratio. *European Food Research and Technology*, 235(4), 587–596. <https://doi.org/10.1007/s00217-012-1786-8>
- Cilek Tatar, B., Sumnu, G., & Oztop, M. (2019). Microcapsule characterization of phenolic powder obtained from strawberry pomace. *Journal of Food Processing and Preservation*, 43(6), 1–8. <https://doi.org/10.1111/jfpp.13892>
- Da Rosa, C. G., Borges, C. D., Zambiazzi, R. C., Rutz, J. K., da Luz, S. R.,

- Krumreich, F. D., ... Nunes, M. R. (2014). Encapsulation of the phenolic compounds of the blackberry (*Rubus fruticosus*). *LWT - Food Science and Technology*, 58(2), 527–533. <https://doi.org/10.1016/j.lwt.2014.03.042>
- Dachriyanus, D. (2017). Analisis Struktur Senyawa Organik Secara Spektroskopi. In *Analisis Struktur Senyawa Organik Secara Spektroskopi*. <https://doi.org/10.25077/car.3.1>
- De Garmo, E.P., W.G. Sullivan, dan C.R Candra. 1984. Engineering Economy. 7th edition Mc Millan Publ. Co. New York.
- Gabas, A. L., Telis, V. R. N., Sobral, P. J. A., & Telis-Romero, J. (2007). Effect of maltodextrin and arabic gum in water vapor sorption thermodynamic properties of vacuum dried pineapple pulp powder. *Journal of Food Engineering*, 82(2), 246–252. <https://doi.org/10.1016/j.jfoodeng.2007.02.029>
- Ghasemzadeh, A., Omidvar, V., & Jaafar, H. Z. E. (2012). Polyphenolic content and their antioxidant activity in leaf extract of sweet potato (*Ipomoea batatas*). *Journal of Medicinal Plants Research*, 6(15). <https://doi.org/10.5897/jmpr11.1353>
- Harmayani, E., Aprilia, V., & Marsono, Y. (2014). Characterization of glucomannan from *Amorphophallus oncophyllus* and its prebiotic activity in vivo. *Carbohydrate Polymers*, 112, 475–479. <https://doi.org/10.1016/j.carbpol.2014.06.019>
- Islam, M. S., Yoshimoto, M., & Yamakawa, O. (2003). Distribution and physiological functions of caffeoylquinic acid derivatives in leaves of sweetpotato genotypes. *Journal of Food Science*, 68(1), 111–116. <https://doi.org/10.1111/j.1365-2621.2003.tb14124.x>



- Islam, S. (2006). Sweetpotato ([Ipomoea batatas L.](#)) Leaf: Its Potential Effect on Human Health and Nutrition. *Journal of Food Science*, 71(2), R13–R121. <https://doi.org/10.1111/j.1365-2621.2006.tb08912.x>
- Jafari, S.M, Assadpoor, E., Bhandari, B., & He, Y. (2008). *Nano-particle encapsulation of fish oil by spray drying*. 41, 172–183. <https://doi.org/10.1016/j.foodres.2007.11.002>
- Jafari, Seid Mahdi, Assadpoor, E., He, Y., & Bhandari, B. (2008). Encapsulation efficiency of food flavours and oils during spray drying. *Drying Technology*, 26(7), 816–835. <https://doi.org/10.1080/07373930802135972>
- Kays, S. J. (2005). Sweetpotato production worldwide: Assessment, trends and the future. *Acta Horticulturae*, 670, 19–25. <https://doi.org/10.17660/ActaHortic.2005.670.2>
- Krochmal-Marczak, B., Cebulak, T., Kapusta, I., Oszmiański, J., Kaszuba, J., & Zurek, N. (2020). The content of phenolic acids and flavonols in the leaves of nine varieties of sweet potatoes ([Ipomoea batatas L.](#)) depending on their development, grown in central Europe. *Molecules*, 25(15). <https://doi.org/10.3390/molecules25153473>
- Kumoro, A. C., Retnowati, D. S., & Ratnawati, R. (2019). Chemical Compositions Changes during Hot Extrusion at Various Barrel Temperatures for Porang (*Amorphophallus Oncophyllus*) Tuber Flour Refining Chemical Compositions Changes during Hot Extrusion at Various Barrel Temperatures for Porang (*Amorphophallus*. *Journal of Physics*. <https://doi.org/10.1088/1742-6596/1175/1/012279>
- Kurata, R., Adachi, M., Yamakawa, O., & Yoshimoto, M. (2007). Growth

- suppression of human cancer cells by polyphenolics from sweetpotato ([Ipomoea batatas L.](#)) leaves. *Journal of Agricultural and Food Chemistry*, 55(1), 185–190. <https://doi.org/10.1021/jf0620259>
- Lafarge, C., & Cayot, N. (2018). Potential Use of Mixed Gels from Konjac Glucomannan and Native Starch for Encapsulation and Delivery of Aroma Compounds: A Review. *Starch/Staerke*, 70(9–10), 1–34. <https://doi.org/10.1002/star.201700159>
- Laila, U., Rochmadi, & Pudjiraharti, S. (2019). Microencapsulation of purple-fleshed sweet potato anthocyanins with Chitosan-sodium tripolyphosphate by using emulsification-crosslinking technique. *Journal of Mathematical and Fundamental Sciences*, 51(1), 29–46. <https://doi.org/10.5614/j.math.fund.sci.2019.51.1.3>
- Li, Y., Deng, R., Chen, N., Pan, J., & Pang, J. (2013). Review of Konjac Glucomannan: Isolation, Structure, Chain Conformation and Bioactivities. *Journal of Single Molecule Research*, 1(1), 7. <https://doi.org/10.12966/jsmr.07.03.2013>
- Lima, E. M. F., Madalão, M. C. M., Benincá, D. B., Saraiva, S. H., & Silva, P. I. (2019a). Effect of encapsulating agent and drying air temperature on the characteristics of microcapsules of anthocyanins and polyphenols from juçara (*Euterpe edulis Martius*). *International Food Research Journal*, 26(2), 607–617.
- Lima, E. M. F., Madalão, M. C. M., Benincá, D. B., Saraiva, S. H., & Silva, P. I. (2019b). *Effect of encapsulating agent and drying air temperature on the characteristics of microcapsules of anthocyanins and polyphenols from juçara*

Effect of encapsulating agent and drying air temperature on the characteristics of microcapsules of anthocyanins a. (April).

Lobo, V., Patil, A., Phatak, A., & Chandra, N. (2010). Free radicals, antioxidants and functional foods: Impact on human health. *Pharmacognosy Reviews*, 4(8), 118–126. <https://doi.org/10.4103/0973-7847.70902>

Lopera, Y. E., Fantinelli, J., González Arbeláez, L. F., Rojano, B., Ríos, J. L., Schinella, G., & Mosca, S. (2013). Antioxidant activity and cardioprotective effect of a nonalcoholic extract of *Vaccinium meridionale* Swartz during ischemia-reperfusion in rats. *Evidence-Based Complementary and Alternative Medicine*, 2013. <https://doi.org/10.1155/2013/516727>

Luca, A., Cilek, B., Hasirci, V., Sahin, S., & Sumnu, G. (2013). Effect of Degritting of Phenolic Extract from Sour Cherry Pomace on Encapsulation Efficiency-Production of Nano-suspension. *Food and Bioprocess Technology*, 6(9), 2494–2502. <https://doi.org/10.1007/s11947-012-0880-z>

Ludvik, B., Hanefeld, M., & Pacini, M. (2008). Improved metabolic control by *Ipomoea batatas* (Caiapo) is associated with increased adiponectin and decreased fibrinogen levels in type 2 diabetic subjects. *Diabetes, Obesity and Metabolism*, 10(7), 586–592. <https://doi.org/10.1111/j.1463-1326.2007.00752.x>

Mahmood, N., Moore, P. ., De Tommasi, N., De Simone, F., Colman, S., Hay, A. ., & Pizza, C. (2008). Rosmarinic acid protects human dopaminergic neuronal cells against hydrogen peroxide-induced apoptosis. *Toxicology*, 250(2–3), 109–115. <https://doi.org/10.1016/j.tox.2008.06.010>

Mishra, P., Mishra, S., & Mahanta, C. L. (2014). Effect of maltodextrin

concentration and inlet temperature during spray drying on physicochemical and antioxidant properties of amla (*Embllica officinalis*) juice powder. *Food and Bioproducts Processing*, 92(3), 252–258.
<https://doi.org/10.1016/j.fbp.2013.08.003>

Molyneux, P. (2004). The Use of the Stable Free Radical Diphenylpicryl-hydrazyl (DPPH) for Estimating Antioxidant Activity. *Songklanakarinn Journal of Science and Technology*, 26(December 2003), 211–219.
<https://doi.org/10.1287/isre.6.2.144>

Mujumdar, A. S. (1995). Drying Technology: An International Journal. *Drying Technology*, 13(1–2), v. <https://doi.org/10.1080/07373939508902366>

Nambiar, R. B., Sellamuthu, P. S., & Perumal, A. B. (2017). Microencapsulation of Tender Coconut Water by Spray Drying: Effect of Moringa oleifera Gum, Maltodextrin Concentrations, and Inlet Temperature on Powder Qualities. *Food and Bioprocess Technology*, 10(9), 1668–1684.
<https://doi.org/10.1007/s11947-017-1934-z>

Padda, M. S., & Picha, D. H. (2007). Antioxidant activity and phenolic composition in “beauregard” sweetpotato are affected by root size and leaf age. *Journal of the American Society for Horticultural Science*, 132(4), 447–451.
<https://doi.org/10.21273/jashs.132.4.447>

Paramera, E. I., Konteles, S. J., & Karathanos, V. T. (2011). Microencapsulation of curcumin in cells of *Saccharomyces cerevisiae*. *Food Chemistry*, 125(3), 892–902. <https://doi.org/10.1016/j.foodchem.2010.09.063>

Patel Parul, K., Satwara Rohan, S., & Pandya, S. S. (2012). Bacteria aided biopolymers as carriers for colon specific drug delivery system: A review.

International Journal of PharmTech Research, 4(3), 1192–1214.

- Pickering, R. J. (2021). Oxidative stress and inflammation in cardiovascular diseases. *Antioxidants*, 10(2), 1–2. <https://doi.org/10.3390/antiox10020171>
- Pourashouri, P., Shabanpour, B., Razavi, S. H., Jafari, S. M., Shabani, A., & Aubourg, S. P. (2014). Oxidative stability of spray-dried microencapsulated fish oils with different wall materials. *Journal of Aquatic Food Product Technology*, 23(6), 567–578. <https://doi.org/10.1080/10498850.2012.738357>
- Prazeres, A. R., Carvalho, F., & Rivas, J. (2012). Cheese whey management: A review. *Journal of Environmental Management*, 110, 48–68. <https://doi.org/10.1016/J.JENVMAN.2012.05.018>
- Rafiee, Z., Jafari, S. M., Alami, M., & Khomeiri, M. (2011). Rafiee, Z., Jafari, S.M., Alami, M., Khomeiri, M. Microwave-assisted extraction of phenolic compounds from olive leaves; a comparison with maceration (2011). *The Journal of Animal and Plant Sciences*, 21(4), 738–745. Rafiee, Z., Jafari, S.M., Alami, M., Khomeiri, M. Microwave-Assisted Extraction of Phenolic Compounds from Olive Leaves; a Comparison with Maceration (2011),” *J. Anim. Plant Sci.*, Vol. 21, 21(4), 738–745.
- Rigon, R. T., & Zapata Noreña, C. P. (2016). Microencapsulation by spray-drying of bioactive compounds extracted from blackberry (*rubus fruticosus*). *Journal of Food Science and Technology*, 53(3), 1515–1524. <https://doi.org/10.1007/s13197-015-2111-x>
- Saéñz, C., Tapia, S., Chávez, J., & Robert, P. (2009). Microencapsulation by spray drying of bioactive compounds from cactus pear (*Opuntia ficus-indica*). *Food Chemistry*, 114(2), 616–622. <https://doi.org/10.1016/j.foodchem.2008.09.095>

- Safitri, A. H., Tyagita, N., & Nasihun, T. (2017). *Porang Glucomannan Supplementation Improves Lipid Profile in Metabolic Syndrome Induced Rats*.
<https://doi.org/10.18311/jnr/2017/18125>
- Sakawulan, D., Archer, R., & Borompichaichartkul, C. (2019). *Enhancing antioxidant property of instant coffee by microencapsulation via spray drying*. (September), 11–14. <https://doi.org/10.4995/ids2018.2018.7520>
- Saleh, K., & Guigon, P. (2007). Chapter 7 Coating and encapsulation processes in powder technology. *Handbook of Powder Technology*, 11, 323–375.
[https://doi.org/10.1016/S0167-3785\(07\)80042-X](https://doi.org/10.1016/S0167-3785(07)80042-X)
- Samad, N., & Javed, A. (2018). Therapeutic Effects of Gallic Acid: Current Scenario. *Journal of Phytochemistry & Biochemistry*, 2(2).
- Sansone, F., Mencherini, T., Picerno, P., D'Amore, M., Aquino, R. P., & Lauro, M. R. (2011). Maltodextrin/pectin microparticles by spray drying as carrier for nutraceutical extracts. *Journal of Food Engineering*, 105(3), 468–476.
<https://doi.org/10.1016/j.jfoodeng.2011.03.004>
- Santana, A. A., de Oliveira, R. A., Pinedo, A. A., Kurozawa, L. E., & Park, K. J. (2013). Microencapsulation of babassu coconut milk. *Food Science and Technology*, 33(4), 737–744. <https://doi.org/10.1590/S0101-20612013000400020>
- Santiago-Adame, R., Medina-Torres, L., Gallegos-Infante, J. A., Calderas, F., González-Laredo, R. F., Rocha-Guzmán, N. E., ... Bernad-Bernad, M. J. (2015). Spray drying-microencapsulation of cinnamon infusions (*Cinnamomum zeylanicum*) with maltodextrin. *LWT - Food Science and Technology*, 64(2), 571–577. <https://doi.org/10.1016/j.lwt.2015.06.020>

- Silva, M. A., Sobral, P. J. A., & Kieckbusch, T. G. (2006). State diagrams of freeze-dried camu-camu (*Myrciaria dubia* (HBK) Mc Vaugh) pulp with and without maltodextrin addition. *Journal of Food Engineering*, 77(3), 426–432. <https://doi.org/10.1016/j.jfoodeng.2005.07.009>
- Soong, Y. Y., & Barlow, P. J. (2004). Antioxidant activity and phenolic content of selected fruit seeds. *Food Chemistry*, 88(3), 411–417. <https://doi.org/10.1016/j.foodchem.2004.02.003>
- Sreelatha, S., & Padma, P. R. (2009). Antioxidant activity and total phenolic content of *Moringa oleifera* leaves in two stages of maturity. *Plant Foods for Human Nutrition*, 64(4), 303–311. <https://doi.org/10.1007/s11130-009-0141-0>
- Stahl, W., & Sies, H. (2003). Antioxidant activity of carotenoids. *Molecular Aspects of Medicine*, 24(6), 345–351. [https://doi.org/10.1016/S0098-2997\(03\)00030-X](https://doi.org/10.1016/S0098-2997(03)00030-X)
- Suárez, S., Mu, T., Sun, H., & Añón, M. C. (2020). Antioxidant activity, nutritional, and phenolic composition of sweet potato leaves as affected by harvesting period. *International Journal of Food Properties*, 23(1), 178–188. <https://doi.org/10.1080/10942912.2020.1716796>
- Suda, I., Oki, T., Masuda, M., Kobayashi, M., Nishiba, Y., & Furuta, S. (2003). Physiological Functionality of Purple-Fleshed Sweet Potatoes Containing Anthocyanins and Their Utilization in Foods. *Japan Agricultural Research Quarterly*, 37(3), 167–173. <https://doi.org/10.6090/jarq.37.167>
- Susanti, N. M. P., Dewi, L. P. M. K., Manurung, H. S., & Wirasuta, I. M. A. G. (2017). Identification Of Phenol Compound In Green Piper betle Leaf Ethanol

Extract By The TLC-Spectrophotodensitometry. *Jurnal Metamorfosa*, 4(1), 108–113.

Taylor, P., Adamiec, J., Borompichaichartkul, C., Srzednicki, G., Panket, W., Piriypunsakul, S., ... Panket, W. (2012). *Microencapsulation of Kaffir Lime Oil and Its Functional Properties*. *Microencapsulation of Kaffir Lime Oil and Its Functional Properties*. (May), 37–41. <https://doi.org/10.1080/07373937.2012.666777>

Tonon, R. V., Brabet, C., & Hubinger, M. D. (2008). Influence of process conditions on the physicochemical properties of açai (*Euterpe oleraceae* Mart.) powder produced by spray drying. *Journal of Food Engineering*, 88(3), 411–418. <https://doi.org/10.1016/j.jfoodeng.2008.02.029>

Truong, V. D., McFeeters, R. F., Thompson, R. T., Dean, L. L., & Shofran, B. (2007). Phenolic acid content and composition in leaves and roots of common commercial sweetpotato (*Ipomea batatas L.*) cultivars in the United States. *Journal of Food Science*, 72(6), 343–349. <https://doi.org/10.1111/j.1750-3841.2007.00415.x>

Vladić, J., Ambrus, R., Szabó-Révész, P., Vasić, A., Cvejic, A., Pavlić, B., & Vidović, S. (2016). Recycling of filter tea industry by-products: Production of *A. millefolium* powder using spray drying technique. *Industrial Crops and Products*, 80, 197–206. <https://doi.org/10.1016/j.indcrop.2015.11.085>

Wang, K., Fan, J., Liu, Y., & He, Z. (2010). Konjac glucomannan and xanthan gum as compression coat for colonic drug delivery: Experimental and theoretical evaluations. *Frontiers of Chemical Engineering in China*, 4(1), 102–108. <https://doi.org/10.1007/s11705-009-0299-x>

- Wattanaprasert, S., Borompichaichartkul, C., Vaithanomsat, P., & Srzednicki, G. (2017). Konjac glucomannan hydrolysate: A potential natural coating material for bioactive compounds in spray drying encapsulation. *Engineering in Life Sciences, 17*(2), 145–152. <https://doi.org/10.1002/elsc.201600016>
- Wojdyło, A., Oszmiański, J., & Czemerys, R. (2007). Antioxidant activity and phenolic compounds in 32 selected herbs. *Food Chemistry, 105*(3), 940–949. <https://doi.org/10.1016/j.foodchem.2007.04.038>
- Yang, J., Xiao, J. X., & Ding, L. Z. (2009). An investigation into the application of konjac glucomannan as a flavor encapsulant. *European Food Research and Technology, 229*(3), 467–474. <https://doi.org/10.1007/s00217-009-1084-2>
- Yanuriati, A., Wiseso, D., & Harmayani, E. (2017). Characteristics of glucomannan isolated from fresh tuber of Porang (*Amorphophallus muelleri* Blume). *Carbohydrate Polymers, 156*, 56–63. <https://doi.org/10.1016/j.carbpol.2016.08.080>
- Yin, L., Xiaopei, W. U., Yongshun, C., Chongyan, L., Tingting, Y., & Qinghua, C. (2013). *Biological Performances Investigation of KGM / SH fiber membranes. 738*, 61–66. <https://doi.org/10.4028/www.scientific.net/AMR.738.61>
- Yoshimoto, M., Yahara, S., Okuno, S., Islam, M. S., Ishiguro, K., & Yamakawa, O. (2002). Antimutagenicity of mono-, di-, and tricaffeoylquinic acid derivatives isolated from sweetpotato (*Ipomoea batatas L.*) leaf. *Bioscience, Biotechnology and Biochemistry, 66*(11), 2336–2341. <https://doi.org/10.1271/bbb.66.2336>
- Yuliani, S., & Harimurti, N. (2007). *Pengaruh Laju Alir Umpan Dan Suhu Inlet Spray Drying. 4*(1), 18–26.

- Zhang, C., Chen, J. Da, & Yang, F. Q. (2014). Konjac glucomannan, a promising polysaccharide for OCDDS. *Carbohydrate Polymers*, *104*(1), 175–181.
<https://doi.org/10.1016/j.carbpol.2013.12.081>
- Zheng, W., & Clifford, M. N. (2008). Profiling the chlorogenic acids of sweet potato (*Ipomoea batatas*) from China. *Food Chemistry*, *106*(1), 147–152.
<https://doi.org/10.1016/j.foodchem.2007.05.053>
- Zuidam, N. J., & Nedović, V. A. (2010). Encapsulation technologies for active food ingredients and food processing. *Encapsulation Technologies for Active Food Ingredients and Food Processing*, (January 1970), 1–400.
<https://doi.org/10.1007/978-1-4419-1008-0>