

## BIBLIOGRAPHY

- American Dietetic Association, 2008. Health Implication of Dietary Fiber. *Journal of American Dietetic Association* (108): 1716 – 1731.
- Aftasari, F., 2003. Sifat Fisikokimia dan Organoleptik Sponge Cake yang Ditambah Tepung Bekatul Rendah Lemak. Bogor: Institut Pertanian Bogor.
- Akingbala, J. O., Falade, K. O., and Ogunjobi, M. A., 2011. The Effect of Root Maturity, Preprocess Holding and Flour Storage on the Quality of Cassava Biscuit. *Food Bioprocess Technology* 4:451 – 457.
- Alvita, O. N., Rohimah, E., and Mulyani, S. R., 2007. Sereal Bekatul sebagai Alternatif *Added Value* Residu Penggilingan Padi, *National Paper Competition of Agriculture Sector*. Bogor: Institut Pertanian Bogor.
- AOAC International. 2005. *Official Methods of Analysis, 18<sup>th</sup> ed.* USA: AOAC International.
- BadanPusatStatistik. 2012. “Produksi Tanaman Padi Indonesia,” *BPS Online*. Home page online. Available from [http://www.bps.go.id/tnmn\\_pgn.php?kat=3](http://www.bps.go.id/tnmn_pgn.php?kat=3); Internet; accessed on May 6<sup>th</sup> 2012.
- Barbosa-Canovas, G. V., 2007. *Water Activity in Foods: Fundamentals and Applications*. USA: John Wiley and Sons.
- Belitz, H.D., Grosch, W., and Schieberle, P., 2009. *Food Chemistry*. Germany: Springer.
- Berger, Ralf G., 2007. *Flavours and Fragrances: Chemistry, Bioprocessing and Sustainability*. Germany: Springer.
- Brennan, J. G., and Grandison, A. S., 2011. *Food Processing Handbook*. Germany: John Wiley and Sons
- Brown, A., 2008. *Understanding Food*. USA: Thomson Wadsworth.
- Bunde, M. C., Osundahunsi, F. O. and Akinoso, R., 2010. Supplementation of Biscuit Using Rice Bran and Soybean Flour.” *Journal of Food, Agriculture, Nutrition, and Development* 10 :4047-4059.
- Caesario, S., 2011. Effect of Different Rice Bran Concentrations and Cooking Methods in Meatball Product on Consumer Preferences and Physico-Chemical Characteristics. Karawaci: Universitas Pelita Harapan.

- Champagne, 2004. *Rice Science and Technology*. New York: Marcel Dekker.
- Cho, S., and Dreher, M.L., 2001. *Handbook of Dietary Fiber*. New York: Marcell Dekker.
- Choi,S.P, Kim, S.P, Kang, M. Y., Nam, S. H, Friedman, 2010. M. Protective Effects of Black Rice Bran against Chemically-Induced Inflammation of Mouse Skin, *J. Agric. Food Chem.*, 58 (18), pp 10007–10015
- Choo, S.S Leon P. and Mark D., 1999. *Complex Carbohydrates in Foods*. New York : Marcell Dekker.
- Chotimarkorn, C. and Silalai, N., 2008. Oxidative Stability of Fried Dough from rice Flour Containing Rice Bran Powder during Storage, *Journal of Food Science and Technology* 41: 561-568.
- Cicero, A.F.G. and Gaddi, A., 2001. Rice bran oil and gamma oryzanol in the treatment of hyperlipoproteinaemias and other conditions. *Phytotherapy research*. 15(4) : 277-289
- Corriher, S.O, 2008. *BakeWise: The Hows and Whys of Successful Baking with Over 200 Magnificent Recipes*. USA: Simon and Schuster.
- Delahaye, E. P., Jimenez, P., and Perez,E., 2005. Effect of Enrichment with High Content Dietary Fiber Stabilized Rice Bran Flour on Chemical and Functional Properties of Storage Frozen Pizzas, *Journal of Food Engineering* 68: 1-7.
- DeMan, J.M., 1999. *Principles of Food Chemistry*. Maryland: Aspen Publication
- Elleuch, M., Dorothy, B., Olivier, R., Souhail, B., Christophe, B., and Hamadi, A., 2010. Dietary Fibre and Fibre-Rich by-Products of Food Processing Characterisation, Technological Functionality and Commercial Applications: A Review. *Food Chemistry Journal*: 411-421.
- Faccin, G. L., Vieira L. D. N., Miotto L. A., Barreto, P. L. M. and Amante, E. R.. 2009. Chemical, Sensorial, and Rheological Properties of New Organic Rice Bran Beverage, *Journal of Rice Science* 16: 226-234.
- Fauziyah, A., 2011. Analisis Potensi dan Gizi Pemanfaatan Bekatul dalam Pembuatan Cookies. Bogor: Departemen Gizi Masyarakat, Fakultas Ekologi Manusia, Institut Pertanian Bogor.
- Fehaili, S., Courel, M., Rega, B. and Giampaoli, P., 2010. An Instrumented Oven for The Monitoring of Thermal Reaction During The Baking of Sponge Cake. *Journal of Food Engineering* 101: 253 – 263.

- Fertig, J. M., 2010. All American Desserts. ReadHowYouWant.com
- Fuentez-Zaragosa, E., Riquelme-Navarrete, M.J., Sanchez-Zapata, E., Perez-Alvarez, J.A, 2010. Resistant Starch as Functional Ingredient: A Review. *Food Research International* Volume 43, Issue 4, Pages 931 – 942.
- Gan, H.E, Karim R., Muhammad, S.K.S, Bakar, J.A., Hashim, D.M., Rahman, R.A., 2007. Optimization of the Basic Formulation of a Traditional Baked Cassava Cake Using Response Surface Methodology. 2006. Swiss Society of Food Science and Technology, Elsevier.
- Hargrove, K. L.,1994. *Processing and Utilization of rice bran in the United States*. New York: Marcell Dekker.
- Howeler, R.H., 2002. Cassava Research and Development in Asia, Exploring New Opportunities for An Ancient Crop. CIAT.
- Hu, G., Huang, S., Cao, S., Zhengzhi, M., 2009. Effect of Enrichment with Hemicellulose from Rice Bran on Chemical and Functional Properties of Bread. *Food Chemistry* 115: 839 – 842.
- Huang, S.C., Shiau, C.Y., Liu, T.E., Chu, C.L., Hwang, D.F., 2005. Effects of Rice Bran on Sensory and Physico Chemical Properties of Emulsified Pork Meatballs. *Journal of Meat Science* 70: 613 – 619.
- Hui, Y. H and Corke, H., 2006. *Bakery Products : Science and Technology*. USA: John Wiley and Sons.
- Hui, Y. H., R. C. Chandan, S. Clark, N. Cross, J. Dobbs, W. J. Hurst, L. M. L. Nollet, E. Shimoni, N. Sinha, E. B. Smith, S. Surapat, A. Totchenal, F. Toldra, 2007. *Handbook of Food Products Manufacturing: Principles, Bakery, Beverages, Cereals, cheese, Confectionary, Fats, Fruits, and Functional Foods*. New Jersey: John Wiley & Sons.
- Jarunrattanasri, A., 2004. Aroma Formation from Rice Bran Protein Concentrate by Acid Hydrolysis and The Maillard Reaction. Kasetsart University.
- Kaewka, K. Therakulkait, C. and Cadwallader, K. R., 2009. Effect of Preparation Conditions on Composition and Sensory Aroma Characteristics of Acid Hydrolyzed Rice Bran Protein Concentrate. *Journal of Cereal Science* 50 (2009) 56 – 60.
- Katama, C. K., R.W. Muinga, H.M Saha and J.G Gethi. 2002. Increased Food Security and Poverty Reduction in Coastal Kenya Through Substitution of Wheat with Cassava Flour in Chapatti and Mahamri. KARI (Kenya Agricultural Research Institute).

- Kaur, M., Sandhu, K. S., and Kaur, J., 2011. Pasting Properties of Tamarind Kernel Powder in The Presence of Xanthan, Carboxymethylcellulose, and Locust Bean Gum in Comparison to Rice and Potato Flour. *Journal of Food Science and Technology*.
- Kilcast, D. 2004. *Texture in Food: Solid Foods*, Volume 2. USA: Woodhead Publishing.
- Korus, J., Witzcak, M., Ziobro, R., Juszczak, L., 2009. The Impact of Resistant Starch on Characteristics of Gluten Free Dough and Bread, *Journal of Food Hydrocolloids* 23: 988 – 995.
- Kusumasari, C., 2011. Optimization of Ready-To-Eat Cereal Flakes from Rice Flour, Rice Bran, and Glutinous Rice Flour Using Response Surface Methodology. Karawaci: Universitas Pelita Harapan.
- Lawless, H. T. and Heymann, H., 2010. *Sensory Evaluation of Food: Principles and Practices*. New York: Springer.
- Luh, B. S., 1991. *Rice Utilization*. USA: Springer.
- Marquart, L., Jacobs, D. R., McIntosh, G. H., Poutanen, K., and Reicks, M., 2008. *Whole Grains and Health*. John Wiley and Sons.
- Matz, S. A., 1991. *The Chemistry and Technology of Cereals As Food and Feed*. USA: Springer.
- McCaskill and Zhang F, 1999. Use of rice bran oil in foods. *Food Technology* 53 : 50 – 53.
- Meilgaard, M.C., Civille, G.V., and Carr, B.T., 2007. *Sensory Evaluation Technique*. CRC Press, Taylor and Francis Group.
- Metta, I., 2003. Pemanfaatan minyak bekatul dalam pembuatan pasta kacang merah. IPB
- Misra, A., and Kulshrestha, K., 2003. Effect of Storage on Nutritional Value of Potato Flour Made From Three Potato Varieties. *Plant Foods for Human Nutrition* 58: 1 – 10.
- Moskowitz, Howard R., Beckley, Jacqueline H., and Ressurecion, Anna V.A. 2006. *Sensory and Consumer Research in Food Product Design and Development*. Blackwell Publishing and The Institute of Food Technologist: Iowa, USA.

- Mueen-ud-Din, G., Rehman, S., Anjum, F. M., Nawaz, H., and Murtaza, M. A., 2010. Effect of Wheat Flour Extraction Rates on Flour Composition, Farinographic Characteristics and Sensory Perception of Sourdough Naans. *World Academy of Science, Engineering and Technology* 68.
- Mukprasirt, A., Herald, T. J., and Seib, P. A. 2002. Pasting Characteristics of Rice Flour Based Batter Compared to Wheat Flour Based Batter. *Journal of Food Quality* 25:139-154
- Mutters, R. G., and Thompson, James F. 2009. *Rice Quality Handbook*. California: ANR Publications.
- Nura, M., Kharidah, M., Jamilah, B. and Roselina, K. 2011. Textural Properties of Laksa Noodle as Affected by Rice Flour Particle Size. *International Food Research Journal* 18(4): 1309-1312
- Preedy, V.R., Watson, R. R., Patel, V. 2011. *Flour and Breads and Their Fortification in Health and Disease Prevention*. Academic Press.
- Rothe, M. , 1988. *Introduction to Aroma Research*. USA: Springer.
- Sairam, S., Gopala Krishna, A.G., Urooj, A., 2011. Physico – chemical Characteristics of Defatted Rice Bran and Its Utilization in a Bakery Product.
- Sakin, M., Kaymak – ertekin, F., and Ilicali, C., 2007. Modeling the Moisture Transfer During the Baking of White Cake. *Journal of Food Engineering* Volume 80 (3): 822 - 831
- Saputra, I., 2008. Evaluasi Mutu Gizi dan Indeks Glikemik Cookies dan Donat Tepung Terigu yang Disubstitusi Parsial dengan Tepung Bekatul.
- Szczesniak, A.S., 2002. Texture is a Sensory Property. *Food Quality and Preference* 13: 215 – 225.
- Schramm, R., Abadie, A., Hua, N., Zhimin, X., and Lima, M., 2007. Fractionation of The Rice Bran Layer and Quantification of Vitamin E, Oryzanol, Protein and Rice Bran Saccharides. *Journal of Biological Engineering* 1:9.
- Shallan, M.A., El – Beltagi, H. S., Mona, A. M., and Amara, T. M., 2010. Chemical Evaluation of Pre Germinated Brown Rice and Whole Grain Rice Bread. *Journal of Environmental, Agricultural, and Food Chemistry* 9(3).
- Shahidi, F., 2005. *Bailey's Industrial Oil and Fats Product*. John Wiley and Sons.

- Sharma, H. R., Chauhan, G. S., Agrawal, K., 2004. Physico Chemical Characteristics of Rice Bran Processed by Dry Heating and Extrusion Cooking. *International Journal of Food Properties* Volume 7, No. 3: 603 – 614.
- Shittu, T.A., Aminu, R.A., Abulude, E.O., 2009. Functional Effects of Xanthan Gum on Composite Cassava Wheat Dough and Bread. *Food Hydrocolloids* 23: 2254 – 2260.
- Silva, M. A., Sanches, C., Amante, E. R., 2006. Prevention of Hydrolytic Rancidity in Rice Bran. *Journal of Food Engineering* 75: 487 – 491.
- Singh, J., Singh, N., Sharma, T. R., and Saxena, S. K., 2003. Physicochemical, Rheological and Cookie Making Properties of Corn and Potato Flours. *Food Chemistry* 83: 387 – 393.
- Street, C. A., 1991. *Flour Confectionery Manufacture*. Wiley IEEE.
- Suas, M., 2008. *Advanced Bread and Pastry : A Professional Approach*. USA: Cengage Learning.
- Sukonthara, S., Theerakulkait, C., and Miyazawa, M., 2009. Characterization of Volatile Aroma Compounds from Red and Black Rice Bran. *Journal of Oleo Science* 58(3):155 – 161
- Sulistiyo, 2006. Pengembangan Brownies Kukus Tepung Ubi Jalar (*Ipomoea batatas* L.) di PT Fits Mandiri Bogor. Institut Pertanian Bogor.
- Takakori, Z., Zare, M., Iranparvare, M., and Mehrabi, Y., 2005. Effect of Rice Bran and Blood Glucose and Serum Lipid Parameter in Diabetes II Patients. *The Internet Journal of Nutrition and Wellness* 2(1).
- Thybo, A. K., Christiansen, J., Kaack, K., and Petersen, M.A., 2006. Effect of Cultivars, Wound Healing and Storage on Sensory Quality and Chemical Components in Pre – Peeled Potatoes. *LWT* 39: 166 – 176.
- Turowksi, M., Deshmukh, B., Harfmann, R., Conklin, J., Stephanie, L., 2007. A Method for Determination of Soluble Dietary Fiber in Methycellulose and Hydroxypropyl Methycellulose Food Gums. *Journal of Food Composition and Analysis* 20: 420 – 429.
- Vaclavik, V and Christian, E. W., 2007. *Essential of Food Science*. USA: Springer.
- Widowati, S., 2001. Pemanfaatan Hasil Samping Penggilingan Padi dalam Menunjang Sistem Agroindustri di Pedesaan. *Buletin Agro Bio* 4(1):33 – 38.

Wulandari, 2011. Optimasi Formula Brownies Berbasis Tepung Talas Banten Sebagai Pangan Sumber Serat. Institut Pertanian Bogor.

Xu, Z., Hua, N., Godber, J.S, 2001 Antioxidant Activity of Tocopherols, Tocotrienols, and  $\gamma$ -Oryzanol Components from Rice Bran against Cholesterol Oxidation Accelerated by 2,2'-Azobis(2-methylpropionamide) Dihydrochloride, *J. Agric. Food Chem.*, 2001, 49 (4), pp 2077–2081.

Zaidul, I. S. M., Norulaini, N. A. N., Omar, A. K. M., Yamauchi, H., and Noda, T., 2007. RVA Analysis of Mixtures of Wheat Flour and Potato, Sweet Potato, Yam and Cassava Starches. *Carbohydrate Polymers* 69: 784 – 791.

Yu, L. L., Tsao, R. and Shahidi, F., 2012. *Cereals and Pulses: Nutraceutical Properties and Health Benefits*. USA: John Wiley and Sons.

