

DAFTAR PUSTAKA

- Abyari, M., Nasr, N., Soorni, J., & Sadhu, D., 2016, Enhanced Accumulation of Scopoletin in Cell Suspension Culture of *Spilanthes acmella* Murr. Using Precursor Feeding, *Brazilian Archives of Biology and Technology*, 59, 1-7.
- Adnyana, I.K., Andrajati, R., Setiadi, A.P., Sigit, J.I., & Sukandar, E.Y., 2008, *ISO Farmakoterapi*, 119-133, PT. ISFI Penerbitan, Jakarta.
- Alsaffar, A. A., 2011, Effect of food processing on the resistant starch content of cereals and cereal products - a review, *International Journal of Food Science and Technology*, 46(3), 455–462.
- Anonim, 2004, *The Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure*, 12-59, National Institutes of Health Publication, United States.
- Anonim, 2013, *A Global Brief of Hypertention*, 9-11, World Health Organization Press, Swiss.
- Anonim, 2014, *Infodatin Hipertensi*, 1-6, Kementerian Kesehatan RI, Jakarta.
- Anonim, 2017, Classification for Kingdom Plantae Down to Species *Cajanus cajan* (L.) Millsp., <https://plants.usda.gov/java/ClassificationServlet?source=profile&symbol=CAJAN&display=31>, 17 Mei 2017.
- Anonim, 2017, Classification for Kingdom Plantae Down to Species *Zea mays* L., <https://plants.usda.gov/java/ClassificationServlet?source=display&classid=ZEMA>, 20 Oktober 2017.
- Anonim, 2017, *Eucheuma cottonii*, <https://www.gbif.org/species/2668053>, 6 Desember 2017.
- Anonim, 2017, *Zea mays*, <http://eol.org/pages/1115259/overview>, 6 Desember 2017.
- Ast, J., Jablecka, a, Bogdanski, P., Smolarek, I., Krauss, H., & Chmara, E., 2010, Evaluation of the antihypertensive effect of L-arginine supplementation in patients with mild hypertension assessed with ambulatory blood pressure monitoring, *Medical Science Monitor*, 16(5), CR266-71.
- Bahekar, S., & Kale, R., 2013, Phytopharmacological Aspects of *Manihot Esculenta* Crantz (Cassava) - a Review, *Mintage Journal of Pharmaceutical & Medical Sciences*, 2(1), 1–5.
- Berman, A., Snyder, S., Kozier, B., & Erb, G., 2009, *Buku Ajar Praktik Keperawatan Klinis*, Penerbit Buku Kedokteran EGC, Jakarta.

- Bone, K., & Mills, S., 2013, *Principles and Practice of Phytotherapy*, Second Edition, Elsevier Health Sciences, USA.
- Bosse, J. D., Lin, H. Y., Sloan, C., Zhang, Q.-J., Abel, E. D., Pereira, T. J., Dolinsky, V. W., Symons, J. D., Jalili, T., 2013, A low-carbohydrate/high-fat diet reduces blood pressure in spontaneously hypertensive rats without deleterious changes in insulin resistance, *American Journal of Physiology-Heart and Circulatory Physiology*, 304(12), H1733–H1742.
- Bowman, T. S., Sesso, H. D., & Gaziano, J. M., 2006, Effect of age on blood pressure parameters and risk of cardiovascular death in men, *American Journal of Hypertension*, 19(1), 47–52.
- Buassi, N., 1998, High dietary calcium decreases blood pressure in normotensive rats, *Brazilian Journal of Medical and Biological Research*, 31(8), 1099–1101.
- Budi, F. S., Hariyadi, P., Budijanto, S., & Syah, D., 2013, Extrusion Process Technology of Analog Rice (Teknologi Proses Ekstrusi untuk Membuat Beras Analog) Teknologi Proses Ekstrusi untuk Membuat Beras Analog, *Pangan*, 22 (3), 263-274.
- Budijanto, S., & Yuliyanti, 2012, Studi Persiapan Tepung Sorgum (*Sorghum bicolor* L. Moench) dan Aplikasinya pada Pembuatan Beras Analog, *Teknologi Pertanian*, 13(3), 177–186.
- Buschmann, H., Reilly, K., Rodriguez, M. X., Tohme, J., & Beeching, J. R., 2000, Hydrogen Peroxide and Flavan-3-ols in Storage Roots of Cassava (*Manihot esculenta* Crantz) during Postharvest Deterioration, *Journal of Agricultural and Food Chemistry*, 48, 5522–5529.
- Chobanian, A. V., Bakris, G. L., Black, H. R., Cushman, W. C., Green, L. A., Izzo, J. L., Roccella, E. J., 2003, Seventh report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure, *Hypertension*, 42(6), 1206–1252.
- Chrysant, S. G., 2013, Treating blood pressure to prevent strokes: The age factor, *World Journal of Cardiology*, 5(3), 22–7.
- DiPiro, J. T., Wells, B. G., Schwinghammer, T. L., & DiPiro, C., V., 2015, *Pharmacotherapy Handbook*, Ninth Edition, 87-101, McGraw-Hill Education Companies, Inggris.
- Dorland, W.A.N., 2011, *Kamus Saku Kedokteran Dorland*, 28th Ed, diterjemahkan oleh Albertus Agung Mahode, Luqman Yanuar Rachman, Aryandhito Widhi Nugroho, Diana Susanto, Husny Muttaqin, dan Leo Rendy, 877, Penerbit Buku Kedokteran EGC, Jakarta.

- Doty, M. S., 1973, Farming the Red Seaweed, *Euचेuma*, for Carrageenans, *Micronesica*, 9, 59–73.
- Duker-Eshun, G., Jaroszewski, J.W., Asomaning, W.A., Oppong-Boachie, F., & Christensen, S.B., 2004, Antiplasmodial constituents of *Cajanus cajan*, *Phytotherapy Research*, 18, 128–130.
- Ekowati, D., & Nasir, M., 2011, Pertumbuhan Tanaman Jagung (*Zea Mays* L.) Varietas BISI-2 pada Pasir Reject dan Pasir Asli di Pantai Trisik Kulonprogo (The Growth of Maize Crop (*Zea mays* L.) BISI-2 Variety on Rejected and non Rejected Sand at Pantai Trisik Kulon Progo, *Jurnal Manusia Dan Lingkungan*, 18(3), 220–231.
- Flynn, J., & Daniels, S., 2006, Pharmacologic treatment of hypertension in children and adolescents, *The Journal of Pediatrics*, 49(1), 746-754.
- Frediansyah, A., 2018, Microbial Fermentation as Means of Improving Cassava Production in Indonesia, *IntechOpen*, 8(1), 123-137.
- Fu, X.C., M.W. Wang, S.P. Li, Y. Zhang, & H.L. Wang, 2005, Vasodilatation Produced by Orientin and Its Mechanism Study, *Biological and Pharmaceutical Bulletin*, 28 (1), 37–41.
- Gnonlonfin, G. J. B., Sanni, A., & Brimer, L., 2012, Review Scopoletin - A Coumarin Phytoalexin with Medicinal Properties, *Critical Reviews in Plant Sciences*, 31(1), 47–56.
- Gunawan, L., 2001, *Hipertensi Tekanan Darah Tinggi*, Cetakan VIII, 7-10, Penerbit Kanisius, Yogyakarta.
- Guyton, A.C., and Hall, J.E., 2006, *Textbook of Medical Physiology*, 11th ed, Elsevier Saunders, Philadelphia, PA, USA.
- Gray, H.H., Dawkins, K.D., Morgan, J.M., & Simpson, L.A, 2005, *Lecture Notes : Kardiologi*. Erlangga Medical Series, Jakarta.
- Hongmin, L.G., Xiaoding, and M. Daifu, 1996, Orange-flesh sweetpotato, a potensial source for B-karoten production, *Asian Sweetpotato and Potato Research and Development*, 126-130.
- Inman, W.D., & Hoppe, D.C., 2002, *Compositions containing hypotriglyceridically active stilbenoids*, WO 02/13809.
- Jacovic, S., Zivkovic-Radojevic, M., & Petrovic, D., 2016, Secondary Hypertension: Differential Diagnosis and Basic Principles of Treatment, *Serbian Journal of Experimental and Clinical Research*, 17(4), 349-356.

- Kowalski, R., 2010, *Terapi Hipertensi: Program 8 minggu Menurunkan Tekanan Darah Tinggi*, diterjemahkan oleh Rani Ekawati, Qanita Mizan Pustaka, Bandung.
- Kwon, Y.-I., Apostolidis, E., Kim, Y.-C., & Shetty, K., 2007, Health benefits of traditional corn, beans, and pumpkin: In vitro studies for hyperglycemia and hypertension management, *Journal of Medicinal Food*, 10(2), 266–275.
- Lee, M.J., Wang, Y., Ricci, M.R., Sullivan, S., Russell, C.D., & Fried, S.K., 2007, Acute and chronic regulation of leptin synthesis, storage and secretion by insulin and dexamethasone in human adipose tissue, *American Journal of Physiology-Endocrinology and Metabolism*, 292, E858–E864.
- Lee, S. H., & Jeon, Y. J., 2013, Anti-diabetic effects of brown algae derived phlorotannins, marine polyphenols through diverse mechanisms, *Fitoterapia*, 86(1), 129–136.
- Luna-Vázquez, F. J., Ibarra-Alvarado, C., Rojas-Molina, A., Rojas-Molina, I., & Zavala-Sánchez, M. Á., 2013, Vasodilator compounds derived from plants and their mechanisms of action, *Molecules*, 18(5), 5814–5857.
- Luo, Q.F., Sun, L., Si, J.Y., & Chen, D.H., 2008, Hypocholesterolemic effect of stilbenes containing extract-fraction from *Cajanus cajan* L. on diet-induced hypercholesterolemia in mice, *Phytomedicine*, 15, 932–939.
- Matanjun, P., Mohamed, S., Mustapha, N. M., & Muhammad, K., 2009, Nutrient content of tropical edible seaweeds, *Eucheuma cottonii*, *Caulerpa lentillifera* and *Sargassum polycystum*, *Journal of Applied Phycology*, 21(1), 75–80.
- Mayne, S.T., 1996, Beta-Carotene, Carotenoids and Disease Prevention In Human, *Federation of American Societies for Experimental Biology (FASEB) Journal*, Vol. 56: 1034-1036.
- Mccomb, M. N., Chao, J. Y., & Ng, T. M. H., 2015, Direct Vasodilators and Sympatholytic Agents, *Journal of Cardiovascular Pharmacology and Therapeutics*, 1-17.
- Meutia, Y. R., Hasrini, R. F., & Abdurakhman, D., 2014, Pengaruh Perlakuan Awal dengan Variasi Waktu Perendaman dan Jenis Bahan Perendam terhadap Karakteristik Tepung Umbi Ganyong (*Canna edulis* KERR), *Journal of Agro-based Industry*, 31(2), 45–51.
- Mishra, A., Mishra H.N., & Rao P.S., 2012, Preparation of rice analogues using extrusion technology, *International Journal of Food Science & Technology*, 47, 1789-1797.
- Miyai, N., 2002, Blood Pressure Response to Heart Rate During Exercise Test and Risk of Future Hypertension, *Hypertension*, 39(3), 761–766.

- Mohamed, S., Hashim, S. N., & Rahman, H. A., 2012, Seaweeds: A sustainable functional food for complementary and alternative therapy, *Trends in Food Science and Technology*, 23(2), 83–96.
- Montagnac, J. A., Davis, C. R., & Tanumihardjo, S. A., 2009, Nutritional value of cassava for use as a staple food and recent advances for improvement. *Comprehensive Reviews in Food Science and Food Safety*, 8(3), 181–194.
- Nagaoka, A., Shino, A., dan Iwatsuka, H., 1979, Accelerating Effect of Dexamethasone and Thyrosine on Hypertension Without Accompanying Stroke in Stroke-prone Spontaneously Hypertensive Rats, *Life Science*, 24, 71–78.
- Nix, A., Paull, C. A., & Colgrave, M., 2015, The flavonoid profile of pigeonpea, *Cajanus cajan*: a review, *SpringerPlus*, 4(1), 0–5.
- Noviasari, S., Kusnandar, F., & Budijanto, S., 2013, Pengembangan Beras Analog Dengan Memanfaatkan Jagung Putih, *Jurnal Teknologi Dan Industri Pangan*, 24(2), 194–200.
- Noviasari, S., Kusnandar, F., Setiyono, A., & Budijanto, S., 2015, Beras analog sebagai pangan fungsional. *Jurnal Gizi Pangan*, 10(3), 225–232.
- Ong, S., Zhang, Y., & Whitworth, J., 2009, Mechanisms of Dexamethasone-Induced Hypertension, *Current Hypertension Reviews*, 5(1), 61–74.
- Oparil, S., & Miller, A. P., 2005, Gender and blood pressure, *Journal of Clinical Hypertension*, 7(5), 300–309.
- Oparil, S., & Wright, J. T., 2005, Ethnicity and blood pressure, *Journal of Clinical Hypertension*, 7(6), 357–364.
- Patschan, S., & Scholze, J., 2007, Obesity-related hypertension, *Cardiology Review*, 24(12), 32–35.
- Pelleymounter, M.A., Cullen, M.J., Baker, M.B., Hecht, R., Winters, D., Boone, T., & Collins, F., 1995, Effects of the obese gene product on body weight regulation in ob/ob mice, *Science*, 269, 540–543.
- Pratama, R. I., Rostini, I., & Liviawaty, E., 2014, Karakteristik Biskuit dengan Penambahan Tepung Tulang Ikan Jangilus (*Istiophorus Sp.*), *Jurnal Akuatika*, 5(1), 30–39.
- Primiani, C.N., & Pujiati, 2016, Characteristics of Pigeon Pea (*Cajanus Cajan*) Isoflavones Daidzein in Blood on Ovarian And Mammary Tissue Structure Rat Female, *Proceeding Biology Education Conference*, 13 (1), 593-597.

- Rahayu, M., Suriadi, A., Tri, B., Erawati, R., & Herawati, N., 2013, Sumber Daya Genetik Di Pulau Lombok, *Prosiding Seminar Nasional Sumber Daya Genetik Pertanian*, 307–316.
- Roberts, R.E., Allen, S., Chang, A.P., Henderson, H., Hobson, G.C., Karania, B., Morgan, K.N., Pek A.S., Raghvani, K., Shee, C.Y., Shikotra, J., Street, E., Abbas, Z., Ellis, K., Heer J.K., & Alexander S.P., 2013, Distinct mechanisms of relaxation to bioactive components from chamomile species in porcine isolated blood vessels, *Toxicology and Applied Pharmacology*, 272(3), 797-805.
- Robin, F., Schuchmann, H. P., & Palzer, S., 2012, Dietary fiber in extruded cereals: Limitations and opportunities, *Trends in Food Science and Technology*, 28(1), 23–32.
- Ronny, Setiawan, & Fatimah, S., 2008, *Fisiologi Kardiovaskuler: Berbasis Masalah Keperawatan*, 15-53, Penerbit Buku Kedokteran EGC, Jakarta.
- Rumiya, Nugroho, A. E., Pranoto, Y., Purwestri, Y. A., Saloko, S., Widyastuti, S., Muktasam, Hakim, M. L. A., Rosalina, S. D., Aziza, T., Reid, J., 2018, Functional Analog Rice Based on Corn, Modified Cassava, Lebei Pea, and Seaweed, Physical Properties and Potential Health Benefit, (submitted).
- Sadek, N. F., Yuliana, N. D., Prangdimurt, E., Priyosoeryanto, B. P., & Budijanto, S., 2016, Potensi Beras Analog sebagai Alternatif Makanan Pokok untuk Mencegah Penyakit Degeneratif Potency of Analogue Rice, *Pangan*, 25(1), 61–70.
- Saruta, T., 1996, Mechanism of glucocorticoid-induced hypertension, *Hypertension Research : Official Journal of the Japanese Society of Hypertension*, 19(1), 1–8.
- Sawicka, K., Szczyrek, M., Jastrzębska, I., Prasał, M., Zwolak, A., & Daniluk, J., 2011, Hypertension – The Silent Killer, 5(2), 43–46.
- Schwartz, M.W., Seeley, R.J., Campfield, L.A., Burn, P., & Baskin, D.G., 1996, Identification of targets of leptin action in rat hypothalamus, *Journal of Clinical Investigation*, 98, 1101–1106.
- Sica, D. A., 2005, Alpha1-adrenergic blockers: current usage considerations, *Journal of Clinical Hypertension*, 7(12), 757–762.
- Sica, D. A., 2007, Centrally Acting Antihypertensive Agents : An Update, *Journal of Clinical Hypertension*, 9(5), 399-405.
- Subagiyo, A., & Windrati, W. S., 2012, Pengaruh Komposisi Mocaf (*Modified Cassava Flour*) dan Tepung Beras pada Karakteristik Beras Cerdas, *Pangan*, 21(1), 29–38.

- Subekti, N. A., Syafruddin, Efendi, R., & Sunarti, S., 2008, Morfologi Tanaman dan Fase Pertumbuhan Jagung, *Balai Penelitian Tanaman Serealia, Maros*, 16–28.
- Sulistyo, J., & Nakahara, K., 2014, Sciences Physicochemical Properties of Modified Cassava Starch Prepared by Application of Mixed Microbial Starter, *International Journal of Research In Agriculture and Food*, 2(7), 1-8.
- Talwalkar, B. Y. R. T., & Kotchen, T. A., 1997, Mechanism of Action of Beta-blockers in Hypertension, *Biochemical Pharmacology*, 26(3), 171–175.
- Tambayong, J., 2000, *Patofisiologi untuk Keperawatan*, 94-96, Penerbit Buku Keperawatan EGC, Jakarta.
- Tocci, G., Battistoni, A., Passerini, J., Musumeci, M. B., Francia, P., Ferrucci, A., & Volpe, M., 2015, Calcium channel blockers and hypertension, *Journal of Cardiovascular Pharmacology and Therapeutics*, 20(2), 121–130.
- Ullah, I., Ali, M., & Farooqi, A., 2010, Chemical and nutritional properties of some maize (*Zea mays* L.) varieties grown in NWFP, Pakistan, *Pakistan Journal of Nutrition*, 9(11), 1113–1117.
- Vasdev, S., Singal, P., & Gill, V., 2009, The antihypertensive effect of cysteine, *International Journal of Angiology*, 18(1), 7–21.
- Wahjuningsih, S. B., Marsono, Y., Praseptianga, D., & Haryanto, B., 2016, Resistant Starch Content and Glycemic Index of Sago (*Metroxylon* spp) Starch and Red Bean (*Phaseolus vulgaris*) Based Analogue Rice, *Pakistan Journal of Nutrition*, 15(7), 667-672.
- Wang, Y., Zhang, M., & Mujumdar, A. S., 2012, Influence of green banana flour substitution for cassava starch on the nutrition, color, texture and sensory quality in two types of snacks, *Lebensmittel-Wissenschaft & Technologie (LWT) - Food Science and Technology*, 47(1), 175–182.
- Wibowo, S., Peranginangin, R., Darmawan, M., Hakim, A.R., 2014, *Teknik Pengelolaan ATC dari Rumput Laut Eucheuma cottonii*, 17-18, Penebar Swadaya, Jakarta.
- Wiratmaja, I. G., Kusuma, I. G. B. W., & Winaya, I. N. S., 2011, Pembuatan Etanol Generasi Kedua Dengan Memanfaatkan Limbah Rumput Laut Eucheuma Cottonii Sebagai Bahan Baku, *Jurnal Ilmiah Teknik Mesin Cakra*, 5(1), 75–84.
- Won Jahng, J., Kim, N. Y., Ryu, V., Yoo, S. B., Kim, B. T., Kang, D. W., & Lee, J. H., 2008, Dexamethasone reduces food intake, weight gain and the hypothalamic 5-HT concentration and increases plasma leptin in rats, *European Journal of Pharmacology*, 581(1–2), 64–70.