DAFTAR PUSTAKA

Agusman, A., Apriani, S. N. K., & Murdinah, M. (2014). Penggunaan tepung rumput laut eucheuma cottonii pada pembuatan beras analog dari tepung modified cassava flour (MOCAF). *Jurnal Pascapanen Dan Bioteknologi Kelautan Dan Perikanan*, *9*(1), 1-10.

American Diabetes Association. (2021). Classification and diagnosis of diabetes: Standards of medical care in diabetes—2021. *Diabetes Care*, 44(Supplement 1), S15-S33.

American Diabetes Association. (2021). Facilitating behavior change and well-being to improve health outcomes: StAndards of Medical Care in Diabetes—2021. *Diabetes Care*, 44(Supplement 1), S53-S72.

Antriyandarti, E., Melati, N. S. K., & Maulana, R. A. (2024). Understanding factors affecting rice purchasing decisions in Indonesia: Does rice brand matter?. *Open Agriculture*, *9*(1), 20220303.

Arif Abdullah, A., Hudaida, S., & Sunarti, T. C. (2018). Physicochemical properties and glycemic index of analog rice from modified cassava flour. IOP Conference Series: Earth and Environmental Science, 196, 012034.

Asael, A., & L Nassef, S. (2022). Preparation of Novel Analog Rice Produced from Different Carbohydrates Resources and Defatted Soy flour. *International Journal of Family Studies, Food Science and Nutrition Health*, *3*(1), 177-201.

Augustin, L. S., Kendall, C. W., Jenkins, D. J., Willett, W. C., Astrup, A., Barclay, A. W., ... & Poli, A. (2015). Glycemic index, glycemic load and glycemic response: An International Scientific Consensus Summit from the International Carbohydrate Quality Consortium (ICQC). *Nutrition, Metabolism and Cardiovascular Diseases*, 25(9), 795-815.

Aulivia, R., Dewi, I., & Muthmainna, B. (2024). Pengaruh Media Audio Visual Terhadap Peningkatan Pengetahuan Pencegahan Diabetes Melitus Tipe 2 Pada Remaja Di SMK Darussalam Makassar. *JIMPK: Jurnal Ilmiah Mahasiswa & Penelitian Keperawatan*, *4*(5), 8-13.

Bertalina, B., & Aindyati, A. (2016). Hubungan pengetahuan terapi Diet dengan Indeks Glikemik bahan Makanan yang dikonsumsi pasien Diabetes Mellitus. *Jurnal Kesehatan*, *7*(3), 377-387.

Budijanto, S., & Yuliana, N. D. (2015). Development of rice analog as a food diversification vehicle in Indonesia. *Journal of Developments in Sustainable Agriculture*, 10(1), 7-14.

Budijanto, S., Andri, Y. I., Faridah, D. N., & Noviasari, S. (2017). Karakterisasi kimia dan efek hipoglikemik beras analog berbahan dasar jagung, sorgum, dan sagu aren. *Agritech*, *37*(4), 402-409.

Campbell, A. P., & Rains, T. M. (2015). Dietary protein is important in the practical management of prediabetes and type 2 diabetes. *The Journal of Nutrition*, 145(1), 164S-169S.

Chatterjee, S., Khunti, K., & Davies, M. J. (2017). Type 2 diabetes. *The Lancet*, 389(10085), 2239-2251.

Damat, D., Natazza, R. A., & Wahyudi, V. A. (2020). Kajian pembuatan beras analog berbasis tepung komposit dengan penambahan konsentrasi bubur rumput laut (Gracilaria sp.) dan gliserol monostearat. *Food Technology and Halal Science Journal*, *3*(2), 174-187.

Damat, D., Setyobudi, R. H., Burlakovs, J., Gaile, Z. V., Siskawardani, D. D., Anggriani, R., & Tain, A. (2021). Characterization properties of extruded analog rice developed from arrowroot starch with addition of seaweed and spices. *Sarhad Journal of Agriculture*, *37*(Special Issue 1).

Damat, D., Setyobudi, R. H., Salsabila, A. T., Andoko, E., Putri, D. N., & Harini, R. (2022). The Characteristics of Functional Analog Rice Made from Modified Arrowroot Starch and Corn Flour with Seaweed. *Jordan Journal of Biological Sciences*, *15*(4).

Dwiutami, Y. L., Suharno, S., & Falah, M. A. F. (2023). Development of Sago Analog Rice with The Addition of Glucomannan Flour Using Value Engineering Method. *Agroindustrial Journal*, *10*(1), 12-24.

Evert, A. B., Dennison, M., Gardner, C. D., Garvey, W. T., Lau, K. H. K., MacLeod, J., ... & Yancy, W. S. (2019). Nutrition therapy for adults with diabetes or prediabetes: a consensus report. *Diabetes Care*, 42(5), 731-754.

Finirsa, M. A., Warsidah, W., & Sofiana, M. S. J. (2022). Karakteristik Fisikokimia Beras Analog dari Kombinasi Rumput Laut Eucheuma cottoni, Mocaf dan Sagu. *Oseanologia*, *1*(2), 69-76.

Firdaus, L. (2018). Indeks Glikemikberas Ceras Berbasis Mocaf Dengan Subsitusi Jagung, Ubi jalar kuning, Dan Wortel.

Flannick, J., & Florez, J. C. (2016). Type 2 diabetes: genetic data sharing to advance complex disease research. *Nature Reviews Genetics*, 17(9), 535-549.

Gav, B.L., Nanev, J.D., Surma, N., Kutshak, P.I., & Odike, G. (2024). The Effect of Boiling on the Proximate Analysis and Mineral composition of Okra. *Greener Journal of Agricultural Sciences*, 14(2), 73-85.

Hasbullah, U. H. A. A., Surayya, L., & Syah, I. T. (2023). Physical and Nutritional Properties of Analog Rice Based on Modified Cassava Flour and Modified Suweg Flour. *Indonesian Food and Nutrition Progress*, *19*(1), 9-13.

Hizni, A., Pitriani, R., & Ahmalinda, M. (2024). Karakteristik Sensoris dan Kandungan Gizi Beras Analog Berbahan Mocaf dan Sagu yang Disuplementasi Protein Tempe dan Ikan Kembung. *Media Informasi*, *20*(2), 26-35.

International Diabetes Federation. (2021). IDF Diabetes Atlas, 10th edition.

Ismanto, H. (2023). Uji Organoleptik Keripik Udang (L. vannamei) Hasil Penggorengan Vakum. *Agrosainta*, 6(2), 53-58.

Jariyah, J., & Vestra, A. (2023). Characteristics of Rice Analog from Composite Flour (Mocaf: Sago: Soybean: Moringa Leaf) with Addition of Carrageenan. *Jurnal Teknologi Hasil Pertanian*, *16*(2), 94-103.

Kahn, S. E., Cooper, M. E., & Del Prato, S. (2014). Pathophysiology and treatment of type 2 diabetes: perspectives on the past, present, and future. *The Lancet*, 383(9922), 1068-1083.

Karouw, S., Polnaja, F. J., & Barlina, R. (2015). Formulasi Beras Analog Berbahan Pati Sagu. Buletin Palma, 16(2) : 211-217.

Kasiyati, M., Rachman, A., Trees, T., Miksusanti, M., & Sufiawati, I. (2024). Konsep autoimun.

Kementerian Kesehatan Republik Indonesia. (2018). Hasil Utama Riskesdas 2018.

Kolb, H., & Martin, S. (2017). Environmental/lifestyle factors in the pathogenesis and prevention of type 2 diabetes. *BMC Medicine*, 15(1), 131.

Kurniawati, M., Budijanto, S., & Yuliana, N. D. (2016). Karakteristik dan indeks glikemik beras analog berbasis pati sagu (Metroxylon sagu Rottb) dan tepung kacang merah (Phaseolus vulgaris L.). *Jurnal Gizi dan Pangan*, 11(3), 169-174.

Lamusu, D. (2018). Uji Organoleptik Jalangkote Ubi Jalar Kuning Ungu (Ipomoea batatas L) Sebagai Upaya Diversifikasi Pangan. *Jurnal Pengolahan Pangan*, 3(1), 9-15.

Livesey, G., Taylor, R., Livesey, H. F., Buyken, A. E., Jenkins, D. J., Augustin, L. S., ... & Willett, W. C. (2019). Dietary glycemic index and load and the risk of type 2 diabetes: A systematic review and updated meta-analyses of prospective cohort studies. *Nutrients*, 11(6), 1280.

Loebis, E. H., Junaidi, L., & Susanti, I. (2017). Karakterisasi Mutu dan Nilai Gizi Nasi Mocaf dari Beras Analog-(Characterization of Quality and Nutrition Value of Cooked Rice Mocaf from Rice Analog). *Biopropal Industri*, *8*(1), 33-46.

Look AHEAD Research Group. (2014). Eight-year weight losses with an intensive lifestyle intervention: the look AHEAD study. *Obesity*, 22(1), 5-13.

Lubis, R. F., & Widyasaputra, R. (2024). Karakteristik Beras Analog Porang (Amorphophallus muelleri Blume) dan Tepung Jagung dengan Penambahan Minyak Kelapa sebagai Pengikat. *AGROFORETECH*, *2*(1), 444-460.

Mahajan, A., *et al*. (2018). Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. *Nature Genetics*, 50(11), 1505-1513.

Mahendra, D. M., & Sanjaya, Y. A. (2023). Karakteristik Fisikokimia dan Organoleptik Beras Analog dari Jagung Putih (Zea Mays) dan Uwi Ungu (Dioscorea Alata) dengan Penambahan Gliserol Monostearat. *G-Tech: Jurnal Teknologi Terapan*, *7*(4), 1173-1182.

Mahendradatta, M., Assa, E., Langkong, J., Tawali, A. B., & Nadhifa, D. G. (2024). Development of Analog Rice Made from Cassava and Banana with the Addition of Katuk Leaf (Sauropus androgynous L. Merr.) and Soy Lecithin for Lactating Women. *Foods*, *13*(10), 1438.

Mamuaja, C.F., & Lamaega, J.C.E. (2015). Pembuatan Beras Analog dari Ubi Kayu, Pisang Goroho dan Sagu. *Jurnal Ilmu dan Teknologi Pangan*, 3(2), 8-10.

Mutiyani, M., Fitria, M., Zain, R. S., & Wibowo, I. (2020). Indeks glikemik (IG) dan respons glukosa post-prandial beras berwarna dari Indonesia pada individu sehat. *Jurnal Riset Kesehatan Poltekkes Depkes Bandung*, *12*(1), 12-19.

Ningrum, F., Susanti, S., & Legowo, A. M. (2021). Pengaruh Waktu Sterilisasi terhadap Mutu Nasi Kuning Kemasan Retort Pouch. *Jurnal Teknologi Pangan*, *5*(2), 57-63.

Ningtyastuti, D., Damat, D., & Winarsih, S. (2022). Karakteristik Fisiko-Kimia Beras Analog Kombinasi Dari Pati Sagu, Tepung MOCAF, Tepung Porang (Amorphophallus muelleri), dan Tepung Kedelai. *Food Technology and Halal Science Journal*, *5*(2), 220-230.

Nirmagustina, D. E. (2021). Karakteristik Fisik Dan Kimia Beras Coklat Germinasi 3 Jenis Varietas Padi (Mentik Susu, Ciherang, PAndan Wangi). *Jurnal Gizi dan Pangan Soedirman*, *5*(2), 63-78.

Nisa, I. F., Candra, N. D., Zahro, A. F., Khotimah, N., Darmawan, A. E., & Sunarno, S. (2020). Analisis Proksimat Beras Analog Biji Lamun, Latoh, Dan Tepung Mocaf Sebagai Alternatif Makanan Pokok Berprotein. *MEDIA BINA ILMIAH*, *15*(1), 3877-3884.

Noviasari, S., Assyifa, P. S., & Sulaiman, I. (2022). Chemical and sensory properties of analogue rice based on kimpul flour (Xanthosoma sagitifolium). In *IOP Conference Series: Earth and Environmental Science* (Vol. 951, No. 1, p. 012019). IOP Publishing.

Noviasari, S., Kusnandar, F., Setiyono, A., & Budijanto, S. (2015). Beras analog sebagai pangan fungsional dengan indeks glikemik rendah. *Jurnal Gizi dan Pangan*, *10*(3).

Novikasari, N. A. M., Muflihati, I., Hasbullah, U. H. A. A., & Ujianti, R. M. D. (2023). Uji kandungan gizi dan perbandingan sifat sensoris beras analog dari tepung cassava dengan penambahan tepung kacang hijau. *Agrointek: Jurnal Teknologi Industri Pertanian*, *17*(2), 306-316.

Nugraheni, M., Purwanti, S., & Ekawatiningsih, P. (2021). Impact of analog rice derived from different composite flours from tubers, germinated legumes, and cereals on improving serum markers in alloxan-induced diabetic Rats. *Preventive Nutrition and Food Science*, *26*(3), 296.

Nur, M., Damat, D., Setyobudi, R. H., Muawwanah, M., Asmawati, A., Andoko, E., ... & Fitriasari, F. (2024). Characteristics of Rice Analogue from Composite Flour and Seaweed Puree. In *BIO Web of Conferences* (Vol. 104, p. 00027). EDP Sciences.

Nurwati, Setyaningsih, S., & Maulina, D. E. (2024). Development Of Analog Rice From Purple Corn And Seaweed Gracillaria sp Potential As High-Fiber Functional Food. *Agrisaintifika: Jurnal Ilmu-Ilmu Pertanian*, *8*(2), 196-208.

Ojo, O., Ojo, O. O., Adebowale, F., & Wang, X. H. (2018). The effect of dietary glycaemic index on glycaemia in patients with type 2 diabetes: A systematic review and meta-analysis of randomized controlled trials. *Nutrients*, 10(3), 373.

Oktavianasari, R. R., Damat, D., & Manshur, H. A. (2022). Kajian Karakteristik Fisikokimia dan Organoleptik Beras Analog Berbahan Dasar Tepung Gembili (Dioscorea aculleata. L), Tepung Jagung (Zea mays, L) dan Pati Sagu (Metroxylon sp). *Food Technology and Halal Science Journal*, *5*(2), 125-136.

Pamungkas, A., Sedayu, B. B., Hakim, A. R., WullAndari, P., Fauzi, A., & Novianto, T. D. (2023). Perkembangan penelitian aplikasi rumput laut sebagai bahan pangan di Indonesia: tinjauan literatur. *Agrointek: Jurnal Teknologi Industri Pertanian*, *17*(3), 557-570.

Pangesti, A., Ratri, L. W., & Rahmadani, I. (2024). Sifat Fisik, Kimia, dan Organoleptik Beras Analog Sagu dengan Kombinasi Tepung Ubi jalar kuning Ungu.

Pociot, F., & Lernmark, Å. (2016). Genetic risk factors for type 1 diabetes. *The Lancet*, 387(10035), 2331-2339.

Prasad, R. B., & Groop, L. (2015). Genetics of type 2 diabetes—pitfalls and possibilities. *Genes*, 6(1), 87-123.

Pudjihastuti, I., Sumardiono, S., & Kusumayanti, H. (2018). Analog Rice Development as Alternative Food Made of Raw Composite Flour Enriched Protein Canavalia ensiformis. In *E3S Web of Conferences* (Vol. 73, p. 13017). EDP Sciences.

Purnama, N. E., Muhammad, F., & Rambe, J. (2024). Analysis Of The Impact Of Rice Imports, Rice Consumption, Productivity, Harvest Area, And Rice Production On The Farmer's Exchange Rate For Food Crops In 2019-2023. *International Journal of Economics, Commerce, and Management*, *1*(4), 50-59.

Putri, D. S., & Kusumayanti, H. (2023). Literature Review: Indonesian Local Materials as Raw Materials for Optimizing the Content of Analog Rice as a Substitute for Rice. *Media Gizi Kesmas*, *12*(2), 1088-1094.

Redondo, M. J., Steck, A. K., & Pugliese, A. (2018). Genetics of type 1 diabetes. *Pediatric Diabetes*, 19(3), 346-353.

Rini, R. O. P., Astiana, R., & Fadilah, L. (2025). Product Innovation of Jambal Roti Saltfish Snack. *Jurnal Manajemen Kuliner*, *4*(1), 1-7.

Saeedi, P., Petersohn, I., Salpea, P., MalAnda, B., Karuranga, S., Unwin, N., ... & IDF Diabetes Atlas Committee. (2019). Global and regional diabetes prevalence estimates for 2019 and projections for 2030 and 2045: Results from the International Diabetes Federation Diabetes Atlas. *Diabetes Research and Clinical Practice*, 157, 107843.

Sajidah, V., Triwindiyanti, Q. A. Y. F., Afifah, D. N., & Mahati, E. (2022). Pengaruh substitusi tepung mocaf (modified cassava flour) dan rumput laut (Eucheuma cottonii) pada beras analog terhadap uji organoleptik dan kandungan serat. *Jurnal Aplikasi Teknologi Pangan*, *11*(1), 40-45.

Sattu, M., Syam, A., Jafar, N., Malongi, A., Dirpan, A., & Monoarfa, Y. (2024). The Effect of Consumption Rice Analogue of Banggai Yam (Dioscorea Alata) on Blood Sugar Levels of Pre-Diabetic Patients in the District of Banggai Archipelago. *Pharmacognosy Journal*, *16*(4).

Skyler, J. S., *et al.* (2017). Differentiation of diabetes by pathophysiology, natural history, and prognosis. *Diabetes*, 66(2), 241-255.

Smith, A., Liline, S., & Sahetapy, S. (2023). Analisis Kadar Abu Pada Salak Merah (Salacca edulis) Di Desa Buria Dan Desa Riring Kecamatan Nusaniwe Kota Ambon. *Biopendix*, 10(1), 51-57.

Sukma, F., Syakur, S., & Kesumawati, E. (2021). Uji Daya Adaptasi Beberapa Varietas Ubi Jalar (Ipomoea batatas L.) Dan Produktivitas Akibat Pembeian Pupuk Organik Pada Tanah Andisol di Saree. *Jurnal Agrista*, *25*(1), 10-23.

Sumardiono, S., Budiyono, B., Kusumayanti, H., Silvia, N., Luthfiani, V. F., & Cahyono, H. (2021). Production and physicochemical characterization of analog rice obtained from sago flour, mung bean flour, and corn flour using hot extrusion technology. *Foods*, *10*(12), 3023.

Tamrin, T., Rahmawati, W., & Warji, W. (2022). Pembuatan Beras Analog Berbahan Tepung Sukun (Artocarpus communis). *Agricultural Biosystem Engineering*, *1*(1), 43-53.

Triyanto, B. P., Nugroho, T. W., Widyastuti, N., & Anjani, G. (2023). Formulasi biskuit tepung tempe biji kedawung (Parkia roxburghii G. Don) untuk pasien diabetes melitus. *Jurnal Gizi Klinik Indonesia*, *20*(1), 29-37.

Wahjuningsih, S. B., Haslina, H., & Marsono, Y. (2018). Hypolipidaemic effects of high resistant starch sago and red bean flour-based analog rice on diabetic rats. *Malaysian Journal of Nutrition*, 24(4), 565-576.

Wari, A. T., Muhlishoh, A., & Nurzihan, N. C. (2023). Indeks Glikemik dan Beban Glikemik Makanan Kaitannya dengan Kadar LDL dan RLPP Pasien Diabetes Mellitus Tipe-2. *Journal of Nutrition College*, *12*(1), 61-69.

Warsito, H., & Sa'diyah, K. (2019). Studi Pembuatan Klepon dengan Substitusi Tepung Sagu sebagai Alternatif Makanan Selingan Indeks Glikemik Rendah Bagi Penderita Diabetes Meliitus Tipe 2. *Jurnal Kesehatan*, *7*(1), 45-57.

Widowati, S., Herawat, H., Mulyani, E. S., Yuliwardi, F., & Muhandri, T. (2014). Pengaruh perlakuan heat moisture treatment (HMT) terhadap sifat fisiko kimia dan fungsional tepung beras dan aplikasinya dalam pembuatan bihun berindeks glikemik rendah. *Indonesian Journal of Agricultural Postharvest Research*, *11*(2), 59-66.

World Health Organization. (2019). Classification of diabetes mellitus. Geneva: World Health Organization.

World Health Organization. (2021). Diabetes.

Zheng, Y., Ley, S. H., & Hu, F. B. (2018). Global aetiology and epidemiology of type 2 diabetes mellitus and its complications. *Nature Reviews Endocrinology*, 14(2), 88-98.

Zulfa, F., Rochmah, A. N., Saputri, F. D., Suleman, D. P., & Anandito, R. B. K. (2023). Macronutrient Profile of Analog Rice Based on Cornstarch, Modified Cassava Flour, and Suweg Flour. In *BIO Web of Conferences* (Vol. 69, p. 03009). EDP Sciences.