

## DAFTAR PUSTAKA

- Adawiyah, A. *et al.* 2020, 'Bioprospek microgreens sebagai agen antivirus dalam menghambat penyebaran coronavirus disease 2019 (COVID-19)', 2019. Available at: <http://digilib.uinsgd.ac.id/30689/>.
- AOAC. 2005, *Official Methods of Analysis*. 18th edn. AOAC International.
- AOAC. 2012, *Official Method of Analysis of Association of Official Analytical Chemist*. Association of Official Analytical Chemist Inc.
- Badriyah, L. and Manggara, A. B. 2015, 'Penetapan kadar vitamin C pada cabai merah ( *Capsicum annum* L .) menggunakan metode spektrofotometri UV-Vis', *Jurnal Wiyata*, 2(1), pp. 25–28. Available at: [https://www.iik.ac.id/v3/home/images/journal/lppm\\_jurnal\\_79\\_25-28\\_ELA.pdf\\_1.pdf](https://www.iik.ac.id/v3/home/images/journal/lppm_jurnal_79_25-28_ELA.pdf_1.pdf).
- Briguglio M, Pregliasco FE, Lombardi G, Perazzo P, B. G. 2020, 'The malnutritional status of the host as a virulence factor for new coronavirus SARS-CoV-2'. doi: doi: 10.3389/fmed.2020.00146.
- Calder, P. C. 2020, 'Nutrition, immunity and COVID-19', *BMJ Nutrition, Prevention & Health*, 3(1), pp. 74–92. doi: 10.1136/bmjnph-2020-000085.
- Chaniago, R. 2015, 'The Potential of Terubuk ( *Saccharum edule* Hasskarl ) Biomass as Fodder for Added Cow Body Weight', 4(2), pp. 68–73.
- Ciavarella, C. *et al.* 2020, 'Pharmacological (or synthetic) and nutritional agonists of PPAR- $\gamma$  as candidates for cytokine storm modulation in covid-19 disease', *Molecules*, 25(9), pp. 1–15. doi: 10.3390/molecules25092076.
- Deore, S. L., and Khadabadi, S. S. 2009, 'Screening Of Antistress Properties Of Chlorophytum Borivilianum Tuber', 1: 320-32.
- Esser N, Legrand-Poels S, Piette J, Scheen AJ, P. N. 2014, 'Inflammation as a link between obesity, metabolic syndrome and type 2 diabetes'. doi: 10.1016/j.diabres.2014.04.006.
- Fahrizal dan Fadhil. 2014, 'Kajian Fisiko Kimia dan Daya Terima Organoleptik Selai Nenas yang Menggunakan Pektin dari Limbah Kulit Kakao', *Jurnal Teknologi dan Industri Pertanian Indonesia*, Vol. (6) N.
- Gombart, A. F., Pierre, A. and Maggini, S. 2020, 'A review of micronutrients and the immune system—working in harmony to reduce the risk of infection', *Nutrients*, 12(1). doi: 10.3390/nu12010236.
- Huang, D., Boxin, O. U. and Prior, R. L. 2005, 'The chemistry behind antioxidant capacity assays', *Journal of Agricultural and Food Chemistry*, 53(6), pp.

1841–1856. doi: 10.1021/jf030723c.

- Hughes, R. 2010, 'Uji Kualitatif Vitamin C Pada Berbagai Makanan Dan Pengaruhnya Terhadap Pemanasan', *Journal of Chemical Information and Modeling*, 53(9), p. 287.
- Karacabey, K. 2012, 'The Effect of Nutritional Elements on the Immune System', *Journal of Obesity & Weight Loss Therapy*, 02(09). doi: 10.4172/2165-7904.1000152.
- Kaur, H. 2020, 'Immunonutrition Recommendations for Coronavirus Infection', *ARC Journal of Nutrition and Growth*, 6(1), pp. 23–26. doi: 10.20431/2455-2550.0601004.
- Kerthyasa, T. dan Y. I. 2013, *Sehat Holistik Secara Alami: Gaya Hidup Selaras dengan Alam*. PT Mizan.
- Khaled, M. B., Benajiba, N. and Boumediene, M. 2020, 'The role of nutrition in strengthening immune system against newly emerging viral diseases: case of SARS-CoV-2 Ramadan Fasting and Diabetes View project Cancer Meta-Analysis View project The role of nutrition in strengthening immune system against newly e', *The North African Journal of Food and Nutrition Research*, 04(07), pp. 240–284. Available at: <https://doi.org/10.5281/zenodo.3749406>.
- Kim, M. B. *et al.* 2014, 'Antihyperglycemic and anti-inflammatory effects of standardized Curcuma xanthorrhiza Roxb. Extract and its active compound xanthorrhizol in high-fat diet-induced obese mice', *Evidence-based Complementary and Alternative Medicine*, 2014. doi: 10.1155/2014/205915.
- Kumar NG, Contaifer D, Madurantakam P, Carbone S, Price ET, Van Tassell B, *et al.* 2019, 'Dietary bioactive fatty acids as modulators of immune function: implications on human health. Nutrients.' doi: 10.3390/nu11122974.
- Li P, Yin YL, Li D, Kim WS, W. G. 2007, 'Amino acids and immune function'. doi: 10.1017/S000711450769936X.
- Liugan, M. and Carr, A. C. 2019, 'Vitamin C and Neutrophil Function : Findings from', pp. 1–16.
- Nair, C. I., Jayachandran, K. and Shashidhar, S. 2008, 'Biodegradation of phenol', *African Journal of Biotechnology*, 7(25), pp. 4951–4958. doi: 10.4018/978-1-5225-8903-7.ch045.
- Nutrition, G. 2020, 'Maintaining a healthy diet during the COVID-19 pandemic', *Maintaining a healthy diet during the COVID-19 pandemic*, 19(March). doi: 10.4060/ca8380en.
- Popkin, B. M., D'Anci, K. E. & Rosenberg, I. H. 2010, 'Water, hydration, and health', *Nutrition reviews*, 68(8), pp. 439–458.
- Riskesdas, K. 2018, 'Hasil Utama Riset Kesehata Dasar (RISKESDAS)', *Journal of Physics A: Mathematical and Theoretical*, 44(8), pp. 1–200. doi:

Erina Febiani, 2021

**POTENSI TURUBUK (*Saccharum Edule Hassk*) UNTUK MENINGKATKAN SISTEM IMUN DITINJAU DARI KANDUNGAN GIZI DAN AKTIVITAS ANTIOKSIDAN**

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[[www.upnvj.ac.id](http://www.upnvj.ac.id)-[www.library.upnvj.ac.id](http://www.library.upnvj.ac.id)-[www.repository.upnvj.ac.id](http://www.repository.upnvj.ac.id)]

10.1088/1751-8113/44/8/085201.

- Sandström, B. 2001, 'Micronutrient interactions: effects on absorption and bioavailability', *British Journal of Nutrition*, 85(S2), p. S181. doi: 10.1049/bjn2000312.
- Pentury, Marlin. 2017, 'Kandungan Nilai Gizi Pada Sayur Lilin (*Saccharum Edule Hasskarl*) Makanan Khas Di Halmahera Utara, Maluku Utara Sebelum Dan Sesudah Pengolahan', *Pharmacon*, 6(4), pp. 249–254. doi: 10.35799/pha.6.2017.17838.
- Shizgal, H. M. 2020, 'Nutrition and immune function.', *Surgery annual*, 13(2), pp. 15–29. doi: 10.30726/esij/v7.i2.2020.72005.
- Sirajuddin. 2010, *Analisis Hubungan Pengeluaran, Asupan Protein dan Kejadian Kurang Energi Kronis Pada Wanita Dewasa di Sulawesi Selatan*. Universitas Indonesia. Makassar.
- Siswanto. B. and Ernawati, F. 2014, 'Peran Beberapa Zat Gizi Mikro Dalam Sistem Imunitas', *Gizi Indonesia*, 36(1), pp. 57–64. doi: 10.36457/gizindo.v36i1.116.
- Susila, A. D. 2008, 'Budidaya Tanaman Terubuk (*Saccharum edule*)'.
- Susilo, A. *et al.* 2020, 'Coronavirus Disease 2019: Tinjauan Literatur Terkini', *Jurnal Penyakit Dalam Indonesia*, 7(1), p. 45. doi: 10.7454/jpdi.v7i1.415.
- Tahir, M., Hikmah, N. and Rahmawati, R. 2016, 'Analisis Kandungan Vitamin C Dan B- Karoten Dalam Daun Kelor (*Moringa Oleifra Lam.*) Dengan Metode Spektrofotometri Uv–Vis', *Jurnal Fitofarmaka Indonesia*, 3(1), pp. 135–140. doi: 10.33096/jffi.v3i1.173.
- Tina Suksmasari, B. H. 2015, 'Multivitamin Supplementation Supports Immune Function and Ameliorates Conditions Triggered By Reduced Air Quality', *Vitamins & Minerals*, 04(02). doi: 10.4172/2376-1318.1000128.
- Ueland, P. M. *et al.* 2017, 'Inflammation, vitamin B6 and related pathways', *Molecular Aspects of Medicine*. Elsevier Ltd, 53, pp. 10–27. doi: 10.1016/j.mam.2016.08.001.
- WHO. 2014, *Human Immunodeficiency Virus HIV/AIDS*. Available at: <http://www.who.int/features/qa/71/en/>.
- WHO Indonesia. 2020, 'Coronavirus Disease Situation Report World Health Organization', *World Health Organization*, 19(May), pp. 1–17.
- Yoneda J, Andou A, T. K. 2009, 'Regulatory roles of amino acids in immune response'. doi: doi: 10.2174/157339709790192567.
- Zuhra, C. F., Tarigan, J. B. and Sihotang, H. 2008, 'Aktivitas Antioksidan Senyawa Flavonoid dari Daun Katuk (*Sauropus androgunus* (L) Merr.)', *Jurnal Biologi Sumatra*, 3(1), pp. 10–13.

Erina Febiani, 2021

**POTENSI TURUBUK (*Saccharum Edule Hassk*) UNTUK MENINGKATKAN SISTEM IMUN DITINJAU DARI KANDUNGAN GIZI DAN AKTIVITAS ANTIOKSIDAN**

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[[www.upnvj.ac.id](http://www.upnvj.ac.id)-[www.library.upnvj.ac.id](http://www.library.upnvj.ac.id)-[www.repository.upnvj.ac.id](http://www.repository.upnvj.ac.id)]