

DAFTAR PUSTAKA

- Agung, R. & Winata, HS. 2010. "Pengolahan Air Limbah Industri Tahu dengan Menggunakan Teknologi Plasma". Prodi Teknik Lingkungan, Fakultas Teknik Sipil dan Perencanaan Universitas Pembangunan Nasional VeteranJawa Timur.
- Alim, I. dan Kurniastuty. 1995. *Teknik Kultur Phytoplankton dan Zooplankton*. Yogyakarta :Kanisius
- Ardhiani, R. R., Farahdiba, A. U., & Juliani, A. (2016). Performance of Oxidation Ditch Algae Reactor (ODAR) for organic compound removal of grey water (Vol. 1, pp. 378–385).
- Becker EW. 1994. Microalgae Biotechnology and Microbiology. Melbourne : CambridgeUniversity Press. 293 hal.
- Benson BC, Gutierrez-Wing MT, Rusch KA. (2007). "The Development Of A Mechanistic Model To Investigate The Impacts Of The Light Dynamics On Algal Productivity In A Hydraulically Integrated Serial Turbidostat Algal Reactor (HISTAR). *Aquacultural Engineerin*, Vol. 36, No. 2, hal. 198-211.
- Bold, H.C dan M.J. Wynne. 1985. Introduction to The Algae (2nd Edition). Prentice-Hall. Inc. Englewood Cliffs, New Jersey, 720 p.
- Chisti Y. (2007). "Biodiesel From Microal-Gae". *Biotechnology Advances*, Vol. 25, No. 3, hal. 294-306.
- Edwards, V. H. (1970). "The Influence Of High Substrate Concentrations On Microbial Kinetics". *Biotech. Bioeng*, Vol. 12, No. 5, hal. 679-712.
- Eze, V. C., Velasquez-Orta, S. B., Hernández-García, A., Monje-Ramírez, I., & Orta-Ledesma, M. T. (2018). "Kinetic modelling of microalgae cultivation for wastewater treatment and carbon dioxice sequestration". *Algal research*, hal. 131-141.

- Farahdiba, A.U. 2018. Performance of Algae Reactor for Nutrient and Organic Compound Removal.
- Farahdiba, A.U. 2020. The Feasibility og Algae Treatment Treating FecalSludge Wastewater at Surabaya, Indonesia.
- Hafsan.2014. Bakteriosin Asal Bakteri Asam Laktat Sebagai Biopreservatif Pangan. Jurnal Teknoscains. UIN Alauddin Makasar. 8:175-184.
- Hermanto, M. B., Boxtel, A.J.B., dan Keesman, K.J. (2020). “Identifikasi Kinetika Pertumbuhan Alga Pada Model Monod”. *Jurnal Agrotek*, Vol. 5, No. 1, hal. 21-31.
- Hoekema S, Douma RD, Janssen M, Tramper J, Wijffels RH. (2006). “Controlling Light-Use By Rhodobacter Capsulatus Continuous Cultures In A Flat-Panel Photobioreactor”. *Biotechnology and Bioengineering*, Vol. 95, No. 4, hal. 613-626.
- Isnansetyo Alim dan Kurniastuty. 1995. Teknik Kultur Phytoplankton Zooplankton. PakanAlam untuk pemberian organism laut. Yogyakarta : Kanisius
- Kabinawa. 1999. *Cultivation Of Alga Chlorella pyenoidosa*. Ann. Rep. Of. I. C. Biotech. Osaka University: Japan
- Kadek. 1999. *Kajian Pendahuluan Pembuatan Nata de Chlorella*. Balai Budidaya Laut Lampung. Ditjen Perikanan-Deptan. 5 hal.
- Kawaroe, M., T. Partono, A. Sunudin, D.S. Wulan, dan D. Augustine. (2010). “Mikroalga : Potensi dan Pemanfaatannya untuk Produksi Bio Bahan Bakar”. IPB Press. Bogor.
- Kencanawati, C. I. (2016), “Sistem Pengelolaan Air Limbah”, Universitas Udayana, Bali.
- Metcalf, and Eddy. (2003), “Wastewater Engineering Treatment and Reuse”, 4th Edition, McGraw-Hill, New York.

- Nur, M.M.A. (2014). "Potensi Mikroalga sebagai Sumber Pangan Fungsional di Indonesia (Overview)". *Jurnal Eksbergi*, Vol. 11, No. 2, hal 01-06.
- Permatasi, R. (2017), "Pengolahan Efluen Instalasi Pengolahan Air Limbah (IPAL) Domestik Menggunakan Biofilter Dengan Media Bioball", Universitas Trisaka, hal. 4.
- Prihatini, N.B, Putri., dan Yuniati, R. 2005. Pertumbuhan Chorella spp. Dalam Medium Ekstak Tauge (MET) dengan Variasi pH Awal. Makara Sains. 9 (1):1-6
- Rorrer GL, Mullikin RK. (1999). "Modeling And Simulation Of A Tubular Recycle Photo-Bioreactor For Macroalgal Cell Suspen-Sion Cultures". *Chemical Engineering Science*, Vol. 54, No. 15-16, hal. 3153-3162.
- Sarman, O. G. (2018), *Mikroalga: Sumber Energi Terbarukan Masa Depan*, Jurnal Kelautan, Vol. 11, No. 1, hal. 96-98.
- Septiani, W. D., Slamet, A., dan Hermana, J. (2014). "Pengaruh Konsentrasi Substrat terhadap Laju Pertumbuhan Alga dan Bakteri Heterotropik pada Sistem HRAR". *Jurnal Teknik ITS*, 3(2), D98.
- Sperling, M.V., (2007). "Activated Sludge and Aerobic Biofilm Reactor", Department of Sanitary and Environment Engineering, Federal University of Minas Gerais, Brazil.
- Tazdait, D., Abdi, N., Grib, H., Lounici, H., Pauss, A., & Mameri, N. (2014). Comparison of different models of substrate inhibition in aerobic batch biodegradation of malathion. *Turkish Journal of Engineering and Environmental Sciences*, 37(3), 221-230.
- Triantoro, K. (2008). Alga Mikro Scenedesmus sp. Sebagai Salah Satu Alternatif Bahan Baku Biodiesel di Indonesia.
- Tziotzios G., Teliou M., Kaltsouni V., Lyberatos G. and Vayenas D.V. (2005). "Biological Phenol Removal Using Suspended Growth And Packed Bed Reactors". *Biochemical Engineering Journal*, Vol. 26, No. 1, hal. 65-71.

- Yanuhar, U., & Musa, N. R. (2019). Identification of Local Isolate of Microalgae Chlorella Vulgaris using Ribulose 1,5 – Bisphosphate Carboxylase/Oxygenase Large Subunit (rbcL) Gene . IOP Conference Series: Materials Science and Engineering, hal 1-6.
- Young, K., Morse, G., Scrimshaw, M., Kinniburgh, J., MacLeod, C., & Lester, J. (1999). The relation between phosphorus and eutrophication in the Thames catchment, UK. *Science of the Total Environment*, 228(2-3), 157-183.
- Xiong, Jiawen, dkk. (2019). *Intrinsic Kinetic Model Of Photoautotrophic Microalgae Based On Chlorophyll Fluorescence Analysis*. Elsevier.