

## DAFTAR PUSTAKA

- Adityaningsih, Achmad, dan Dewi, S. H. C. 2015. Korelasi antara kadar glikogen, asam laktat, pH daging dan susut masak daging domba setelah pengangkutan. *Jurnal AgriSains*, 3(5).
- Amalia. 2018. "Pengaruh Intensitas Cahaya Terhadap Kandungan Pigmen Kultur Konsorsium *Dunaliella* Sp. Dan *Azospirillum* Sp." *Thesis*. Universitas Gadjah Mada.
- Anggarwulan, Solichatun, dan Mudyantini. 2008. "Physiological Characters of Kimpul (*Xanthosoma Sagittifolium* (L.) Schott) in Various of Light Intensity (Shading) and Water Availability." *Biodiversitas Journal of Biological Diversity* 9 (4): 264–68.
- Apriati. 2021. "Kadar Klorofil *Chlorella Pyrenoidosa* Dalam Berbagai Konsentrasi Limbah Cair Tahu *Chlorella Pyrenoidosa* Chlorophyll Levels in Various Concentrations of Tofu Liquid Waste." *Unbara Environment Engineering Journal* 1 (2): 1–8.
- Armis, H., dan Sumakin. 2017. "Analisis Salinitas Air Pada Down Stream Dan Middle Stream Sungai Pampang Makassar Oleh: Aswin Armis Program Studi Teknik Universitas Hasanuddin." *Jurnal Teknik Sipil* 1 (1): 1–10.
- Azimatun, dan Maulana. 2014. "Potency of Microalgae as Source of Functional Food in Indonesia (Overview)." *Eksergi* 11 (2): 1.
- Badar, S.N., Yaakob, Z., dan Timmiati, S.N. 2017. "Growth Evaluation of Microalgae Isolated From Palm Oil Mill Effluent in Synthetic Media." *Malaysian Journal of Analytical Science* 21 (1): 82–94.
- Barzegari, Abolfazl, Hejazi, dan Hosseinzadeh,. 2010. "Dunaliella as an Attractive Candidate for Molecular Farming." *Molecular Biology Reports* 37 (7): 3427–30.
- Chisti, Y. 2007. "Biodiesel from Microalgae." *Biotechnology Advances* 25 (3): 294–306.
- Djunaedi, Imam, dan Mahardiono. 2015. "Modelling and Simulation of Hybrid Control Systems in Solar Cell-Battery-Super Capacitor." *International Journal of Technology and Engineering Studies* 1 (3).
- Fadilah, Siti, dan Pratiwi. 2016. "Propagasi Bibit Rumput Laut *Gracilaria Gigas* Pada Tahap Kultur Jaringan, Aklimatisasi, Dan Pembesaran." *Media Akuakultur* 11 (2): 67.

- Fanindi, Achmad, dan Abdullah, N. 2012. "Pengaruh Intensitas Cahaya Terhadap Produksi Hijauan Dan Benih Kalopo ( *Calopogonium Mucunoides* )." *Jitv* 15 (3): 205-14.
- Febriani, R., S. Hasibuan, dan Syafriadiman. 2020. "The Effect of Different Light Intensity on Density and Carotenoid Content *Dunaliella Salina*." *Februari* 25 (1): 36-43.
- Gunawan. 2021. "Pengaruh Perbedaan Ph Pada Pertumbuhan Mikroalga Klas Chlorophyta." *Bioscientiae* 9 (2): 62.
- Halim, Ronald, Hosikian, Lim, dan Michael. 2010. "Chlorophyll Extraction from Microalgae: A Review on the Process Engineering Aspects." *International Journal of Chemical Engineering* 2010.
- Hermawati, Setia, dan Marshall, R. 2009. "Realistic Elbow Flesh Deformation Based on Anthropometrical Data for Ergonomics Modeling." *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 5620 LNCS: 632-41.
- Hu, Chin, Lin, Lu, Chou, dan Yang. 2008. "Determination of Carotenoids in *Dunaliella Salina* Cultivated in Taiwan and Antioxidant Capacity of the Algal Carotenoid Extract." *Food Chemistry* 109 (2): 439-46.
- Hu. 2013. "Environmental Effects on Cell Composition." *Handbook of Microalgal Culture: Applied Phycology and Biotechnology: Second Edition*, 114-22.
- Ilhami. 2020. "The Effect Of Acidification On Growth And Photosynthesis Rate," no. December: 687-96.
- Inskeep, William, dan Bloom. 1985. "Extinction Coefficients of Chlorophyll a and b In," 483-85.
- Johnson, RD., 2014. "Congress." *A Companion to John F. Kennedy* I: 152-71.
- Juneja, Ankita, Ceballos, dan Murthy. 2013. "Effects of Environmental Factors and Nutrient Availability on the Biochemical Composition of Algae for Biofuels Production: A Review." *Energies* 6 (9): 4607-38.
- Kalangi, Patrice NI, Mandagi, Masengi, Luasunaung. 2013. "Sebaran Suhu Dan Salinitas Di Teluk Manado." *Jurnal Perikanan Dan Kelautan Tropis* 9 (2): 70.
- Kordi, M.G.H, Andi, B.T. 2009. *Pengelolaan Kualitas Air Dalam Budidaya Perairan*. Jakarta: PT. Rineka Cipta.

- Kristilya, S., Nugroho, S., dan Rizal, J. 2019. Kajian Uji Lanjut dari Anava Dalam Rancangan Acak Lengkap. Undergraduated thesis, Fakultas Matematika Dan Ilmu Pengetahuan Alam UNIB.
- Lamers, Packo P., Carlien C.W. 2010. "Carotenoid and Fatty Acid Metabolism in Light-Stressed *Dunaliella Salina*." *Biotechnology and Bioengineering* 106 (4): 638-48.
- Lavens, P dan P. Sorgeloos. 1996. Manual on the production and Use of live Food for Acuaculture. FAO Fisheries Technical Paper. No. 361. Rome: Food and Agriculture Organization of the United Nations.
- Liu dan Wan. 2020. "From Chloroplast Biogenesis to Chlorophyll Accumulation: The Interplay of Light and Hormones on Gene Expression in *Camellia Sinensis* Cv. Shuchazao Leaves." *Frontiers in Plant Science* 11 (March): 1-15.
- Maghfiroh, K. 2017. "Identifikasi Kandungan Klorofil Genus Piper ( Sirih )." *Jurnal Teknologi Pangan Vol 8* (1): 93-98.
- Mata, Teresa M., António A., dan Caetano. 2010. "Microalgae for Biodiesel Production and Other Applications: A Review." *Renewable and Sustainable Energy Reviews* 14 (1): 217-32.
- Maula, Alya, dan Geebinad. 2007. "Kultur *Dunaliella Salina* Serta Potensinya Sebagai Sumber Bahan Baku Antibakteri *Staphylococcus Aureus*."
- Meliawaty, F., 2012. "Efisiensi Sterilisasi Alat Bedah Mulut Melalui Inovasi Oven Dengan Ozon Dan Infrared." *Maranatha J. of Medicine and Health* 11 (2): 147-67.
- Morowvat dan Ghasemi. 2016. "Culture Medium Optimization for Enhanced  $\beta$ -Carotene and Biomass Production by *Dunaliella Salina* in Mixotrophic Culture." *Biocatalysis and Agricultural Biotechnology* 7: 217-23.
- Muchammad dan Rinanti. 2013. "Pengaruh Intensitas Cahaya Terhadap Penyerapan Gas Karbondioksida Oleh Mikroalga Tropis *Ankistrodesmus* Sp. Dalam Fotobioreaktor The Influence Of Light Intensity To Carbondioxide Absorpsion Using Tropical Microalgae *Ankistrodesmus* Sp.In A Photobioreactor." *Jurnal Teknik Lingkungan* 19: 103-16.
- Mufidah, A., Nindarwi. 2019. "Teknik Kultur *Chlorella* Sp. Skala Laboratorium Dan Intermediet Di Balai Perikanan Budidaya Air Payau (Bpbap) Situbondo Jawa Timur." *Journal of Aquaculture and Fish Health* 7 (2).
- Muhammad dan Fakhri. 2020. "Pengaruh Salinitas Terhadap Pertumbuhan,

- Biomassa dan Klorofil-a *Dunaliella* Sp." *Journal of Fisheries and Marine Research* : 395-398
- Naim. 2016. "Pengaruh Penambahan Natrium Nitrat (NaNO<sub>3</sub>) Terhadap Kandungan Lutein Pada Mikroalga *Botryococcus Braunii*." Universitas Airlangga.
- Ningsih, R., 2017. "Laju Fotosintesis Dan Kandungan Pb pada fitoplanton *Dunaliella salina*" *Jurnal Oseana Marina*. 97-102.
- Norbawa. 2014. "Pengaruh Perbedaan Periode Aerasi Karbondioksida Terhadap Laju Pertumbuhan Dan Kadar Total Lipid Pada Kultur *Nannochloropsis Oculata*." *Journal of Marine Reseach*, 6-14.
- Padang, Anita, Abdurahim Lestaluhu, dan Siding. 2018. "Pertumbuhan Fitoplankton *Dunaliella* Sp Dengan Cahaya Berbeda Pada Skala Laboratorium." *Agrikan: Jurnal Agribisnis Perikanan* 11 (1): 1.
- Padang, Anita, Sinta, dan Tuasikal. 2015. "Pertumbuhan Fitoplankton *Tetraselmis* Sp Di Wadah Terkontrol Dengan Perlakuan Cahaya Lampu TL." *Agrikan: Jurnal Agribisnis Perikanan* 8 (1): 21.
- Pandey, Satya, dan Sritharan. 2014. "Transcriptional Regulation of Mycobacterium Tuberculosis HupB Gene Expression." *Microbiology (United Kingdom)* 160 (PART 8): 1637-47.
- Prahitama, A. 2013. "Estimasi Kandungan DO (Dissolved Oxygen) Di Kali Surabaya Dengan Metode Kriging." *Jurnal Jurusan Statistika* 1 (2): 1-6.
- Prasetyo, dan Sedjati. 2022. "Pertumbuhan Mikroalga *Chaetoceros Calcitrans* Pada Kultivasi Dengan Intensitas Cahaya Berbeda." *Buletin Oseanografi Marina* 11 (1): 59-70.
- Raj ,G.P., Soul. 2015. "*Botryococcus Braunii* as a Phycoremediation Tool for the Domestic Waste Water Recycling from Cooum River, Chennai, India." *Journal of Bioremediation & Biodegradation* 06 (03).
- Ramos, Ana A., dan Joao, C., 2011. "The Unicellular Green Alga *Dunaliella Salina* Teod. as a Model for Abiotic Stress Tolerance: Genetic Advances and Future Perspectives." *Algae* 26 (1): 3-20.
- Randrianarison, Gilbert, dan Ashraf. 2017. "Microalgae: A Potential Plant for Energy Production." *Geology, Ecology, and Landscapes* 1 (2): 104-20.
- Reshma, R., K. Devi, S. Kumar, Santhanam,. 2021. "Enhancement of Pigments Production in the Green Microalga *Dunaliella Salina* (PSBDU05) under

- Optimized Culture Condition." *Bioresource Technology Reports* 14 (February): 100672.
- Sakthivel, Ramasamy, Sanniyasi, dan Mohommad. 2011. "Microalgae Lipid Research , Past , Present : A Critical Review for Biodiesel Production , in the Future" 2 (10): 29-49.
- Sayekti, Sundari, Esti dan Muhaemin. 2017. "Pengaruh Intensitas Cahaya Terhadap Kandungan Klorofil -a Dan -c Zooxanthellae Dari Isolat Karang Lunak Zoanthus Sp." *Maspari Journal* 9 (1): 61-68.
- Siregar, M., 2010. "Misran Hasundungan Siregar : Studi Keanekaragaman Plankton Di Hulu Sungai Asahan Porsea, 2010." *Studi Keanekaragaman Plankton Di Hulu Sungai Asahan Porsea*.
- Siswanto, Dian, Yovitadan Munawarti. 2020. "Optimasi Penyerapan Formaldehid Dari Asap Rokok Oleh Euphorbia Mili Des Moul. Dan Sansevieria Trifasciata Prain Menggunakan Light Emitting Diode (LED) Merah-Biru." *Biotropika: Journal of Tropical Biology* 8 (3): 144-51.
- Sukmawan dan Arnata. 2014. "Optimization Salinity and Initial PH on the Biomass Production of Nannochloropsis Sp. K-4." *Jurnal Rekayasa Dan Manajemen Agroindustri* 2 (1): 19-28.
- Suharja, S., Sutarno, S. 2009. Biomassa, kandungan klorofil dan nitrogen daun dua varietas cabai (*Capsicum annum*) pada berbagai perlakuan pemupukan. *Asian Journal of Tropical Biotechnology*, 6(1), 9-16.
- Susanti, Ika, Lutfi, dan Nugroho. 2013. "Pengaruh Penambahan Plant-Growth Promoting Bacteria The Influence of Addition Plant-Growth Promoting Bacteria ( *Azospirillum* Sp .) for Growth Rate of Microalgae ( *Chlorella* Sp .) in The Synthetic Waste Water of Tofu." *Jurnal Keteknikaan Pertanian Tropis Dan Biosistem* 1 (3): 239-48.
- Sutopo, A. 2019. Pengaruh naungan terhadap beberapa karakter morfologi dan fisiologi pada varietas kedelai ceneng. *Jurnal Citra Widya Edukasi*, 11(2), 131
- Wahidin, Suzana, dan Idris. 2013. "The Influence of Light Intensity and Photoperiod on the Growth and Lipid Content of Microalgae *Nannochloropsis* Sp." *Bioresource Technology* 129: 7-11.
- Wahyuni, Nurita, Rahardja, dan Azhar. 2019. "Pengaruh Pemberian Kombinasi Konsentrasi Ekstrak Daun Kelor ( *Moringa Oleifera* ) Dengan Pupuk Walne Dalam Media Kultur Terhadap Laju Pertumbuhan Dan Kandungan Karotenoid *Dunaliella Salina* The Effect of Giving Combination Concentration of Leaves of Moringa" 4 (April): 37-49.

Wulandari. 2019. "Pengaruh Pemberian Variasi PH Terhadap Produksi Trigliserida Total Dan Komposisi Asam Lemak Dari Chlorella Vulgaris Air Tawar." *Jurnal Riset Kimia* 10 (2): 66-74.

Yang *et al.* 2015. "Red Light and Carbon Dioxide Differentially Affect Growth, Lipid Production, and Quality in the Microalga, Ettlia Oleoabundans." *Applied Microbiology and Biotechnology* 99 (1): 489-99.

