

DAFTAR PUSTAKA

- Akbar Putra, K., Purwaningsih, I., & Kuswiyanto, K. (2019). Toksisitas Akut Ekstrak Metanol Mentimun (*Cucumis Sativus L.*) Terhadap Larva *Artemia Salina* Leach Metode Brine Shrimp Lethality Test (BSLT). *Jurnal Laboratorium Khatulistiwa*, 2(2), 67. <https://doi.org/10.30602/jlk.v2i2.334>
- Aqiila, G. R., Taufiqurrahman, I., & Wydiamala, E. (2017). Uji Efektifitas Ekstrak Etanol Daun *Ramania* (*Bouea macrophylla* Griffith) Terhadap Mortalitas Larva *Artemia salina* Leach. *Dentino (Jur. Ked. Gigi)*, Vol II., 170–176.
- Arofah, Najmah (2016) Uji Toksisitas Klorofil B Dari Alga Coklat *Sargassum Filipendula* Dengan Metode Brine Shrimp Lethality Test. Sarjana thesis, Universitas Brawijaya.
- Artanto, RizkiAmba (2016) Uji Toksisitas Klorofil A Alga Coklat *Sargassum Fillipendula* Dengan Metode Blst Brine Shrimp Lethality Test. Sarjana thesis, Universitas Brawijaya.
- Aryanti, N. (2016). Ekstraksi Dan Karakterisasi Klorofil Dari Daun Suji (*Pleomele Angustifolia*) Sebagai Pewarna Pangan Alami. *Jurnal Aplikasi Teknologi Pangan*, 5(4), 129–135. <https://doi.org/10.17728/jatp.196>
- Chen, K., Ríos, J. J., Pérez-gálvez, A., & Roca, M. (2017). Comprehensive Chlorophyll Composition In The Main Edible Seaweeds. *Food Chemistry*, (February). <https://doi.org/10.1016/j.foodchem.2017.02.036>
- Chusniasih, D., Farmasi, P. S., Kedokteran, F., & Malahayati, U. (2020). *UJI TOKSISITAS DENGAN METODE BRINE SHRIMP LETHALITY TEST (BSLT) DAN IDENTIFIKASI KOMPONEN FITOKIMIA EKSTRAK*. 2(02), 192–201.
- Cokrowati, N., Lumbessy, S. Y., Diniarti, N., Supiandi, M., & Bangun, B. (2020). KANDUNGAN KLOOROFIL-a DAN FIKOERITRIN KAPPAPHYCUS ALVAREZII HASIL KULTUR JARINGAN DAN DIBUDIDAYAKAN PADA JARAK TANAM BERBEDA. *Jurnal Biologi Tropis*, 20(1), 125. <https://doi.org/10.29303/jbt.v20i1.1802>
- Darmawati. (2015). Optimasi Jarak Tanam Bibit Terhadap Pertumbuhan *Caulerpa Sp* Di Perairan Laguruda Kabupaten Takalar. *Octopus*, 4(1), 337–344.
- Elmegeed, D. F. A., Ghareeb, D. A., & El-saadani, M. (2014). *Phytochemical constituents and bioscreening activities of green algae (Ulva Lactuca)*. 2(November), 373–378.
- Encinas, V., Barahona, T., Matsuhira, B., Torres, R., & Valenzuela, B. (2014). *Bioactive polysaccharides from marine algae*. 4, 125–138. <https://doi.org/10.1016/j.bcdf.2014.09.002>
- Erniati, E., Zakaria, F. R., Prangdimurti, E., Adawiyah, D. R., & Priosoeryanto, B.

- P. (2018). Penurunan Logam Berat dan Pigmen pada Pengolahan Geluring Rumput Laut *Gelidium* Sp. dan *Ulva Lactuca*. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 21(2), 267. <https://doi.org/10.17844/jphpi.v21i2.23043>
- Farasat, M., Khavari-Nejad, R. A., Nabavi, S. M. B., & Namjooyan, F. (2014). Antioxidant activity, total phenolics and flavonoid contents of some edible green seaweeds from northern coasts of the Persian gulf. *Iranian Journal of Pharmaceutical Research*, 13(1), 163–170. <https://doi.org/10.22037/ijpr.2014.1448>
- Fauziah, A., Bengen, D. G., Kawaroe, M., Effendi, H., & Krisanti, M. (2019). Hubungan Antara Ketersediaan Cahaya Matahari Dan Konsentrasi Pigmen Fotosintetik Di Perairan Selat Bali. *Jurnal Ilmu Dan Teknologi Kelautan Tropis*, 11(1), 37–48. <https://doi.org/10.29244/jitkt.v11i1.23108>
- Ginting, N. K., Sedjati, S., Supriyantini, E., & Ridlo, A. (2018). Pengaruh Pencahayaan terhadap Kandungan Pigmen Tetraselmis chuii sebagai Sumber Antioksidan Alami. *Buletin Oseanografi Marina*, 7(2), 91. <https://doi.org/10.14710/buloma.v7i2.19995>
- Gong, M., & Bassi, A. (2016). Carotenoids from microalgae: A review of recent developments. *Biotechnology Advances*, 34(8), 1396–1412. <https://doi.org/10.1016/j.biotechadv.2016.10.005>
- Haryatfrehni, R., Candra, S., Meilianda, A., & Rahmawati, S. (2015). Preliminary Study the Potency of Macroalgae in Yogyakarta : Extraction and Analysis of Algal Pigments from Common Gunungkidul Seaweeds. *Procedia Chemistry*, 14, 373–380. <https://doi.org/10.1016/j.proche.2015.03.051>
- Hasanela, N, Gaspersz, N , Rosita Silaban, R, Sohilait, M. (2020). *PENGARUH LAMA PENYIMPANAN EKSTRAK KASAR MAKROALGA ULVA LACTUCA TERHADAP KESTABILAN PIGMEN FOTOSINTESIS*. 1(3), 72–78.
- Idris, R., Riniatsih, I., & ... (2014). Identifikasi Pigmen Karotenoid Pada Bakteri Simbion Karang Pocillopora Damicornis. *Journal of Marine ...*, 3, 244–253. Retrieved from <https://ejournal3.undip.ac.id/index.php/jmr/article/view/5996>
- Irwandi. (2017). Struktur komunitas makroalga pada substrat yang berbeda di perairan Desa Tanjung Tiram Kecamatan Moramo Utara Kabupaten Konawe Selatan Provinsi Sulawesi Tenggara. *Manajemen Sumber Daya Perairan*, 2(3), 215–224.
- Jemal, A., Bray, F., & Ferlay, J. (1999). Global Cancer Statistics: 2011. *CA Cancer J Clin*, 49(2), 1,33-64. <https://doi.org/10.3322/caac.20107>. Available
- Kemenkes RI. (2015). Kanker Serviks. *PANDUAN PENATALAKSANAAN KANKER SERVIKS*.
- Kondororik, F., Martosupono, M., & Susanto, A. B. (2016). Identifikasi Komposisi Pigmen , Isolasi , dan Aktivitas Antioksidan β Karoten pada Rumput Laut Merah *Gracilaria gigas* Hasil Budidaya Abstrak. *Jurnal Biologi Dan*

Pembelajaran, 3(1), 1–9.

- Kumala, S., & Sapitri, D. W. (2011). Phytochemical Screening and Toxicological Evaluation Using Brine Shrimp Lethality Test (BSLT) of Some Fractions of Prasman Leaves (*Eupatorium triplinerve* V) Extract. *Indonesian Journal of Cancer Chemoprevention*, 2(1), 193. <https://doi.org/10.14499/indonesianjcanchemoprev2iss1pp193-197>
- Kusmita, L., Puspitaningrum, I., & Limantara, L. (2015). Identification, Isolation and Antioxidant Activity of Pheophytin from Green Tea (*Camellia Sinensis* (L.) Kuntze). *Procedia Chemistry*, 14(April 2016), 232–238. <https://doi.org/10.1016/j.proche.2015.03.033>
- Lestari, D., Kartika, R., & Marlina, E. (2019). Uji Brine Shrimp Lethality Test (BSLT) UMBI BAWANG TIWAI (*Eleutherine bulbosa* (Mill.) Urb) DAN Uji TOKSISITAS AKUT FRAKSI AKTIF. *Jurnal Riset Kefarmasian Indonesia*, 1(1), 1–10. <https://doi.org/10.33759/jrki.v1i1.43>
- Machu, L., Misurcova, L., Ambrozova, J. V., Orsavova, J., Mlcek, J., Sochor, J., & Jurikova, T. (2015). *Phenolic Content and Antioxidant Capacity in Algal Food Products*. 1118–1133. <https://doi.org/10.3390/molecules20011118>
- Marianingsih, P., Amelia, E., & Suroto, T. (2013). Inventarisasi dan identifikasi makroalga di Perairan Pulau Untung Jawa. *Prosiding SEMIRATA. Program Studi Pendidikan Biologi, FKIP - UNTIRTA*, 1(1), 219–223. Retrieved from <http://jurnal.fmipa.unila.ac.id/semirata/article/view/611>
- Mustafa, N., N.Ya'acob., Z.A.Latif., and A. L. Y. 2015. (2015). *Jurnal Teknologi QUANTIFICATION OF OIL PALM TREE LEAF (CHLOROPHYLL A)*. 11, 129–134.
- Najmah (2016) Uji Toksisitas Klorofil B Dari Alga Coklat Sargassum Filipendula Dengan Metode Brine Shrimp Lethality Test. Sarjana thesis, Universitas Brawijaya.
- Nagappan, T., & Vairappan, C. S. (2014). Nutritional and bioactive properties of three edible species of green algae, genus *Caulerpa* (Caulerpaceae). *Journal of Applied Phycology*, 26(2), 1019–1027. <https://doi.org/10.1007/s10811-013-0147-8>
- Nisar, N., Li, L., Lu, S., Khin, N. C., & Pogson, B. J. (2015). Carotenoid metabolism in plants. *Molecular Plant*, 8(1), 68–82. <https://doi.org/10.1016/j.molp.2014.12.007>
- Nuralifah, N., Jabbar, A., Parawansah, P., & Iko, R. A. (2018). Uji Toksisitas Akut Ekstrak Etanol Daun Notika (*Archboldiodendron caloserium* (Kobuski)) Terhadap Larva *Artemia salina* Leach dengan Menggunakan Metode Brine Shrimp Lethality Test (BSLT). *Pharmauho: Jurnal Farmasi, Sains, Dan Kesehatan*, 4(1), 1–5. <https://doi.org/10.33772/pharmauho.v4i1.4618>
- Nurchayani, E., Apriyanti, D., Wahyuningsih, S., Studi, P., Terapan, B., Biologi, J., ... Lampung, U. (2020). *ANALISIS KLOORIFIL DAN PERTUMBUHAN*

EKSPLAN KACANG KEDELAI (Glycine max (L .) Merr .) KULTIVAR ANJASMORO SECARA In Vitro DENGAN PEMBERIAN AIR KELAPA (Cocos nucifera L .). 5(02), 101–110.

Nurchayani, E., Rahmadani, D. D., & Wahyuningsih, S. (2020). *ANALISIS KADAR KLOOROFIL PADA BUNCIS (Phaseolus vulgaris L .) TERINDUKSI INDOLE ACETIC ACID (IAA) SECARA IN VITRO. 5(01), 15–23.*

Nursalam, metode penelitian, & Fallis, A. . (2013). *SPEKTROFOTOMETER CAHAYA TAMPAK SEDERHANA UNTUK MENENTUKAN PANJANG GELOMBANG SERAPAN MAKSIMUM LARUTAN Fe(SCN)3 DAN CuSO4. Journal of Chemical Information and Modeling, 53(9), 1689–1699.*

Ogugu, S., Kehinde, A., James, B., & Paul, D. (2012). *Assessment of Cytotoxic Effects of Methanol Extract of Calliandra Portoricensis Using Brine Shrimp (Artemia Salina). Global Journal of Bio-Science & Biotechnology, 1(2), 257–260.*

Özkan, G., & Ersus Bilek, S. (2014). *Microencapsulation of Natural Food Colourants. International Journal of Nutrition and Food Sciences, 3(3), 145. https://doi.org/10.11648/j.ijnfs.20140303.13*

Pangestuti, R., & Kim, S. (2011). *Biological activities and health benefit effects of natural pigments derived from marine algae. Journal of Functional Foods, 3(4), 255–266. https://doi.org/10.1016/j.jff.2011.07.001*

Panjaitan. (2011). *Uji Toksisitas Akut Ekstrak Kulit Batang Pulasari (Alyxia Cortex) Dengan Metode Brine Shrimp Lethality Test (BSLT).*

Panjaitan, R. S. (2019). *PIGMENT CONTENTS OF Sargassum polycistum MACROALGAE LIPID FROM SAYANG HEULANG BEACH , INDONESIA Riong Seulina Panjaitan. 20(3), 365–375.*

Pertiwi, D. (2014). *Toxicity Test of Ethanol Extract Ant Plant Local Aceh (Mymercodia sp) Method of BSLTLarvae Shrimp Artemia salina Leach. Jurnal Medika Veterinaria, 8(1). https://doi.org/10.21157/j.med.vet..v8i1.3338*

Pramono, I. A., Haryadi, W., Raharjo, T. J., Kimia, M. D., & Kimia, D. (2018). *OPTIMASI EKSTRAKSI LIPID DARI Spirulina platensis MENGGUNAKAN TEKANAN OSMOTIK DENGAN BANTUAN GELOMBANG ULTRASONIK DAN PRODUKSI METIL ESTERNYA SECARA ENZIMATIS. Bimipa, 25(2), 116–128.*

Pulukadan, I., Keppel, R. C., & Gerung, G. S. (2013). *A study on bioecology of macroalgae, genus Caulerpa in northern Minahasa Waters, North Sulawesi Province. Aquatic Science & Management, 1(1), 26. https://doi.org/10.35800/jasm.1.1.2013.1965*

Putnarubun, C., & Valentine, R. Y. (2020). *Pigmen Klorofil Pada Alga Caulerpa sp. Di Kepulauan Kei. Jambura Fish Processing Journal, 2(2), 41–48.*

<https://doi.org/10.37905/jfpj.v2i2.6855>

- Rohani-ghadikolaei, K., & Abdulalian, E. (2012). *Evaluation of the proximate , fatty acid and mineral composition of representative green , brown and red seaweeds from the Persian Gulf of Iran as potential food and feed resources.* 49(December), 774–780. <https://doi.org/10.1007/s13197-010-0220-0>
- Rohmat, N., Ibrahim, R., & Riyadi, P. (2014). Pengaruh Perbedaan Suhu Dan Lama Penyimpanan Rumput Laut Sargassum Polycystum Terhadap Stabilitas Ekstrak Kasar Pigmen Klorofil. *Jurnal Pengolahan Dan Bioteknologi Hasil Perikanan*, 3(1), 118–126.
- Sanja M. Milenković^{1*}, Jelena B. Zvezdanović¹, Tatjana D. Anđelković², D. Z. M., & 1Faculty. (2012). THE IDENTIFICATION OF CHLOROPHYLL AND ITS DERIVATIVES IN THE PIGMENT MIXTURES: HPLC-CHROMATOGRAPHY, VISIBLE AND MASS SPECTROSCOPY STUDIES. *AP Australian Printer Magazine*, 1(MAR.), 34–35. <https://doi.org/10.12968/ukve.2020.4.2.41>
- Sasso, S., Pohnert, G., Lohr, M., Mittag, M., & Hertweck, C. (2012). Microalgae in the postgenomic era: A blooming reservoir for new natural products. *FEMS Microbiology Reviews*, 36(4), 761–785. <https://doi.org/10.1111/j.1574-6976.2011.00304.x>
- Sherly, R., & Asnani. (2016). POTENSI ANGGUR LAUT KELOMPOK *Caulerpa racemosa* SEBAGAI KANDIDAT SUMBER PANGAN FUNGSIONAL INDONESIA. *Oseana*, 41(4), 50–62.
- Siagian, K, L., D, Lantang., S, D. (2018). *UJI AKTIVITAS ANTIFUNGI ANGGUR LAUT (Caulerpa sp.) ASAL PULAU AMBAI SERUI TERHADAP FUNGI Candida krusei DAN Candida albicans.* 15(01), 16–25.
- Subaryono, Perangiingin, R., Thenawidjaja, M., & Za, F. R. (2017). Aktivitas imunomodulator oligosakarida alginat (OSA) yang dihasilkan dari alginat asal *Sargassum crassifolium*. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 20(1), 63–73. <https://doi.org/10.17844/jphpi.2017.20.1.63>
- Suhendra, L., S. Raharjo, P. Hastuti, dan C. H. 2014. (2014). *Fucoxanthin Microemulsion Stability and Its Effectiveness in Inhibiting Photooxidation of Vitamin C in Beverage Model.* 34(2), 138–145.
- Sumenda, L., Rampe, H. L., & Mantiri, F. R. (2011). *Analisis Kandungan Klorofil Daun Mangga (Mangifera indica L.) pada Tingkat Perkembangan Daun yang Berbeda 1).* (Lakitan 2001).
- Tapotubun, A. M., Matrutty, T. E. A. A., Riry, J., Tapotubun, E. J., Fransina, E. G., Mailoa, M. N., ... Rieuwpassa, F. (2020). Seaweed *Caulerpa* sp position as functional food. *IOP Conference Series: Earth and Environmental Science*, 517(1). <https://doi.org/10.1088/1755-1315/517/1/012021>
- Uju, E., Dari, A., Laut, R., Santoso, J., Ramadhan, W., & Abrory, M. F. (2018).

Agar dari rumput laut. 21. Retrieved from <https://journal.ipb.ac.id/index.php/jphpi/article/view/24711>

Varela, J. C., Pereira, H., Vila, M., & León, R. (2015). Production of carotenoids by microalgae: Achievements and challenges. *Photosynthesis Research*, 125(3), 423–436. <https://doi.org/10.1007/s11120-015-0149-2>

Yudasmara, G. A. (2015). Budidaya Anggur Laut (*Caulerpa Racemosa*) melalui Media Tanam Rigid Quadrant Nets Berbahan Bambu. *JST (Jurnal Sains Dan Teknologi)*, 3(2). <https://doi.org/10.23887/jst-undiksha.v3i2.4481>

Zakaria, F. R., & Priosoeryanto, B. P. (2017). *KARAKTERISTIK NORI DARI CAMPURAN RUMPUT LAUT *Ulva lactuca* DAN *Eucheuma cottonii* Characteristics of the Nori from Mixture of *Ulva lactuca* and *Eucheuma cottonii* Seaweeds.* 23–30.