

## DAFTAR PUSTAKA

- Adab, N. and Datang, F.A., 2021. The Origin of Beach Names in Tanjungsari: Toponymy Studies. *International Review of Humanities Studies*, 6(1), 594-614.
- Adani, J.P., Wardhani, E.K.A. and Pharmawati, K., 2018. Identifikasi Pencemaran Logam Berat Timbal (Pb) dan Seng (Zn) di Air Permukaan dan Sedimen Waduk Saguling Provinsi Jawa Barat. *Jurnal Reka Lingkungan*, 6(2), 1-12.
- Adelina, M., Harianto, S.P. and Nurcahyani, N., 2016. Keanekaragaman jenis burung di hutan rakyat pekon kelungu kecamatan kotaagung kabupaten tanggamus. *Jurnal Sylva Lestari*, 4(2), pp.51-60.
- Adhani, R. & Husaini. 2017. Logam Berat Sekitar Manusia. Lambung Mangkurat *University Press*. p. 65-69.
- Adharini, R.I. and Probosunu, N., 2021. Struktur Komunitas dan Kelimpahan Fitoplankton dan Zooplankton pada Musim Penghujan di Zona Intertidal Pantai Selatan Yogyakarta. *Jurnal Kelautan Tropis*, 24(2), pp.167-176.
- Agarwal, S., Albeshr, M.F., Mahboobb, S., Atique, U., Pramanick, P. and Mitra, A., 2022. Bioaccumulation Factor (BAF) of heavy metals in green seaweed to assess the phytoremediation potential. *Journal of King Saud University-Science*, 34(5), p.102078.
- Aisyah, M.N., 2023. Inventarisasi dan Identifikasi Keragaman Jenis Makroalgae Zona Litoral Pantai Seruni Gunung Kidul. *Jurnal Tropika Mozaika*, 2(2), pp.87-94.
- Akali, I. and Kucuksezgin, F., 2011. A biomonitoring study: heavy metals in macroalgae from eastern Aegean coastal areas. *Marine pollution bulletin*, 62(3), 637-645.

- Ali, A.Y., Idris, A.M., Ebrahim, A.M. and Eltayeb, M.A., 2017. Brown algae (Phaeophyta) for monitoring heavy metals at the Sudanese Red Sea coast. *Applied water science*, 7, 3817-3824.
- Alisa, C.A.G. and Faizal, I., 2020. Kandungan timbal dan kadmium pada air dan sedimen di Perairan Pulau Untung Jawa, Jakarta. *Akuatika Indonesia*, 5(1), 21-26.
- Al-Shwafi, N.A. and Rushdi, A.I., 2008. Heavy metal concentrations in marine green, brown, and red seaweeds from coastal waters of Yemen, the Gulf of Aden. *Environmental Geology*, 55, 653-660.
- Amelia, F., Ismarti, I., Ramses, R. & Rozirwan, R. 2019. Biokonsentrasi faktor logam berat pada kerang dari Perairan Batam, Kepulauan Riau, Indonesia. *EduChemia (Jurnal Kimia dan Pendidikan)*. 4(2), 152-163.
- Andini, D., Mardatillah, A., Ramadhan, R. and Fitri, R., 2023, September. Identifikasi Jenis-Jenis Protista Makroalga yang Ditemukan di Kawasan Teluk Bayur, Padang Selatan, Kota Padang. In *Prosiding Seminar Nasional Biologi*, 3(1), 864-876.
- Asrianny, A., Saputra, H., & Achmad, A. 2018. Identifikasi keanekaragaman dan sebaran jenis burung untuk pengembangan ekowisata bird watching di Taman Nasional Bantimurung Bulusaraung. *Perennial*, 14(1), 17-23.
- Banjarnahor, J., 2000. Atlas Ekosistem Pesisir Tanah Grogot, Kalimantan Timur. *Puslitbang Oseanologi-LIPI Jakarta*, hal, 17.
- Barbour, M.G., Burk, J.H., Pitts, W.D., Gilliam, F.S. and Schwartz, M.W., 1999. *Terrestrial Plant Ecology*: 3 rd ed. Sand Hill Road, Addison Wesley Longman, Inc. p. 223-225.
- Bhadra, A.K. and Pattanayak, S.K., 2017. Dominance is more justified than abundance to calculate Importance Value Index (IVI) of plant species. *Asian Journal of Science and Technology*, 8(2), pp.4304-4326.

- Budiastuti, P., Rahadjo, M. and Dewanti, N.A.Y., 2016. Analisis pencemaran logam berat timbal di badan Sungai Babon Kecamatan Genuk Semarang. *Jurnal Kesehatan Masyarakat (Undip)*, 4(5), 119-118.
- Budiyanto, F., Ghandourah, M.A., Bawakid, N.O., Alorfi, H.S., Abdel-Lateff, A. and Alarif, W.M., 2022. Threat and gain: The metabolites of the red algae genus *Acanthophora*. *Algal Research*, 65, p.102751.
- Bibak, M., Sattari, M., Tahmasebi, S., Agharokh, A. and Namin, J.I., 2020. Marine macro-algae as a bio-indicator of heavy metal pollution in the marine environments, *Persian Gulf*, 49 (3), 357-363.
- Cahyani, S.D., Suprayogi, A. and Awaluddin, M., 2012. Deteksi Perubahan Garis Pantai dengan Metode BILKO dan AGSO (Studi Kasus Kawasan Pantai Selatan Provinsi Daerah Istimewa Yogyakarta Tahun 1997 Sampai Tahun 2012). *Jurnal Geodesi UNDIP*, 1(1), 1-7.
- Chin, W.W., 1998. The partial least squares approach to structural equation modeling. *Modern methods for business research*, 295(2), pp.295-336.
- Cindana Mo'o, F.R., Wilar, G., Devkota, H.P. and Wathoni, N., 2020. Ulvan, a polysaccharide from macroalga *Ulva* sp.: A review of chemistry, biological activities and potential for food and biomedical applications. *Applied Sciences*, 10(16), 5488.
- Cochran, W.G., 1977. *Sampling techniques*. John Wiley & Sons.
- Connel, D.W. and Miller, G.J., 1995. Kimia dan ekotoksikologi pencemaran. *Terjemahan, Penerbit Universitas Indonesia*, 520.
- Cordova, M.R. and Muhtadi, A., 2017. Skrining Kemampuan Absorpsi Merkuri pada Makroalga Cokelat *Hormophysa triquetra* dan Makroalga Merah *Gracilaria salicornia* dari Pulau Pari. *OLDI (Oseanologi dan Limnologi di Indonesia)*, 2(3), 25-33.

- Damayanti, A. and Ayuningtyas, R., 2008. Karakteristik fisik dan pemanfaatan pantai karst Kabupaten Gunungkidul. *Makara Journal of Technology*, 12(2), 91-98.
- Davis TA, Volesky B, Mucci A. 2003. A review of the biochemistry of heavy metal biosorption by brown algae. *Water Res* , 37, 4311–4330.
- Dewi, A.P., Kartini, S. and Islami, D., 2019. Analisa Cemarkan Timbal pada Lipstik Cair Menggunakan Spektrofotometri Serapan Atom (SSA). *JOPS (Journal Of Pharmacy and Science)*, 2(2), 1-6.
- de Jong, Y., Hitipeuw, C. and van Reine, W.F., 1999. A taxonomic, phylogenetic and biogeographic study of the genus *Acanthophora* (Rhodomelaceae, Rhodophyta). *Blumea: Biodiversity, Evolution and Biogeography of Plants*, 44(1), pp.217-249.
- Farizky, C.K., Fitriani, M., Hidayati, N.V., Rahardja, B.S. and Andriyono, S., 2022. Studi Bioakumulasi Logam Berat (Pb, Cd, Dan As) pada Rumput Laut (*Caulerpa Racemosa*) dari Tambak Tradisional di Brondong, Lamongan. *Jurnal Perikanan Unram*, 12(4), 722-733.
- Festi, F., Jumiati, J. and Aba, L., 2022. Identifikasi Jenis-jenis Makroalga di Perairan Pantai Sombano Kabupaten Wakatobi. *Penalogik: Penelitian Biologi dan Kependidikan*, 1(1), 11-24.
- Fitrihastuti, A.N., Auliadani, N.M., Mudrikah, S., Wulandari, M.T., Sayidinar, A., Khairunnisa, A.D., Angellya, B.F., Utami, L.W. and Untari, L.F. 2023. Kemelimpahan Makroalgae di Zona Intertidal Pantai Nglolang, Gunungkidul, Yogyakarta. *Berkala Ilmiah Biologi*, 14(2), 16-24.
- Gautam, R.K., Sharma, S.K., Mahiya, S. and Chattopadhyaya, M.C., 2014. Contamination of heavy metals in aquatic media: transport, toxicity and technologies for remediation.

- Ghazali, M. and Nurhayati, N., 2019. Peluang dan tantangan pengembangan makroalga non budidaya sebagai bahan pangan di Pulau Lombok. *Jurnal Agrotek Ummat*, 5(2), 135-140.
- Gray, J.S., 2002. Biomagnification in marine systems: the perspective of an ecologist. *Marine pollution bulletin*, 45(1-12), 46-52.
- Hadisusanto, S., Dewi, S.C., Meilianda, A., Haryatfrehni, R. and Sari, I.Z.R., 2015. Macroalgal abundance in intertidal zone of Sarangan Beach, Gunungkidul, DIY. *KnE Life Sciences*, 518-521.
- Handayani, N.A. and Suryani, T., 2019. Inventarisasi dan Pola Distribusi Makroalga pada Substrat Batu Karang di Pantai Kukup Gunung Kidul Yogyakarta (Doctoral dissertation, Universitas Muhammadiyah Surakarta).
- Handayani, T., 2020. Struktur komunitas, peranan dan adaptasi makroalga di intertidal berbatu. *OSEANA*, 45(1), pp.59-69.
- Harahap, M.R., Yulian, M. and Agusti, A.N., 2019. Analisis Logam Timbal dan Tembaga terhadap Daya Serap Rumput Laut *Gracilaria* sp. sebagai Biosorben. *AMINA*, 1(2), 45-58.
- Hayati, R., Rahly, F. and Majid, M.I., 2023. Struktur genetik molekuler selada laut (*Ulva lactuca*) di Pantai Ulee Lheue, Indonesia. *Agroteknika*, 6(2), pp.249-261.
- Henderson, P.A. and Southwood, T.R.E., 2016. *Ecological methods*. John Wiley & Sons. p.511
- Hidayat, M., 2018. Analisis vegetasi dan keanekaragaman tumbuhan di kawasan manifestasi geotermal ie suum Kecamatan Mesjid Raya Kabupaten Aceh Besar. *BIOTIK: Jurnal Ilmiah Biologi Teknologi Dan Kependidikan*, 5(2), pp.114-124.

- Irawan, S., 2022. Forecasting Curah Hujan sebagai Upaya Mitigasi Bencana Kekeringan di Kabupaten Gunung Kidul Tahun 2022. In *Prosiding Seminar Nasional Fakultas Pertanian UNS* (Vol. 6, No. 1, pp. 370-376).
- James, G., Witten, D., Hastie, T., Tibshirani, R. and Taylor, J., 2023. Linear regression. In *An introduction to statistical learning: With applications in python*. Cham: Springer International Publishing. pp. 69-134
- Janah, L.N., Rizkyta, A.N., Hidayah, A.N., Gavintri, M.B., Salsabila, N.S., Pratita, S.D., Nurahmah, Z. and Eprilurahman, R., 2021. The abundance and distribution patterns of echinoderms in the Intertidal Zone of Nglolang Beach, Gunungkidul, Yogyakarta. In *3rd KOBICONGRESS, International and National Conferences (KOBICINC 2020)*. Atlantis Press, 31-36.
- Kasanah, N., Ulfah, M., Imania, O., Hanifah, A.N. and Marjan, M.I.D., 2022. Rhodophyta as potential sources of photoprotectants, antiphotaging compounds, and hydrogels for cosmeceutical application. *Molecules*, 27(22), p.7788.
- Kawaroe, M., Prartono, T., Sunuddin, A., Sari, D.W. and Augustine, D., 2009. Specific growth rate of *Chlorella* sp. and *Dunaliella* sp. according to different concentration of nutrient and photoperiod. *Jurnal Ilmu-ilmu Perairan dan Perikanan Indonesia*, 16(1), pp.73-77.
- Kharismawati, W., Sukiman, S. and Astuti, S.P., 2019. Keanekaragaman Jenis Makroalga di Pantai Tawun, Kecamatan Sekotong. *BioWallacea Jurnal Ilmiah Ilmu Biologi*, 5(2), pp.98-105.
- Khairunnas, K. and Gusman, M., 2018. Analisis pengaruh parameter konduktivitas, resistivitas dan TDS terhadap salinitas air tanah dangkal pada kondisi air laut pasang dan air laut surut di daerah pesisir pantai Kota Padang. *Bina Tambang*, 3(4), pp.1751-1760.
- Kim, T.K., 2015. T test as a parametric statistic. *Korean journal of anesthesiology*, 68(6), 540.

- Krebs, C.J. 2012. *Ecological Methodology*. 3rd Ed. London: Pearson.
- Kumala, A.R. and Sugiarto, Y., 2012, November. Analisis Pengaruh Curah Hujan terhadap Produktivitas Garam Studi Kasus: Pegaraman I Sumenep PT. Garam (Persero). In *Prosiding Seminar Nasional Sains IV. Bogor* (Vol. 10).
- Litaay, C., 2014. Sebaran dan keragaman komunitas makro algae di perairan Teluk Ambon. *Jurnal Ilmu dan Teknologi Kelautan Tropis*, 6(1), 131-142.
- Manuaba, I.B.A., Arnyana, I.B. and Santiasa, M.P., 2018. Kajian Spesies Tumbuhan Karakter Melalui Analisis Np Dan Sdr Pada Vegetasi Hutan Puakan, Dusun Puakan, Desa Taro, Tegallalang, Gianyar. *Jurnal Pendidikan Biologi Undiksha*, 5(1), pp.1-10.
- Mainassy, M.C., 2017. Pengaruh parameter fisika dan kimia terhadap kehadiran ikan lomp (Thryssa baelama Forsskal) di Perairan Pantai Apui Kabupaten Maluku Tengah. *Jurnal Perikanan Universitas Gadjah Mada*, 19(2), pp.61-66.
- Marianingsih, P., Amelia, E. and Suroto, T., 2013. Inventarisasi dan identifikasi makroalga di perairan Pulau Untung Jawa. *Prosiding SEMIRATA 2013*, 1(1), 219-223.
- Moenne, A., González, A. and Sáez, C.A., 2016. Mechanisms of metal tolerance in marine macroalgae, with emphasis on copper tolerance in Chlorophyta and Rhodophyta. *Aquatic Toxicology*, 176, pp.30-37.
- Mouritsen, O.G., 2013. The science of seaweeds: marine macroalgae benefit people culturally, industrially, nutritionally, and ecologically. *American scientist*, 101(6), 458-466.
- Mshigeni, K.E. and Magingo, F.S.S., 1982. Studies on the Morphology, Distribution Ecology and Ecophysiology of *Acrocystis nana* Zanardini (Rhodophyta, Ceramiales) in Tanzania.
- Mufarrikoh, Z., 2024. Analisis Mann-Whitney pada Pemahaman Materi Statistika Pendidikan. *Attractive: Innovative Education Journal*, 6(1), pp.390-398.

- Norris, J.N., 2010. Marine algae of the northern Gulf of California: Chlorophyta and Phaeophyceae. *Smithsonian contributions to botany*. p 19-32.
- Nugroho, W., 2014. Kelimpahan bintang mengular (Ophiuroidea) di Perairan Pantai Sundak dan Pantai Kukup Kabupaten Gunungkidul, Yogyakarta. *Management of Aquatic Resources Journal (MAQUARES)*, 3(4), 51-57.
- Nurmiyati, N., 2013. Keragaman, Distribusi dan Nilai Penting Makro Alga di Pantai Sepanjang Gunung Kidul. *Bioedukasi: Jurnal Pendidikan Biologi*, 6(1), pp.12-21.
- Ode, I. and Wasahua, J., 2014. Jenis-jenis alga coklat potensial di perairan pantai Desa Hutumuri Pulau Ambon. *Agrikan: Jurnal Agribisnis Perikanan*, 7(2), 39-45.
- Odum, E.P. and Barrett, G.W., 1971. *Fundamentals of ecology* (Vol. 3, p. 5). Philadelphia: Saunders.
- Odum, E.P. 1993. *Dasar-Dasar Ekologi Edisi Ketiga*. Yogyakarta: Gadjah Mada University Press. p. 696.
- Pakidi, C.S. and Suwoyo, H.S., 2016. Potensi Dan Pemanfaatan Bahan Aktif Alga Cokelat *Sargassum* Sp. *Octopus: Jurnal Ilmu Perikanan*, 5(2), pp.488-498.
- Patty, S.I. and Akbar, N., 2018. kondisi suhu, salinitas, ph dan oksigen terlarut di perairan terumbu karang Ternate, Tidore dan sekitarnya. *Jurnal Ilmu Kelautan Kepulauan*, 1(2).
- Patty, S.I., Nurdiansah, D. and Akbar, N., 2020. Sebaran suhu, salinitas, kekeruhan dan kecerahan di perairan Laut Tumbak-Bentenan, Minahasa Tenggara. *Jurnal Ilmu Kelautan Kepulauan*, 3(1).
- Pearce, J. and Ferrier, S., 2001. The practical value of modelling relative abundance of species for regional conservation planning: a case study. *Biological conservation*, 98(1), pp.33-43.



- Pereira, L., 2021. Macroalgae. *Encyclopedia*, 1(1), 177-188.
- Pratama, W., Dewi, S.C., Sari, I.Z., Hardiyati, A. and Wajong, A.E., 2015. Distribution and abundance of macroalgae in intertidal zone of Drini Beach, Gunungkidul, DIY. *KnE Life Sciences*, 514-517.
- Pratita, S.D., Gavintri, M.B., Rizkyta, A.N., Khasanah, L.U., Ponkiyawati, F.A. and Retnoaji, B., 2022. Study on the potential of sea urchin *Tripneustes gratilla* (Linnaeus, 1758) as a bioindicator dangerous plastic pollution in environment of gunungkidul beach Yogyakarta. In *IOP Conference Series: Earth and Environmental Science* 1036 (1), 1-10.
- Purba, D. and Purba, M., 2022. Aplikasi Analisis Korelasi dan Regresi menggunakan Pearson Product Moment dan Simple Linear Regression. *Citra Sains Teknologi*, 1(2), 97-103.
- Puri, P.C., Mishra, P., Jhajharia, B. and Singh, M., 2014. Coordinative abilities of volleyball in different age groups: A comparative study. *International Journal of Behavioral Social and Movement Sciences*, 3(3), 56-68.
- Purnamawati, F.S., Soeprbowati, T.R. and Izzati, M., 2015. Potensi *Chlorella vulgaris* Beijerinck Dalam Remediasi Logam Berat Cd Dan Pb Skala Laboratorium. *Bioma: Berkala Ilmiah Biologi*, 16(2), 102-113.
- Putra, A.Y. and Mairizki, F., 2020. Analisis Logam Berat pada Air Tanah di Kecamatan Kubu Babussalam, Rokan Hilir, Riau. *Jurnal Katalisator*, 5(1), 47-53.
- Putra, M.D.N., Widada, S. and Atmodjo, W., 2022. Studi Kandungan Logam Berat Timbal (Pb) pada Sedimen Dasar di Perairan Banjir Kanal Timur Semarang. *Indonesian Journal of Oceanography*, 4(3), 13-21.
- Putri, L.S.E., 2016. Biosorption of lead using macroalgae *Eucheuma spinosum*, *Padina minor* and *Sargassum crassifolium* in aqueous solution. *Asian Journal of Applied Sciences*, 4(2).

- Poray, A.K. and Carpenter, R.C., 2014. Distributions of coral reef macroalgae in a back reef habitat in Moorea, French Polynesia. *Coral Reefs*, 33, 67-76.
- Priatna, D.E., Purnomo, T. and Kuswanti, N., 2016. Kadar logam berat timbal (Pb) pada air dan ikan bader (*Barbonymus gonionotus*) di Sungai Brantas wilayah Mojokerto. *Lentera Bio*, 5(1), 48-53.
- Rahman, A., 2018. Kandungan logam berat timbal (Pb) dan kadmium (Cd) pada beberapa jenis krustasea di pantai Batakan dan Takisung Kabupaten Tanah Laut Kalimantan Selatan. *Bioscientiae*, 3(2).
- Rahmawati, D. I., Dewi, B. S., Harianto, S. P., & Nurcahyani, N. 2019. Kelimpahan dan Kelimpahan Relatif Dung Beetle di Hutan Pendidikan Konservasi Terpadu Universitas Lampung Pada Blok Lindung TAHURA Wan Abdul Rachman. *Gorontalo Journal of Forestry Research*, 2(2), 77-87.
- Ratnawati, N.A., Prasetya, A.T. and Rahayu, E.F., 2019. Validasi Metode Pengujian Logam Berat Timbal (Pb) dengan Destruksi Basah Menggunakan FAAS dalam Sedimen Sungai Banjir Kanal Barat Semarang. *Indonesian Journal of Chemical Science*, 8(1), 60-68.
- Rautenberger, R. and Bischof, K., 2006. Impact of temperature on UV-susceptibility of two *Ulva* (Chlorophyta) species from Antarctic and Subantarctic regions. *Polar Biology*, 29, pp.988-996.
- Rizki, P., 2020. *Keanekaragaman Jenis Makroalga Yang Terdapat Di Kawasan Pantai Ujoeng Kareung Aceh Besar Sebagai Referensi Mata Kuliah Botani Tumbuhan Rendah* (Doctoral dissertation, UIN AR-RANIRY).
- Romimohtarto, K. and Thayib, S.S., 1982. Kondisi Lingkungan dan laut di Indonesia. *LON-LIPI, Jakarta*, 246.
- Ronaldo, I.H.S. and Wahyuni, N., 2013. Adsorpsi Ion Logam Cu (II) Menggunakan Biomassa Alga Coklat (*Sargassum crassifolium*) yang Terenkapsulasi Aqua-Gel Silika. *Jurnal Kimia Khatulistiwa*, 2(3).

- Safitri, A., Wahid, I., Khairaddaraini, K. and Mulyadi, M., 2019. Analisis Vegetasi Tumbuhan Habitus Tiang dan Pohon di Kawasan Pegunungan Deudap Pulo Aceh Kabupaten Aceh Besar. In *Prosiding Seminar Nasional Biotik*, 6(1), 259-265.
- Sandy, A.M., Indrayani, I. and Yasidi, F., 2021. Komposisi Jenis dan Distribusi Makroalga Berdasarkan Tipe Substrat di Perairan Pantai Kampa Desa Wawobili Kabupaten Konawe Kepulauan. *Jurnal Manajemen Sumber Daya Perairan*, 6(1), 19-36.
- Serdiati, N. and Widiastuti, I.M., 2010. Pertumbuhan dan produksi rumput laut *Eucheuma cottonii* pada kedalaman penanaman yang berbeda. *Media Litbang Sulteng*, 3(1).
- Shalihati, S.F. 2014. Pemanfaatan Penginderaan Jauh dan Sistem Informasi Geografi dalam Pembangunan Sektor Kelautan serta Pengembangan Sistem Pertahanan Negara Maritim. *Geo Edukasi*, 3(2), 115.
- Shanbehzadeh, S., Vahid Dastjerdi, M., Hassanzadeh, A. and Kiyanizadeh, T., 2014. Heavy metals in water and sediment: a case study of Tembi River. *Journal of environmental and public health*, 2014.
- Sharma, R.C., Singh, N. and Chauhan, A., 2016. The influence of physico-chemical parameters on phytoplankton distribution in a head water stream of Garhwal Himalayas: a case study. *Egyptian Journal of Aquatic Research*, 42(1), pp.11-21.
- Sitorus, H., 2004. Analisis beberapa karakteristik lingkungan perairan yang mempengaruhi akumulasi logam berat timbal dalam tubuh kerang darah di perairan pesisir timur Sumatera Utara. *Jurnal ilmu-ilmu perairan dan perikanan indonesia*, 11(1), 53-60.
- Smith, D., 2013. Ecology of the New Zealand rocky shore community. *New Zealand: New Zealand Marine Studies Centre*. pp 61.

- Stephani, W., Santosa, G.W. and Sunaryo, S., 2014. Distribusi Makroalgae di Wilayah Intertidal Pantai Krakal, Kabupaten Gunung Kidul, Yogyakarta. *Journal of Marine Research*, 3(4), pp.633-641.
- Sumarno, D. and Kusumaningtyas, D.I., 2019. Penentuan Limit Deteksi dan Limit Kuantitasi untuk Analisis Logam Timbal (Pb) dalam Air Tawar Menggunakan Alat Spektrofotometer Serapan Atom. *Buletin Teknik Litkayasa Sumber Daya dan Penangkapan*, 16(1), 7-11.
- Supardi, W. and Nugroho, A.P., 2020. Bioakumulasi Timbal (Pb) Pada Makroalga *Padina australis* Hauck di Perairan Laut Kota Makassar, Sulawesi Selatan. *Bioma: Berkala Ilmiah Biologi*, 22(1), 8-14.
- Tanaka, Y., Ashaari, A., Mohamad, F.S. and Lamit, N., 2020. Bioremediation potential of tropical seaweeds in aquaculture: low-salinity tolerance, phosphorus content, and production of UV-absorbing compounds. *Aquaculture*, 518, p.734853.
- Tangahu, B.V., Sheikh Abdullah, S.R., Basri, H., Idris, M., Anuar, N. and Mukhlisin, M., 2011. A review on heavy metals (As, Pb, and Hg) uptake by plants through phytoremediation. *International journal of chemical engineering*, 2011.
- Terasaki, M., Hirose, A., Narayan, B., Baba, Y., Kawagoe, C., Yasui, H., Saga, N., Hosokawa, M. and Miyashita, K., 2009. Evaluation of recoverable functional lipid components of several brown seaweeds (Phaeophyta) from Japan with special reference to fucoxanthin and fucosterol contents 1. *Journal of phycology*, 45(4), 974-980.
- Ulfa, S.W., Dwi, C.P., Rahma, A., Ananda, U.F. and Sirait, M.W.H., 2024. Identifikasi Makroalga Di Daerah Pesisir Pantai Pulau Jawa. *Jurnal Pendidikan, Sains Dan Teknologi*, 3(2), pp.387-392.
- Van Horne, B., 1983. Density as a misleading indicator of habitat quality. *The Journal of Wildlife Management*, pp.893-901.

- Vieira, C., Daudinet, M. and Kim, M.S., 2024. Untangling the peacock's tail: Species diversity, taxonomy and origins of the economically valuable brown alga *Padina* (Dicyotales, Phaeophyceae) in Korea. *Algal Research*, 79, p.103439.
- Wei, L.L., Zhou, Q., Xie, C.X., Wang, J. and Li, J., 2016. Bioaccumulation and biomagnification of heavy metals in three gorges reservoir and effect of biological factors. *Huan jing ke xue= Huanjing kexue*, 37(1), 325-334.
- Widyastuti, S., 2009. Alginate content of the seaweeds grown in coastal zone of Lombok extracted by two extraction methods. *Jurnal Teknologi Pertanian*, 10(3).
- Widowati, H., Sari, K. and Sulistiani, W.S., 2015. Profil Logam Berat Cd, Cr (VI) dan Pb pada Lokasi Berbeda di Provinsi Lampung serta Bioakumulasinya pada Tanaman Pangan. *BIOEDUKASI (Jurnal Pendidikan Biologi)*, 6(2), 112-121.
- Yolanda, Y., 2023. Analisa pengaruh suhu, salinitas dan pH terhadap kualitas air di muara perairan Belawan. *Jurnal Teknologi Lingkungan Lahan Basah*, 11(2), pp.329-337.
- Yoon, H. S., McEuler, K. M., Sheath, R. G., Ott, F. D., & Bhattacharya, D. 2006. Defining the major lineages of red algae (Rhodophyta). *Journal of Phycology*, 42(2), 482–492.
- Yoon, H.S., Nelson, W., Lindstrom, S.C., Boo, S.M., Poeschel, C., Qiu, H. and Bhattacharya, D., 2017. Rhodophyta. In *Handbook of the Protists: Second Edition* (pp. 89-133). Springer International Publishing.
- Zeitoun, M.M. and Mehana, E.E., 2014. Impact of water pollution with heavy metals on fish health: overview and updates. *Global Veterinaria*, 12(2), 219-231.

Zou, X.X., Xing, S.S., Su, X., Zhu, J., Huang, H.Q. and Bao, S.X., 2018. The effects of temperature, salinity and irradiance upon the growth of *Sargassum polycystum* C. Agardh (Phaeophyceae). *Journal of Applied Phycology*, 30, pp.1207-1215.