

## DAFTAR PUSTAKA

- Abdelghany, A. M., Meikhail, M. S., & Asker, N. (2019). Synthesis and structural-biological correlation of PVC \ PVAc polymer blends. *Integrative Medicine Research*, 8(5), 3908–3916. <https://doi.org/10.1016/j.jmrt.2019.06.053>
- Akhbarizadeh, R., Moore, F., Keshavarzi, B., Akhbarizadeh, R., & Moore, F. (2019). Food Additives & Contaminants : Part A Investigating microplastics bioaccumulation and biomagnification in seafood from the Persian Gulf : a threat to human health? Investigating microplastics bioaccumulation and biomagnification in seafood from the Pers. *Food Additives & Contaminants: Part A*, 0(0), 1–13. <https://doi.org/10.1080/19440049.2019.1649473>
- Anandkumar, A., Nagarajan, R., Prabakaran, K., Han, C., & Rajaram, R. (2018). Human health risk assessment and bioaccumulation of trace metals in fish species collected from the Miri coast , Sarawak , Borneo. *Marine Pollution Bulletin*, 133(June), 655–663. <https://doi.org/10.1016/j.marpolbul.2018.06.033> ayuningtyas,2019. (n.d.).
- Ayuningtyas, Cahya W., 2019. Kelimpahan Mikroplastik Pada Perairan Di Banyuurip, Gresik, Jawa Timur. *JFMR-Journal of Fisheries and Marine Research* 3(1): 41–45. [in Indonesian]
- Barboza, L. G. A., Dick Vethaak, A., Lavorante, B. R. B. O., Lundebye, A. K., & Guilhermino, L. (2018). Marine microplastic debris: An emerging issue for food security, food safety and human health. In *Marine Pollution Bulletin* (Vol. 133, pp. 336–348). Elsevier Ltd. <https://doi.org/10.1016/j.marpolbul.2018.05.047>
- Bendell, L. I., LeCadre, E., & Zhou, W. (2020). Use of sediment dwelling bivalves to biomonitor plastic particle pollution in intertidal regions; A review and study. *PLoS ONE*, 15(5). <https://doi.org/10.1371/journal.pone.0232879>
- Bergmann, M., Gutow, L., & Klages, M. (2015). Marine anthropogenic litter. *Springer Open*, 1–447. <https://doi.org/10.1007/978-3-319-16510-3>
- Botterell, Z. L. R., Beaumont, N., Dorrington, T., Steinke, M., Thompson, R. C., & Lindeque, P. K. (2020). Bioavailability and effects of microplastics on marine zooplankton: *Environmental Pollution*, 245(2019), 98–110. <https://doi.org/10.1016/j.envpol.2018.10.065>
- Brander, S. M., Renick, V. C., Foley, M. M., Steele, C., Woo, M., Lusher, A., Carr, S., Helm, P., Box, C., Cherniak, S., Andrews, R. C., & Rochman, C. M. (2020). Sampling and Quality Assurance and Quality Control: A Guide for Scientists Investigating the Occurrence of Microplastics Across Matrices. *Applied Spectroscopy*, 74(9), 1099–1125.

<https://doi.org/10.1177/0003702820945713>

- Browne, M. A., Crump, P., Niven, S. J., Teuten, E., Tonkin, A., Galloway, T., & Thompson, R. (2011). Accumulation of microplastic on shorelines worldwide: sources and sinks. *Environmental Science & Technology*, 45(21), 9175-9179.
- Claessens M., Meester S., Van Landuyt L., De Clerck K., Janssen C.R., 2011. Occurrence and distribution of microplastics in marine sediments along the Belgian coast. *Marine Pollution Bulletin* 62(10):2199–2204.
- Cole, M., Lindeque, P., Halsband, C., & Galloway, T. (2016). *Microplastics as contaminants in the marine environment: a review. Exeter Riset Terbuka BIJH.*
- Cordova, M. R., Purwiyanto, A. I. S., & Suteja, Y. (2019). Abundance and characteristics of microplastics in the northern coastal waters of Surabaya, Indonesia. *Marine Pollution Bulletin*, 142, 183–188. <https://doi.org/10.1016/j.marpolbul.2019.03.040>
- Crawford, C. B., & Quinn, B. (2017a). Physiochemical properties and degradation. In *Microplastic Pollutants* (pp. 57–100). Elsevier. <https://doi.org/10.1016/b978-0-12-809406-8.00004-9>
- Crawford, C. B., & Quinn, B. (2017b). Plastic production, waste and legislation. In *Microplastic Pollutants* (pp. 39–56). Elsevier. <https://doi.org/10.1016/b978-0-12-809406-8.00003-7>
- Crawford, C. B., & Quinn, B. (2017c). The emergence of plastics. In *Microplastic Pollutants* (pp. 1–17). Elsevier. <https://doi.org/10.1016/b978-0-12-809406-8.00001-3>
- Daniel, D. B., Ashraf, P. M., Thomas, S. N., & Thomson, K. T. (2021). Microplastics in the edible tissues of shellfishes sold for human consumption. *Chemosphere*, 264. <https://doi.org/10.1016/j.chemosphere.2020.128554>
- Deswati D, Wisna ND, Zein R, Tetra ON, Suparno S, Pardi H, Suteja Y, 2023a. Preliminary study on microplastic pollution in water and sediment at the Beaches of Pariaman City, West Sumatra, Indonesia. *AACL Bioflux* 16(1):381-397
- Deswati D., Tetra O. N., Febriani U., Suparno S., Pardi H., Putra A., 2023b. Detection of microplastic in sediments at beach tourism area of Muaro Lasak, Padang City, West Sumatra, Indonesia. *AACL Bioflux* 16(5):2765-2780.
- Deswati D., Tetra O. N., Hayati M., Putra A., Fitri W. E., Suparno S., Pardi H., 2023c. Preliminary detection of microplastics in surface water of Maninjau Lake in Agam, Indonesia. *AACL Bioflux* 16(5):2601-2614.
- Deswati D, Hamzani BK, Yusuf Y, Fitri WE, Putra A, 2023d. Detection of microplastic contamination in table salts in Padang City, Indonesia, and

control strategies for choosing healthy salt, *International Journal of Environmental Analytical Chemistry*, DOI: 10.1080/03067319.2023.2268523

- Deswati, Zakaria, I. J., Sutopo, J., Tetra, O. N., & Pardi, H. (2021). Metoda analisis mikroplastik dalam sampel lingkungan. (H. Pardi(ed,) First).*Rumah cemerlang Indonesia*. www.reipress.reipublisier.org
- Di, M., & Wang, J. (2018). Microplastics in surface waters and sediments of the Three Gorges Reservoir, China. *Science of the Total Environment*, 616–617, 1620–1627. <https://doi.org/10.1016/j.scitotenv.2017.10.150>
- Ding, J., Li, J., Sun, C., Jiang, F., He, C., Zhang, M., Ju, P., & Ding, N. X. (2020). An examination of the occurrence and potential risks of microplastics across various shellfish. *Science of the Total Environment*, 739. <https://doi.org/10.1016/j.scitotenv.2020.139887>
- Ding, J., Sun, C., He, C., Li, J., Ju, P., & Li, F. (2021). Microplastics in four bivalve species and basis for using bivalves as bioindicators of microplastic pollution. *Science of the Total Environment*, 782. <https://doi.org/10.1016/j.scitotenv.2021.146830>
- Emriadi. (2021). *Kimia Polimer*. Andalas University Press
- Fisher, W. L., & Garrison, R. E. (2009). Mollusk-mediated sediments in aquatic ecosystems. In *Developments in Sedimentology* (Vol. 59, pp. 425-449). Elsevier.
- Frias, J. P. G. L., & Nash, R. (2019). Microplastics: Finding a consensus on the definition. *Marine Pollution Bulletin*, 138(September 2018), 145–147. <https://doi.org/10.1016/j.marpolbul.2018.11.022>
- Garcia-Garin, O., Vighi, M., Aguilar, A., Tsangaris, C., Digka, N., Kaberi, H., & Borrell, A. (2019). Boops boops as a bioindicator of microplastic pollution along the Spanish Catalan coast. *Marine Pollution Bulletin*, 149(June), 110648. <https://doi.org/10.1016/j.marpolbul.2019.110648>
- GESAMP, 2019 Guidelines on the monitoring and assessment of plastic litter and microplastics in the ocean. Kershaw P. J., Turra A., Galgani F. (eds), IMO/FAO/UNESCO-IOC/UNIDO/WMO/IAEA/UN/UNEP/UNDP/ISA Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection, Rep. Stud. GESAMP No.99, 130 p.
- Geyer, R., Jambeck, J. R., & Law, K. L. (2017). Production, use, and fate of all plastics ever made. *Science Advances*, 3(7), e1700782.
- González-Hernández M., Hernández-Sánchez C., González-Sálamo J., López-Darias J., Hernández-Borges J., 2020. Monitoring of meso and microplastic debris in Playa Grande beach (Tenerife, Canary Islands, Spain) during a moon cycle. *Marine Pollution Bulletin* 150:110757.

- Hengstmann, E., Tammenga, M., Bruch, C., & Fischer, E. K. (2018). Microplastic in beach sediments of the Isle of Rügen ( Baltic Sea ) - Implementing a novel glass elutriation column. *Marine Pollution Bulletin*, 126(November 2017), 263–274. <https://doi.org/10.1016/j.marpolbul.2017.11.010>
- Hilman. M., (2009).Paleontologi. Universitas Padjadjaran
- Indonesia Geospatial Portal, 2023 [www.tanahair.indonesia.go.id](http://www.tanahair.indonesia.go.id).
- Iñiguez, M. E., Conesa, J. A., & Fullana, A. (2017). Microplastics in Spanish Table Salt. *Scientific Reports*, 7(1). <https://doi.org/10.1038/s41598-017-09128-x>
- Klein,R. (2011). Laser Welding of plastics . *Wiley-VCH*
- Kumar, S., Panda, A. K., & Singh, R. K. (n.d.). *Author ' s personal copy Resources , Conservation and Recycling A review on tertiary recycling of high-density polyethylene to fuel.* <https://doi.org/10.1016/j.resconrec.2011.05.005>
- Leiser R, Wu G.-M., Neu T., Wendt-Potthoff K., 2020.Biofouling, metal sorption and aggregation are related to sinking of microplastics in a stratified reservoir. *Water Research* 176(4):115748
- Lee, H., & Kim, Y. (2018). Treatment characteristics of microplastics at biological sewage treatment facilities in Korea. *Marine Pollution Bulletin*, 137, 1–8. <https://doi.org/10.1016/j.marpolbul.2018.09.050>
- Li, J., Green, C., Reynolds, A., & Shi, H. (2018). Microplastics in mussels sampled from coastal waters and supermarkets in the United Kingdom State Key Laboratory of Estuarine and Coastal Research , East China Normal School of Environmental Sciences , University of Hull , Cottingham Road , Hull , HU6 Ins. *Environmental Pollution*, 44(0), 1–41.
- Li, J., Qu, X., Su, L., Zhang, W., Yang, D., Kolandhasamy, P., Li, D., & Shi, H. (2016). Microplastics in mussels along the coastal waters of China. *Environmental Pollution*, 214, 177–184. <https://doi.org/10.1016/j.envpol.2016.04.012>
- Lin, L., Zuo, L. Z., Peng, J. P., Cai, L. Q., Fok, L., Yan, Y., Li, H. X., & Xu, X. R. (2018). Occurrence and distribution of microplastics in an urban river: A case study in the Pearl River along Guangzhou City, China. *Science of the Total Environment*, 644, 375–381. <https://doi.org/10.1016/j.scitotenv.2018.06.327>
- Li, Q., Ma, C., Zhang, Q., & Shi, H. (2021). Microplastics in shellfish and implications for food safety. *Current Opinion in Food Science*, 40, 192–197. [doi:10.1016/j.cofs.2021.04.017](https://doi.org/10.1016/j.cofs.2021.04.017)

- Lippiat, S (2013). *Marine Debris Monitoring and Assessment : Recommendations for Monitoring Debris Trends in the Marine Environment*. November.
- Lusher, A.L., M. McHugh., R.C. Thompson (2013). Occurrence of microplastics in the gastrointestinal tract of pelagic and demersal fish from the English Channel. *Marine Pollution Bulletin*,
- Masura J., Baker J., Foster G., Arthur C., 2015. Laboratory methods for the analysis of microplastics in the marine environment: recommendations for quantifying synthetic particles in waters and sediments. NOAA Technical Memorandum NOS-OR&R-48. 31 pp.
- Mathalon, A., & Hill, P. (2014). Microplastic fibers in the intertidal ecosystem surrounding Halifax Harbor, Nova Scotia. *Marine Pollution Bulletin*, 81(1), 69–79. <https://doi.org/10.1016/j.marpolbul.2014.02.018>
- Monteiro, S. S. (2022). *Trends in Environmental Analytical Chemistry Methods for the extraction of microplastics in complex solid , water and biota samples*. 33(October 2021). <https://doi.org/10.1016/j.teac.2021.e00151>
- Munoz M, Ortiz D, Nieto-Sandoval J, de Pedro ZM, Casas JA, 2021. Adsorption of micropollutants onto realistic microplastics: Role of microplastic nature, size, age, and NOM fouling. *Chemosphere* 283 : 131085.
- Nandiyanto, A. B. D., Oktiani, R., & Ragadhita, R. (2019). Indonesian Journal of Science & Technology How to Read and Interpret FTIR Spectroscopy of Organic Material. *Indonesian Journal of Science & Technology*, 4(1), 97–118
- Nugraha, A., Sutjahjo, S. H., & Amin, A. A. (2018). ANALISIS PERSEPSI DAN PARTISIPASI MASYARAKAT TERHADAP PENGELOLAAN SAMPAH RUMAH TANGGA DI JAKARTA SELATAN. *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan (Journal of Natural Resources and Environmental Management)*, 8(1), 7–14. <https://doi.org/10.29244/jpsl.8.1.7-14>
- Pérez, A. F., Ojeda, M., Rimondino, G. N., Chiesa, I. L., Di Mauro, R., Boy, C. C., & Calcagno, J. A. (2020). First report of microplastics presence in the mussel *Mytilus chilensis* from Ushuaia Bay (Beagle Channel, Tierra del Fuego, Argentina). *Marine Pollution Bulletin*, 161. <https://doi.org/10.1016/j.marpolbul.2020.111753>
- Pradit, S., Noppradit, P., Jitkaew, P., Sengloyluan, K., & Yucharoen, M. (2023). *Microplastic Accumulation in Catfish and Its Effects on Fish Eggs from Songkhla Lagoon , Thailand*.
- Putri.,R.E (2005). Analisis Populasi Dan Habitat: Sebaran Ukuran Dan Kematangan Gonad Kerang Lokan Batissa Violacea Lamarck (1818) Di Muara Sungai Batang Anai Padang Sumatera Barat. Institut Pertanian Bogor

- Qu, X., Su, L., Li, H., Liang, M., & Shi, H. (2018). Assessing the relationship between the abundance and properties of microplastics in water and in mussels. *Science of the Total Environment*, 621, 679–686. <https://doi.org/10.1016/j.scitotenv.2017.11.284>
- Ridwanda .,S. (2020). *REDUKSI MIKROPLASTIK PADA KERANG DARAH (Tegillarca granosa) DENGAN DIFUSI DAN ELUTRIASI LARUTAN GARAM NaCl*. Institut Pertanian Bogor.
- Rochman, C. M., Hoh, E., Kurobe, T., & Teh, S. J. (2013). Ingested plastic transfers hazardous chemicals to fish and induces hepatic stress. *Scientific Reports*, 3, 3263.
- Syamsu DA, Deswati D, Syafrizayanti S, Putra A, Suteja Y, 2024. Presence of microplastics contamination in table salt and estimated exposure in humans. *Global J. Environ. Sci. Manage.* 10(1): 205-224. DOI: 10.22034/gjesm.2024.01.14
- Shim, W. J., Hong, S. H., & Eo, S. E. (2017). Identification methods in microplastic analysis: A review. In *Analytical Methods* (Vol. 9, Issue 9, pp. 1384–1391). Royal Society of Chemistry. <https://doi.org/10.1039/c6ay02558g>
- Sun, J., Dai, X., Wang, Q., Loosdrecht, M. C. M. Van, & Ni, B. (2018). SC. *Water Research*. <https://doi.org/10.1016/j.watres.2018.12.050>
- Tahsin, F., Alam, A. K. M. R., & Akbor, A. (2023). Heliyon Abundance and characteristics of microplastics in major urban lakes of Dhaka , Bangladesh. *Heliyon*, 9(4), e14587. <https://doi.org/10.1016/j.heliyon.2023.e14587>
- Temiz, N., Hernandez-milian, G., Lusher, A., Officer, R., Liboiron, M., Hillary, B., Liboiron, F., & Richard, N. (n.d.). *Occurrence of microplastics in the gastrointestinal tract of pelagic and demersal fish from the English Channel*.
- Thompson, R. C., Moore, C. J., Saal, F. S., & Swan, S. H. (2010). *Plastics , the environment and human health : current consensus and future trends*. 2009, 2153–2166. <https://doi.org/10.1098/rstb.2009.0053>
- Uddin, S., Fowler, S. W., Saeed, T., Naji, A., & Al-Jandal, N. (2020). Standardized protocols for microplastics determinations in environmental samples from the Gulf and marginal seas. *Marine Pollution Bulletin*, 158. <https://doi.org/10.1016/j.marpolbul.2020.111374>
- Van Cauwenberghe, L., Vanreusel, A., Mees, J., & Janssen, C. R. (2013). Microplastic pollution in deep-sea sediments. *Environmental Pollution*, 182, 495-499.
- Van Cauwenberghe, L., & Janssen, C. R. (2014). Microplastics in bivalves cultured for human consumption. *Environmental Pollution*, 193, 65–70.

- Victoria A.V., 2016. Kontaminasi Mikroplastik Di Perairan Tawar. ITB Bandung. 10 pp [in Indonesia].
- Wagner, M., & Lambert, S. (2017). *Freshwater Microplastics The Handbook of Environmental Chemistry 58 Series Editors: Damià Barceló · Andrey G. Kostianoy*. <http://www.springer.com/series/698>
- Wagner M., Scherer C., Alvarez-Muñoz D., Brennholt N., Bourrain X., Buchinger S., Fries E., Grosbois C., Klasmeier J., Marti T., Rodriguez-Mozaz S., Urbatzka R., Vethaak A.D., Winther-Nielsen M., Reifferscheid G., 2014. Microplastics in Freshwater Ecosystems: What We Know and What We Need to Know. *Environmental Sciences Europe* 26(1): 1–9.
- Xu, X., Wong, C. Y., Tam, N. F. Y., Liu, H. M., & Cheung, S. G. (2020). *Barnacles as potential bioindicator of microplastic pollution in Hong Kong*. 154(July 2019). <https://doi.org/10.1016/j.marpolbul.2020.111081>
- Yan, X., Cao, Z., Murphy, A., & Qiao, Y. (2022). An ensemble machine learning method for microplastics identification with FTIR spectrum. *Journal of Environmental Chemical Engineering*, 10(4). <https://doi.org/10.1016/j.jece.2022.108130>
- Yang, D., Shi, H., Li, L., Li, J., Jabeen, K., & Kollandhasamy, P. (2015). Microplastic Pollution in Table Salts from China. *Environmental Science and Technology*, 49(22), 13622–13627. <https://doi.org/10.1021/acs.est.5b03163>
- Yuan, Z.; Nag, R.; Cummins, E. Human Health Concerns Regarding Microplastics in the Aquatic Environment - From Marine to Food Systems. *Science of the Total Environment*. Elsevier B.V. June 1, 2022. <https://doi.org/10.1016/j.scitotenv.2022.153730>.
- Zhang, H. (2017). Transport of microplastics in coastal seas. *Estuarine, Coastal and Shelf Science*, 199, 74–86. <https://doi.org/10.1016/j.ecss.2017.09.032>