

DAFTAR PUSTAKA

- Abbaspour, N., Hurrell, R., & Kelishadi, R. (2014). Review on iron and its importance for human health. *Journal of Research in Medical Sciences: The Official Journal of Isfahan University of Medical Sciences*, 19, pp. 164 - 174.
- Adeleye, A.T., Bahar, M.M., Megharaj, M., Cheng, F., and Rahman, M. M. (2024). The Unseen Threat of the Synergistic Effects of Microplastics and Heavy Metals in Aquatic Environments: A Critical Review. *Current Pollution Report* 10, 478–497. <https://doi.org/10.1007/s40726-024-00298-7>
- Affandi, R., Rahardjo, M., & Sulistiono. (1995). Distribusi Juvenil Ikan Sidat, *Anguilla spp.* di Perairan Segara Anakan, Cilacap, Jawa Tengah. *Jurnal Ilmu Perairan dan Perikanan Indonesia MSP FPIK IPB*. 3. 10-15.
- Affandi, R., (2015). Pengembangan sumber daya ikan sidat (*Anguilla spp.*) di Indonesia. Teknologi Pengembangan Perikanan dan Kelautan untuk memperkuat ketahanan pangan serta memacu perekonomian nasional secara berkelanjutan, pp.151-200.
- Agus, N.A.T., Munawoh, Q., Meinita, D.S., Mega E.S., Anggorowati, D.R dan Listyorini, D. (2014). Studi Morfometrik dan Meristik Ikan Melem Biru (*Osteochilus sp.*) di Aliran Sungai Ketro, Ponorogo Jawa Timur. *Prosiding Semnas Biodiversitas V*, Surabaya, 6 September 2014: 494-593
- Akhbarizadeh, R., Moore, F. & Keshavarzi, B. (2017). Investigating a probable relationship between microplastics and potentially toxic elements in fish muscles from northeast of Persian Gulf. *Environmental Pollution*. 232. 10.1016/j.envpol.2017.09.028.
- Arai, T. and Abdul, K. S. (2017). Opportunistic spawning of tropical anguillid eels *Anguilla bicolor bicolor* and *A. bengalensis bengalensis*. *Scientific Report* 7, 41649. <https://doi.org/10.1038/srep41649>
- Arai, T., Abdul K.S.R. & Chino, N. (2016). Year-round spawning by a tropical catadromous eel *Anguilla bicolor bicolor*. *Marine Biology* 163, 37. <https://doi.org/10.1007/s00227-015-2792-8>
- Ardli, E. & Wolff, M. (2009). Land use and land cover change affecting habitat distribution in the Segara Anakan lagoon, Java, Indonesia. *Regional Environmental Change*. 9. 235-243. 10.1007/s10113-008-0072-6.
- Arisanti, G., Yona, D. & Kasitowati, R.D., (2023). Analisis Mikroplastik pada Saluran Pencernaan Ikan Kembung (*Rastrelliger sp.*) di Pelabuhan Perikanan Samudera Belawan, Sumatera Utara. *PoluSea: Water and Marine Pollution Journal*, 1(1), pp.45-60.
- Azizah, P., Ridlo, A., and Suryono, C. A., (2020). Mikroplastik pada Sedimen di Pantai Kartini Kabupaten Jepara Jawa Tengah. *Journal of Marine Research*, [Online] Volume 9(3), pp. 326-332. <https://doi.org/10.14710/jmr.v9i3.28197>
- Barboza, L. G. A., Lopes, C., Oliveira, P., Bessa, F., Otero, V., Henriques, B., Raimundo, J., Caetano, M., Vale, C., & Guilhermino, L. (2020). Microplastics in wild fish from North East Atlantic Ocean and its potential for causing neurotoxic effects, lipid oxidative damage, and human health risks associated with ingestion exposure. *Science of the Total Environment*, 717, 134625. <https://doi.org/10.1016/j.scitotenv.2019.134625>
- Bostan, N., Ilyas, N., Akhtar, N., Mehmood, S., Saman, R. U., Sayyed, R. Z., Shatid, A. A., Alfaihi, M. Y., Elbehairi, S. E. I., & Pandiaraj, S. (2023).

- Toxicity assessment of microplastic (MPs); a threat to the ecosystem. *Environmental Research*, 234(June), 116523. <https://doi.org/10.1016/j.envres.2023.116523>
- Budiharjo, A. (2010). Komposisi jenis larva sidat (*Anguilla* spp.) yang bermigrasi ke Muara Sungai Progo, Yogyakarta. *Berkala Penelitian Hayati*, 15(2), 121–126. <https://doi.org/10.23869/bphjbr.15.2.20104>
- Castle, P.H.J., (1986). *Anguillidae*. p. 160-161. Springer-Verlag, Berlin.
- Chen, Q., Zhao, H., Liu, Y., Jin, L. & Peng, R. (2023). Factors Affecting the Adsorption of Heavy Metals by Microplastics and Their Toxic Effects on Fish. *Toxics*. 11. 490. 10.3390/toxics11060490.
- Donaldson, M.R., Cooke, S.J., Patterson, D.A. and Macdonald, J.S. (2008), Cold shock and fish. *Journal of Fish Biology*, 73: 1491-1530. <https://doi.org/10.1111/j.1095-8649.2008.02061.x>
- Environment Agency. (2010). *Stocking European Eels *Anguilla anguilla**. Bristol: Environment Agency Horizon House.
- Effendie, MI., (1997). *Biologi Perikanan*. Yayasan Pustaka Nusataman. Yogyakarta
- Erawati, E. and Nazhifah, N. (2020). *Kinetika Reaksi pada Pengolahan Limbah Fe Sintesis dengan Metode Elektrokoagulasi*, Prosiding University Research Colloquium, pp. 354–360. Available at: <https://repository.urecol.org/index.php/proceeding/article/view/1049> (diakses: 19 Juni 2024).
- Fadilla, L. A., Arthana, I. W., Astriani, N. L. A. G., & Kartika, G. R. A. (2022). Identifikasi Morfologi pada Ikan Sidat (*Anguilla* spp) di Perairan Sungai Bali Selatan. *Bumi Lestari Journal of Environment*, 22(2), 28. <https://doi.org/10.24843/blje.2022.v22.i02.p04>
- Fahmi, M. R. (2015). Conservation genetic of tropical eel in Indonesian waters based on population genetic study. Prosiding Seminar Nasional Biodiversitas Indonesia, 1(1), 38–43. <https://doi.org/10.13057/psnmbi/m010106>
- Fatimah, F., Rachmawati, F. N., & Wibowo, E. S. (2017). Leukocyte differential of anguillid eel, *Anguilla bicolor* mccllelland, exposed to varied salinities. *Scripta Biologica*, 4(2), 79. <https://doi.org/10.20884/1.sb.2017.4.2.401>
- Febryanto, Devian A., and Nur M. Farda. (2016). "Pengaruh Perubahan Penggunaan Lahan Terhadap Debit Puncak Sub-das Opak Hulu Tahun 2009 Dan 2014 Menggunakan Citra Landsat 5 Dan Landsat 8." *Jurnal Bumi Indonesia*, vol. 5, no. 1.
- Ferrante, M. C., Monnolo, A., Del Piano, F., Mattace Raso, G., & Meli, R. (2022). The Pressing Issue of Micro- and Nanoplastic Contamination: Profiling the Reproductive Alterations Mediated by Oxidative Stress. *Antioxidants* (Basel, Switzerland), 11(2), 193. <https://doi.org/10.3390/antiox11020193>
- FAO Fisheries & Aquaculture - Species Fact Sheets - *Anguilla anguilla* (Linnaeus, 1758)
- Froese, R. and D. Pauly. (2013). FishBase. World Wide Web electronic publication.; http://www.fishbase.org/Country/CountrySpeciesSummary.php?c_code=356&id=1274, version (12/2013). Disunting tanggal 2 April 2024 pk 01.57.
- Fitria, S., Anggraeni, V., Abida, I. & Junaedi, A. (2021). Identifikasi Mikroplastik pada Gastropoda dan Udang di Sungai Brantas. *Environmental Pollution Journal*. 1. 159-166. 10.58954/epj.v1i2.16.

- Ginneken, V., Antonissen, E., Balm, S. P., Verstegen, M., van Den Thillart, G., Boot, R., & Durif, C. (2007). Silvering of European eel (*Anguilla anguilla* L.): seasonal changes of morphological and metabolic parameters. *Animal Biology*, 57(1), 63–77. doi:10.1163/15707560778000201
- Griffiths, P. (2007). Fourier transform infrared spectrometry. *Science*, 222 4621, 297- 302 . <https://doi.org/10.1126/science.6623077>.
- Gulizia, A.M., Brodie, E., Daumuller, R., Bloom, S.B., Corbett, T., Santana, M.M.F., Motti, C.A. & Vamvounis, G. (2022) 'Evaluating the effect of chemical digestion treatments on polystyrene microplastics: Recommended updates to chemical digestion protocols', *Macromolecular Chemistry and Physics*, 223(13), p. 2100485. Available at: <https://doi.org/10.1002/macp.202100485>.
- Han, Y. S., Liao, I. C., Huang, Y. Sen, He, J. T., Chang, C. W., & Tzeng, W. N. (2003). Synchronous changes of morphology and gonadal development of silvering Japanese eel *Anguilla japonica*. *Aquaculture*, 219(1–4), 783–796. [https://doi.org/10.1016/S0044-8486\(02\)00578-1](https://doi.org/10.1016/S0044-8486(02)00578-1)
- Hafitri, M., Moch, A., Permata, L., dan Yuniarti. (2022). Analisis Jenis Mikroplastik pada Sedimen Dasar Perairan Pulau Untung Jawa, Kepulauan Seribu, DKI Jakarta. *Jurnal Indonesia Sosial Sains*. 3. 443-454. 10.36418/jiss.v3i3.551.
- Herawati, V., Hartoko, A. & Suminto. (2012). The suitability of Segara Anakan waters, Cilacap, Central Java as cultivation area of *Polymesoda erosa* based on primary productivity using satellite image. *Bonorowo Wetlands*. 2. 41-51. 10.13057/bonorowo/w020201.
- Hermawan, R., Akbar, M., Mubin, Salanggon, A., Aristawati, A., Renol, Finarti, Pramita, E., Adel, Y., Dewanto, D. & Syahril, M. (2023). Kajian Mikroplastik Pada Ikan Ekonomis di Pasar Tradisional Kota Palu. *Jurnal Kelautan: Indonesian Journal of Marine Science and Technology*. 16. 1-9. 10.21107/jk.v16i1.17566.
- Hidayati, N.V., Hotijah, S., Hudawi, M.N., Andriyono, S., Sanjayasari, D., Hastuti, D.W.B. and Hendrayana, H., (2023). Kontaminasi Mikroplastik pada Ikan Kiper (*Scatophagus argus*) dari Laguna Segara Anakan, Cilacap. *Rekayasa*, 16(3), pp.283-294.
- Huang, C, Ge, Y, Yue, S, Zhao, L & Qiao, Y (2021), Microplastics aggravate the joint toxicity to earthworm (*Eisenia fetida*) with cadmium by altering its availability. *Science of the Total Environment*, 753: 142042.
- ITIS. 2025. *Anguilla bicolor*. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=161130&print_version=PRT&source=to_print#null. Accessed on April 29th, 2025 at 02.45 p.m.
- Jeng, S. R., Wu, G. C., Yueh, W. S., Kuo, S. F., Dufour, S., & Chang, C. F. (2018). Gonadal development and expression of sex-specific genes during sex differentiation in the Japanese eel. *General and Comparative Endocrinology*, 257, 74–85. <https://doi.org/10.1016/j.ygcen.2017.07.031>
- Juanda, S. J., & Edo, S. I. (2018). Histopatologi insang, hati dan usus ikan lele (*Clarias gariepinus*) di Kota Kupang, Nusa Tenggara Timur (Gill, Liver and Gut's Histopathology of Catfish (*Clarias gariepinus*) in Kota Kupang, East West Nusa). *Saintek Perikanan : Indonesian Journal of Fisheries Science and Technology*, 14(1), 23. <https://doi.org/10.14710/ijfst.14.1.23-29>

- Kamble, R., Thakare, M.G. and Ingle, A.B. (2013). Iron in the environment. *Indian Journal of Environmental Protection*. 33. 881-888.
- Khan, H. M. S., & Setu, S. (2022). Microplastic Ingestion by Fishes from Jamuna River, Bangladesh. *Environment and Natural Resources Journal*, 20(2), 157–167. <https://doi.org/10.32526/enrj/20/202100164>
- Koenig, J., (1975). Application of Fourier Transform Infrared Spectroscopy to Chemical Systems. *Applied Spectroscopy*, 29, pp. 293 - 308. <https://doi.org/10.1366/000370275774455888>.
- Lundebye, AK., Lusher, A.L., Bank, M.S. (2022). Marine Microplastics and Seafood: Implications for Food Security. In: Bank, M.S. (eds) *Microplastic in the Environment: Pattern and Process. Environmental Contamination Remediation and Management*. Springer, Cham. https://doi.org/10.1007/978-3-030-78627-4_5
- Luo, M., Guan, R., Li, Z., & Jin, H. (2013). The effects of water temperature on the survival, feeding, and growth of the juveniles of *Anguilla marmorata* and *A. bicolor pacifica*. *Aquaculture*, 400–401, 61–64.
- Lusher, A.L, Burke, A, O'Connor, I, & Officer, R. (2015). Microplastics and macroplastics ingestion by a deep diving, oceanic cetacean: The True's beaked whale *Mesoplodon Mirus*. *Environment Pollution*.
- Mananoma, T., Rahmat, A., dan Legono, D. (2006). Prediksi Kapasitas Tampung Sedimen Kali Gendol Terhadap Material Erupsi Gunung Merapi 2006. *Pertemuan Ilmiah Tahunan (PIT) XXIII Himpunan Ahli Teknik Hidraulik Indonesia (HATHI)*, Manado.
- Marie, E.S., Aline A., Aurélie V., FinnA. W., Catherine P., Philippe S., Sylvie D. (2007). Effects of high hydrostatic pressure on the pituitary–gonad axis in the European eel, *Anguilla anguilla* (L.). *General and Comparative Endocrinology*, Volume 153, Issues 1–3, Pages 289-298. ISSN 0016-6480, <https://doi.org/10.1016/j.ygcen.2007.01.009>
- Miller, M. J., & Tsukamoto, K. (2020). The behavioral ecology and distribution of leptocephali: marine fish larvae with unforeseen abilities. *Marine Biology*, 167(11), 1–21. <https://doi.org/10.1007/s00227-020-03778-8>
- Mohamed, F. A. S. (2009). Histopathological Studies on *Tilapia zillii* and *Solea vulgaris* from Lake Qarun, Egypt. *World Journal of Fish and Marine Sciences*, 1(1), 29–39.
- Mokhtar, D. M. 2017. *Fish Histology: From Celss to Organ*. Apple Academic Press. Oakville
- Mulia, R.A. (2022). Identifikasi Mikroplastik Di Laut Cilacap Provinsi Jawa Tengah. Universitas Islam Indonesia
- Naimah, S., Nuraeni, C., dan Rumondang, I. (2012). Dekomposisi Limbah Plastik Polypropylene Dengan Metode Pirolisis. *Jurnal Sains Materi Indonesia*. Vol. 13, No. 3, hal : 226 - 229
- Nurito N, Andriyono S, Hendrayana H, Husli IA, Hidayat RR, Andriyono S, Ulinuha MR, Hidayati NV. Characteristics of plastic waste in Cilacap Segara Anakan lagoon. ini. In: Herlinda S et al. (Eds.), *Prosiding Seminar Nasional Lahan Suboptimal ke-10 Tahun 2022*, Palembang 27 Oktober 2022. pp. 293-301. Palembang: Penerbit & Percetakan Universitas Sriwijaya (UNSRI).

- NOAA (National Oceanic and Atmospheric Administration). 2025. *What is an estuary?* https://oceanservice.noaa.gov/education/tutorial_estuaries/est01_w_hatis.html. Accessed on April 30th, 2025 at 03.20 p.m.
- Osman, A. I., Hosny, M., Eltaweil, A. S., Omar, S., Elgarahy, A. M., Farghali, M., Yap, P. S., Wu, Y. S., Nagandran, S., Batumalaie, K., Gopinath, S. C. B., John, O. D., Sekar, M., Saikia, T., Karunanithi, P., Hatta, M. H. M., & Akinyede, K. A. (2023). Microplastic sources, formation, toxicity and remediation: a review. In *Environmental Chemistry Letters* (Vol. 21, Issue 4). Springer International Publishing. <https://doi.org/10.1007/s10311-023>
- Pankhurst, N. W. (1982) : Relation of visual changes to the onset of sexual
- Nafsiyah, I., Nurilmala, M., & Abdullah, A. (2018). Nutrient Composition of Eel *Anguilla bicolor bicolor* and *Anguilla marmorata*. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 21(3), 504. <https://doi.org/10.17844/jphpi.v21i3.24733>
- Putra, A. and Sartimbul, A. dan Iranawati, F. (2024) Kelimpahan Mikroplastik Berdasarkan Umur Pada Ikan *Sardinella lemuru* Di Perairan Muncar, Banyuwangi, Jawa Timur. Sarjana thesis, Universitas Brawijaya
- Putra, I. (2023) "IDENTIFIKASI KANDUNGAN FE PADA PASIR BESI HASIL PROSES KONSENTRASI MENGGUNAKAN SLUICE BOX", *Jurnal Cahaya Mandalika ISSN 2721-4796 (online)*. Indonesia, 4(1), pp. 256-272. doi: 10.36312/jcm.v4i1.1331.
- Putri, R. R. R. A. D., B. Retnoaji, and A. P. Nugroho. (2023). Accumulation of Microplastics and histological analysis on marine fish from coastal waters of Baru and Trisik Beaches, Special Region of Yogyakarta. *Environment and Natural Resources Journal*, 21(2): 153-170.
- Rachmawati, F., Susilo, U., dan Muslih,. (2017). Karakteristik reproduksi ikan sidat *Anguilla bicolor*, 1844 yang diinduksi GNRH-analog. *Journal Iktiologi Indonesia*. 17. 155-163. 10.32491/jii.v17i2.355.
- Ridwan, E. (2012). KAJIAN INTERAKSI ZAT BESI DENGAN ZAT GIZI MIKRO LAIN DALAM SUPLEMENTASI (REVIEW OF INTERACTIONS BETWEEN IRON AND OTHER MICRONUTRIENTS IN SUPPLEMENTATION). *Penelitian Gizi Dan Makanan (The Journal of Nutrition and Food Research)*, 35(1), 49–54. <https://doi.org/10.22435/pgm.v35i1.3083.49-54>
- Rochman, C., Tahir, A., Williams, S., Baxa, D., Lam, R., Miller, J., Teh, F.C., Werorilangi, S., Swee, & Teh, J. (2015). Anthropogenic debris in seafood: Plastic debris and fibers from textiles in fish and bivalves sold for human consumption. *Scientific Reports*. 5. 10.1038/srep14340.
- Rodrigues, C., Caixeta, M., Araújo, P., Gonçalves, B., Araújo, O., Silva, L., & Rocha, T., (2021). Gonadal histopathology and inflammatory response in the freshwater snail exposed to iron oxide nanoparticles and ferric chloride: Insights into reproductive nanotoxicity. *Aquatic toxicology*, 237, pp. 105910. <https://doi.org/10.1016/j.aquatox.2021.105910>.
- Saputri, G., Arsi, A.A. (2019). Pemanfaatan Sungai Langkap sebagai tempat pembuangan limbah rumah tangga di Kabupaten Purbalingga. *Indonesian Journal of Sociology, Education, and Development*, 1(1), 2-XX.
- Septriani, N.I., Hewavitharane, C., & Retnoaji, B. (2019). Morphological changes in silvering stages of *Anguilla bicolor*. *La Mer*. 57. 1-19.

- Sary, R., Zainuddin, E. Rahmi. (2017). Histological Structure of Gonad of Female Snakehead (*Channa striata*). Program Studi Kedokteran Hewan Universitas Syiah Kuala.
- Sirait, A., Sinaga, M. P., & Siburian, D. T. E. (2024). The Test for Lead (Pb) Iron (Fe) And Content Zink (Zn) In The Water Of The Bah Bolon River Pematang Siantar City. *Jurnal Ilmiah PLATAX*, 12(1), 367–373. <https://doi.org/10.35800/jip.v12i1.55289>.
- Sastranegara, M.H. dan Lestari, S., (2009). Kualitas air pasca pengerukan alur transportasi batu kapur di Sungai Donan Cilacap. *Majalah Ilmiah Biologi BIOSFERA: A Scientific Journal*, 26(1), hlm. 14-24.
- Siti, N., Chicha, N., Irma, R., Bumiarto. N. J., dan Rahyani, E. (2016). Dekomposisi Limbah Plastik Polypropylene dengan Metode Pirolisis. *Jurnal Sains Materi Indonesia* Vol. 13, No. 3, Juni 2012, hal : 226 - 229 ISSN : 1411-1098.
- Solomon, O., & Ahmed, O. (2016). European Eel: Ecology, Threats and Conservation Status. *Journal of Scientific Research and Reports*, 10(7), 1–13. <https://doi.org/10.9734/jsrr/2016/25850>
- Storck, F., Kools, S. & Rinck--Pfeiffer, S. (2015). Microplastics in Fresh Water Resources. *GWRC Science Brief* September/2015, Global Water Research Coalition, Stirling, Australia, 8 pp. 10.13140/RG.2.2.21704.70401.
- Sugeha, H.Y., Jatmiko, I. and Muhammad, S., (2009). Sexual development of the tropical short-finned eel *Anguilla bicolor bicolor* of the Segara Anakan Waters, Central Java, Indonesia. *Journal of Fisheries Sciences*, 11(1), pp.87-99.
- Subaramaniyam, U., Allimuthu, R. S., Vappu, S., Ramalingam, D., Balan, R., Paital, B., Panda, N., Rath, P. K., Ramalingam, N., & Sahoo, D. K. (2023). Effects of microplastics, pesticides and nano-materials on fish health, oxidative stress and antioxidant defense mechanism. *Frontiers in physiology*, 14, 1217666. <https://doi.org/10.3389/fphys.2023.1217666>
- Sugianti, Y., Putri, M., & Purnamaningtyas, S. (2020). Spesies Ikan Sidat (*Anguilla spp.*) dan Karakteristik Habitat Ruayanya di Sungai Cikaso, Sukabumi, Jawa Barat. *Limnotek: perairan darat tropis di Indonesia*. 27. 10.14203/limnotek.v27i1.329.
- Suwartiningsih, N., Putri, A.L.A., Wijayanti, D.E. & Prabakusuma, A.S., (2023). Deteksi Mikroplastik pada Udang Vannamei (*Litopenaeus vannamei*) dari Pasar Beringharjo Kota Yogyakarta. *Proceeding Biology Education Conference*, 20(1), pp. 27-32.
- Taunay, P. N., Wibowo, E., dan Redjeki, S. (2013). "Studi Komposisi Isi Lambung Dan Kondisi Morfometri Untuk Mengetahui Kebiasaan Makan Ikan Manyung (*Arius thalassinus*) Yang Diperoleh Di Wilayah Semarang," *Journal of Marine Research*, vol. 2, no. 1, pp. 87-95.
- Utami, I., Resdianningsih, K. and Rahmawati, S. (2022) Temuan Mikroplastik pada Sedimen Sungai Progo dan Sungai Opak Kabupaten Bantul. *Artikel Dosen*
- Veerasingam, S., Ranjani, M., Venkatachalapathy, R., Bagaev, A., Mukhanov, V., Litvinyuk, D., Mugilarasan, M., Gurumoorthi, K., Gunganathan, L., Aboobacker, V., & Vethamony, P., 2020. Contributions of Fourier transform infrared spectroscopy in microplastic pollution research: A review. *Critical Reviews in Environmental Science and Technology*, 51, pp. 2681 - 2743. <https://doi.org/10.1080/10643389.2020.1807450>.

- Wahyudi, J., Prayitno, H., & Astuti, A. (2018). PEMANFAATAN LIMBAH PLASTIK SEBAGAI BAHAN BAKU PEMBUATAN BAHAN BAKAR ALTERNATIF. *Jurnal Litbang: Media Informasi Penelitian, Pengembangan dan IPTEK*. 14. 58-67. 10.33658/jl.v14i1.109.
- Wijayanti, G E., Soeminto dan Simanjuntak, Sorta. (2009). Reproductive Hormone Profiles and Gametogenesis in Female of Giant Gouramy (*Osphronemus gouramy*). *Jurnal Akuakultur Indonesia*, 8(1): 77-89.
- Wang, S., Zhang, C., Pan, Z., Sun, D., Zhou, A., Xie, S., Wang, J., and Zou, J. (2020). Microplastics in wild freshwater fish of different feeding habits from Beijing and Pearl River Delta regions, south China. *Chemosphere*, Volume 258, 127345, ISSN 0045-6535.
- Xing, G., Hassan, I., Huo, S., & Ling, L. (2021). Behaviors and influencing factors of the heavy metals adsorption onto microplastics: A review. *Journal of Cleaner Production*. 319. 10.1016/j.jclepro.2021.128777.
- Yan, X., Cao, Z., Murphy, A., and Qiao, Y. (2020). An ensemble machine learning method for microplastics identification with FTIR spectrum, *Journal of Environmental Chemical Engineering*, Volume 10, Issue 4, 108130, ISSN 2213-3437, <https://doi.org/10.1016/j.jece.2022.108130>.
- Zulfikar, F. N. (2021). Laju pertumbuhan budidaya glass eel (*Anguilla bicolor bicolor*) dalam sistem sirkulasi. *Nuevos Sistemas de Comunicación e Información*, 4(2), 241–248.