

DAFTAR PUSTAKA

- Aditama, T. Y. (2012). *Pedoman Analisis Risiko Kesehatan Lingkungan (ARKL)*. Direktorat Jendral PP dan PL Kementerian Kesehatan.
- Andara, D. R., Haeruddin, & Suryanto, A. (2014). Kandungan Total Padatan Tersuspensi, Biochemical Oxygen Demand dan Chemical Oxygen Demand Serta Indeks Pencemaran Sungai Klampisan di Kawasan Industri Candi, Semarang. *Diponegoro Journal of Maquares*, 3(3), 177–187.
- Anwar, C., & Intan, R. (2014). Internalisasi Semangat Nasionalisme Melalui Pendekatan Habituaasi (Perspektif Filsafat Pendidikan). In *ANALISIS: Jurnal Studi Keislaman* (Vol. 14, Issue 1).
- Azizah, M., & Maslahat, M. (2021). Kandungan Logam Berat Timbal (Pb), Kadmium (Cd), dan Merkuri (Hg) di dalam Tubuh Ikan Wader (*Barbodes binotatus*) dan Air Sungai Cikaniki, Kabupaten Bogor. In *Indonesia* (Vol. 28, Issue 2).
- Azwan, M., Sunarto, & Setyono, P. (2011). Kandungan logam berat tembaga dan protein ikan nila (*Oreochromis niloticus*) di keramba jaring apung Waduk Gajah Mungkur Wonogiri, Jawa Tengah. *Universitas Sebelas Maret. Jl. Ir. Sutami*, 1(2), 70–79. <https://doi.org/10.13057/wetlands/w010203>
- Birungi, Z., Masola, B., Zaranyika, M. F., Naigaga, I., & Marshall, B. (2007). Active biomonitoring of trace heavy metals using fish (*Oreochromis niloticus*) as bioindicator species. The case of Nakivubo wetland along Lake Victoria. *Physics and Chemistry of the Earth*, 32(15–18), 1350–1358. <https://doi.org/10.1016/j.pce.2007.07.034>
- Bridiatama, D., & Ali, M. (2014). Indeks Pencemaran Air Laut Pantai Utara Kabupaten Tuban dengan Parameter Logam. *Jurnal Teknik Pomits*, 3(1).
- Cah yani, N., Lumban Batu, D. T. F., & Sulistiono, S. (2017). Heavy Metal Contain Pb, Hg, Cd and Cu in Whiting Fish (*Sillago sihama*) Muscle in Estuary of Donan River, Cilacap, Central Java. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 19(3), 267. <https://doi.org/10.17844/jphpi.v19i3.15090>
- Chen, P. J., Su, C. H., Tseng, C. Y., Tan, S. W., & Cheng, C. H. (2011). Toxicity assessments of nanoscale zerovalent iron and its oxidation products in medaka (*Oryzias latipes*) fish. *Marine Pollution Bulletin*, 63(5–12), 339–346. <https://doi.org/10.1016/j.marpolbul.2011.02.045>
- Chiou, C.-S., Jiang, S.-J., Suresh, K., & Danadurai, K. (2001). Determination of mercury compounds in fish by microwave-assisted extraction and liquid chromatography-vapor generation-inductively coupled plasma mass spectrometry. In *Spectrochimica Acta Part B* (Vol. 56).
- Chua, E., Flint, N., Wilson, S., & Vink, S. (2018). Potential for biomonitoring metals and metalloids using fish condition and tissue analysis in an agricultural and coal mining region. *Chemosphere*, 202, 598–608. <https://doi.org/10.1016/j.chemosphere.2018.03.080>

- Cunningham, P. A., Sullivan, E. E., Everett, K. H., Kovach, S. S., Rajan, A., & Barber, M. C. (2019). Assessment of metal contamination in Arabian/Persian Gulf fish: A review. In *Marine Pollution Bulletin* (Vol. 143, pp. 264–283). Elsevier Ltd. <https://doi.org/10.1016/j.marpolbul.2019.04.007>
- Dan Sigid Hariyadi, M. S. S. Y. W. (2016). Pengaruh Aktivitas Antropogenik Terhadap Kualitas Air, Sedimen dan Moluska di Danau Maninjau, Sumatera Barat. *Jurnal Biologi Tropis*, January 2016. <https://doi.org/10.29303/jbt.v16i1.210>
- Danielowska D.S. (2006). Heavy Metals in Fly Ash from a Coal-Fired Power Station in Poland. *Polish J. of Environ. Stud.*, 15(No. 6), 943–946.
- Deka, H. (2020). *Verifikasi Metode Penentuan Kadar Logam Arsen (As) Dan Kadmium (Cd) Total Pada Sumber-Ipal Titik Inlet Dan Outlet Pt. Karsa Buana Lestari Secara Inductively Coupled Plasma- Optical Emission Spectroscopy (Icp-Oes)*.
- Dewi Elfidasari, Haninah Haninah, Handhini Dwi Putri, & Irawan Sugoro. (2022). The Concentration of Heavy Metals Cd, Hg, Pb in Processed Food Products Based *Pterygoplichthys pardalis* (Castelnau, 1855) from Ciliwung River Jakarta Region. *Bioeduscience*, 6(1), 73–83. <https://doi.org/10.22236/j.bes/618708>
- Domellöf, M., Lönnerdal, B., Dewey, K. G., Cohen, R. J., & Hernell, O. (2004). Iron, zinc, and copper concentrations in breast milk are independent of maternal mineral status 1-3. In *Am J Clin Nutr* (Vol. 79). <https://academic.oup.com/ajcn/article-abstract/79/1/111/4690033>
- Eka Putri, W. A., Agustriani, F., Fauziyah, F., Purwiyanto, A. I. S., Angraini, N., & Ardila, D. (2022). Logam Berat pada Beberapa Jenis Ikan di Sekitar Perairan Tanjung Api-Api Sumatera Selatan. *Journal of Marine Research*, 11(2), 201–207. <https://doi.org/10.14710/jmr.v11i2.33398>
- Eko K. P. (2020). *Penentuan Tingkat Pencemaran Logam Berat Kromium (Cr) Dan Kadmium (Cd) Pada Hati Dan Insang Ikan Sebagai Biomarker Di Sungai Way Belau Bandar Lampung*.
- Emilia, I., Putri, Y. P., Jumingin, J., Rizal, S., & Rangga, R. (2022). Biokonsentrasi Timbal Dan Kadmium Terhadap *Penaeus merguensis* Dalam Air Dan Sedimen Di Perairan Desa Sungsang I. *Sainmatika: Jurnal Ilmiah Matematika Dan Ilmu Pengetahuan Alam*, 19(2), 215–227. <https://doi.org/10.31851/sainmatika.v19i2.9874>
- Emilia, I., Suheryanto, & Hanafiah, Z. (2013). Distribusi Logam Kadmium dalam Air dan Sedimen di Sungai Musi Kota Palembang. In *Jurnal Penelitian Sains* (Vol. 16).
- Fadlilah, I., Triwuri, N. A., & Prasadi, O. (2023). Biokonsentrasi Faktor Logam Berat Timbal (Pb) pada Ikan di Pantai Kemiren Cilacap, Jawa tengah. *Jurnal Teknologi Lingkungan Lahan Basah*, 11(1), 094. <https://doi.org/10.26418/jtllb.v11i1.59490>

- Fajri, A., Hertati, R., & Syafrialdi. (2022). KEANEKARAGAMAN JENIS IKAN DI SUNGAI BATANG BUNGO DUSUN TEBAT KECAMATAN MUKO-MUKO BATHIN VII KABUPATEN BUNGO PROVINSI JAMBI. *Pengelolaan Sumberdaya Perairan VOL. 6 No. 2, 6(2)*, 112–121.
- Fajri, N. El. (2014). Kualitas Perairan Muara Sungai Siak Ditinjau Dari Sifat Fisik-Kimia Dan Makrozoobentos. *Paper Knowledge . Toward a Media History of Documents*, 41(1), 37–52.
- FAO/WHO. (2004). Summary of Evaluations Performed by the Joint FAO/WHO Expert Committee on Food Additives (JECFA 1956-2003). *Washington: ILSI Press International Life Sciences Institute*, 891.
- Fazio, F., Piccione, G., Tribulato, K., Ferrantelli, V., Giangrosso, G., Arfuso, F., & Faggio, C. (2014). Bioaccumulation of heavy metals in blood and tissue of striped mullet in two Italian lakes. *Journal of Aquatic Animal Health*, 26(4), 278–284. <https://doi.org/10.1080/08997659.2014.938872>
- Fernanda, H., Elidya, D., Ayu Manaheda, N., Qomaryah, N., Khotibul Umam, M., Riski Amalia, A., & Arifiyana, D. (2019). Analisa Kadar Timbal (Pb) pada Lipstik di Wilayah Kota Surabaya yang Teregistrasi dan Tidak Teregistrasi Menggunakan Spektrofotometri Serapan Atom (SSA). *Journal of Pharmacy and Science*, 4(1). <https://cekbpom.pom.go.id/>.
- Gani, P. R., Abidjulu, J., & Wuntu, A. D. (2017). Analisis Air Limbah Pertambangan Emas Tanpa Izin Desa Bakan Kecamatan Lolayan Kabupaten Bolaang Mongondow. *Jurnal MIPA*, 6(2), 6. <https://doi.org/10.35799/jm.6.2.2017.16927>
- García-Seoane, R., Fernández, J. A., Varela, Z., Real, C., Boquete, M. T., & Aboal, J. R. (2019). Sampling optimization for biomonitoring metal contamination with marine macroalgae. *Environmental Pollution*, 255. <https://doi.org/10.1016/j.envpol.2019.113349>
- Gunova, M. T., Amin, B., & Nursyirwani, N. (2022). Analysis of Lead and Copper Concentrations in Mangrove Clams (*Geloina erosa*) and Sediments in The North Coast of Bengkalis Island. *Journal of Coastal and Ocean Sciences*, 3(2), 119–124. <https://doi.org/10.31258/jocos.3.2.119-124>
- Hadiyanto, Hasim, & Juliana. (2022). Kandungan Logam Berat Merkuri, Timbal dan Cadmium pada Air, Ikan, dan Sedimen di Danau Limboto. *Jurnal Sumberdaya Akuatik Indopasifik*, 6(Vol 6 No 1 (2022): Februari), 1–10. <https://ejournalfpikunipa.ac.id/index.php/JSIAI/article/view/195/116>
- Hamdan, M., Budijono, & Purwanto, E. (2022). Kandungan Logam Berat Cd Dan Cr Pada Organ Ikan Baung Dari Danau Lubuk Siam, Riau. *Jurnal Sumberdaya Dan Lingkungan Akuatik*, 3(2), 3–8.
- Handayani, R., NK, D., & Priyono, B. (2014). Akumulasi Kromium (Cr) Pada Daging Ikan Nila Merah (*Oreochromis ssp.*) Dalam Karamba Jaring Apung Di Sungai Winongo Yogyakarta. *Jurnal MIPA*, 37(2), 123–129. <http://journal.unnes.ac.id/nju/index.php/JM>

- Haraguchi, H., Hasegawa, T., & Abdullah, M. (1988). Inductively coupled plasmas in analytical atomic spectrometry: Excitation mechanisms and analytical feasibilities. *Pure and Applied Chemistry*, 60(5), 685–696. <https://doi.org/10.1351/pac198860050685>
- Holt, E. A., & Miller, S. W. (2011). Bioindicators Using Organisms to Measure Environmental Impacts. *Nature Education Knowledge*.
- Huang, M., & Gary, M. (1989). Simultaneous measurement of spatially resolved electron temperatures, electron number densities and gas temperatures by laser light scattering from the ICP. In *Spectrochimica Acta* (Vol. 44, Issue 8).
- Husamah, S., Abdulkadir, & Rahardjanto. (2019). *Bioindikator (Teori dan Aplikasi dalam Biomonitoring)*. <http://ummpress.umm.ac.id>
- Istarani, F., & Pandebesie, E. S. (2014). Studi Dampak Arsen (As) dan Kadmium (Cd). *Jurnal Teknik POMITS*, 3(1), 1–6. <http://ejournal.its.ac.id/index.php/teknik/article/viewFile/5684/1685>
- Jain, M. K., & Das, A. (2017). Impact of Mine Waste Leachates on Aquatic Environment: A Review. *Current Pollution Reports*, 3(1), 31–37. <https://doi.org/10.1007/s40726-017-0050-z>
- Juliantara, P., Putu, G., Ferry, A., Putra, S., Sagung, A. A., Sita, R., & Utami, D. (2018). *Jurnal Media Sains 2 (2): 64-70 Toksisitas Detergen Terhadap Lintah (Hirudo medicinalis) Detergent Toxicity to Leeches (Hirudo medicinalis)*.
- Junaidi, J. (2012). Statistik Uji Kruskal-Wallis. *Fakultas Ekonomi Universitas Jambi, June*, 1–5.
- Kinghorn, A., Solomon, P., & Chan, H. M. (2007). Temporal and spatial trends of mercury in fish collected in the English-Wabigoon river system in Ontario, Canada. *Science of the Total Environment*, 372(2–3), 615–623. <https://doi.org/10.1016/j.scitotenv.2006.10.049>
- Kitong, M. T., Abidjulu, J., & Koleangan, H. S. J. (2012). Analisis Merkuri (Hg) dan Arsen (As) di Sedimen Sungai Ranoyapo Kecamatan Amurang Sulawesi Utara. In *JURNAL MIPA UNSRAT ONLINE* (Vol. 1, Issue 1). <http://ejournal.unsrat.ac.id/index.php/jmuo>
- Kristianingrum, S. (2012). *Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA, Fakultas MIPA*.
- Kusumawarni, M., Daud, A., Ibrahim, E., Kesehatan, B., Fakultas, L., Masyarakat, K., & Hasanuddin, U. (2014). ANALISIS RISIKO ARSEN (As) DALAM IKAN KEMBUNG DAN KERANG DARAH DI WILAYAH PESISIR MAKASSAR. *Unersitas Hasanuddin*, 1–13. <https://core.ac.uk/download/pdf/25495855>
- Kvesitadze, G. I. (2006). *Biochemical mechanisms of detoxification in higher plants : basis of phytoremediation*. Springer.
- Lanctôt, C., Wilson, S. P., Fabbro, L., Leusch, F. D. L., & Melvin, S. D. (2016).

- Comparative sensitivity of aquatic invertebrate and vertebrate species to wastewater from an operational coal mine in central Queensland, Australia. *Ecotoxicology and Environmental Safety*, 129, 1–9.
<https://doi.org/10.1016/j.ecoenv.2016.03.003>
- Lee, H. C. (2018). Review of inductively coupled plasmas: Nano-applications and bistable hysteresis physics. *Applied Physics Reviews*, 5(1).
<https://doi.org/10.1063/1.5012001>
- Łuczyńska, J., Paszczyk, B., & Łuczyński, M. J. (2018). Fish as a bioindicator of heavy metals pollution in aquatic ecosystem of Pluszne Lake, Poland, and risk assessment for consumer's health. *Ecotoxicology and Environmental Safety*, 153(January), 60–67. <https://doi.org/10.1016/j.ecoenv.2018.01.057>
- Maddusa, S. S., Paputungan, M. G., Syarifuddin, A. R., Maambuat, J., & Alla, G. (2017). Kandungan logam berat timbal (Pb), merkuri (Hg), zink (Zn) dan arsen (As) pada ikan dan air Sungai Tondano, Sulawesi Utara. *Al-Sihah: Public Health Science Journal*, 9(2), 153–159.
- Maduwu, F. D. A. (2019). Studi Biodeversitas Ikan Air Tawar Di Sungai Gewa Sebagai Indikator Kesehatan Lingkungan. *Jurnal Ilmiah Mahasiswa Keguruan*, 1(1), 9–25.
- Maksuk. (2009). Kadar Arsenik Dalam Air Sungai, Sedimen, Air Sumur Dan Urin Pada Komunitas Di Daerah Aliran Sungai Musiprovinci Sumatera Selatan Tahun 2009. *Palembang*, 1(09), 117–124.
- Meydiyati, Y., Puryanti, D., & Budiman, A. (2018). Identifikasi Pencemaran Air Sungai Batang Ombilin dari Nilai Total Disolved Solid, Konduktivitas Listrik dan Kandungan Logam Berat. *Jurnal Fisika Unand*, 7(3).
- Mrozińska, N., & Bąkowska, M. (2020). Effects of heavy metals in lake water and sediments on bottom invertebrates inhabiting the brackish coastal lake Łebsko on the southern baltic coast. *International Journal of Environmental Research and Public Health*, 17(18), 1–19.
<https://doi.org/10.3390/ijerph17186848>
- Mulyani ES, S. (2016). Pola Akumulasi Logam Cu Ikan Bandengselama Periode Pertumbuhan Di Tambak. *Pola Akumulasi Logam Cu Ikan Bandengselama Periode Pertumbuhan Di Tambak*, 14(2), 151–158.
- Muryadi, Budijono, & Hasbi, M. (2020). Akumulasi Logam Berat Dalam Tiga Organ Ikan Dari Koto Panjang. *Jurnal Sumberdaya Dan Lingkungan Akuatik*, 1(2).
- Obasi, P. N., & Akudinobi, B. B. (2020). Potential health risk and levels of heavy metals in water resources of lead–zinc mining communities of Abakaliki, southeast Nigeria. *Applied Water Science*, 10(7).
<https://doi.org/10.1007/s13201-020-01233-z>
- Paiki, K., Kalor, J. D., Indrayani, E., & Lisiard Dimara. (2018). *Distribution Of Zooplankton Explosion And Diversity In East Yapen Papisir Water, Papua* (Vol. 10, Issue 2).

- Parawita, D., & Andy, N. W. (2009). Analisis Konsentrasi Logam Berat Timbal (Pb) Di Muara Sungai Porong. *Jurnal KELAUTAN*, 2(2).
- Pirdaus, P., Rahman, M., Luh Gede Ratna Juliasih, N., Pratama, D., & Abadi Kiswandono, A. (2018). VERIFIKASI METODE ANALISIS LOGAM Pb, Cd, Cr, Cu, Ni, Co, Fe, Mn DAN Ba PADA AIR MENGGUNAKAN INDUCTIVELY COUPLED PLASMA-OPTICAL EMISSION SPECTROMETER(ICP-OES). In *Analit: Analytical and Environmental Chemistry* (Vol. 3, Issue 01).
- Prastyo, D., Herawati, T., & Iskandar, D. (2016). Bioakumulasi Logam Kromium (Cr) Pada Insang, Hati, Dan Daging Ikan Yang Tertangkap Di Hulu Sungai Cimanuk Kabupaten Garut. In *Jurnal Perikanan Kelautan* (Vol. 2016, Issue 2).
- Prastyo, Y., Batu, D. T. . L., & Sulistiono, S. (2017). Heavy Metal Contain Cu and Cd on the Mullet in the estuary of Donan River, Cilacap, Central Java. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 20(1), 18. <https://doi.org/10.17844/jphpi.v20i1.16393>
- Prayogo, T. B. (2015). Analisis kualitas air dan strategi pengendalian pencemaran air sungai metro di kota kepanjen kabupaten malang. 6(2), 105–114.
- Priatna, D. E., Purnomo, T., & 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.
- Purba I. Y. S., Izmiarti, & Indah Solfiyeni. (2015). Community of Epilithic Algae as Biological Indicator In Ombilin River, West Sumatera. *Jurnal Biologi Universitas Andalas (J. Bio. UA.)*, 4(2), 138–144.
- Putri, D., & Afdal. (2017). Identifikasi Pencemaran Logam Berat dan Hubungannya dengan Suseptibilitas Magnetik pada Sedimen Sungai Batang Ombilin Kota Sawahlunto. *Jurnal Fisika Unand*, 6(4).
- Rahman, Triarjunet, R., & Dewata, I. (2020). Analisis Indeks Pencemaran Air Sungai Ombilin Dilihat Dari Kandungan Kimia Anorganik. *Jurnal Kependudukan Dan Pembangunan Lingkungan*, 1 no 3, 52–58.
- Rainbow, P. S. (1995). Biomonitoring of Heavy Metal Availability in the Marine Environment. In *Marine Pollution Bulletin* (Vol. 31).
- Rantung, J. L., Wantasen, S., Pertanian, F., Sam, U., & Manado, R. (2016). BIOMONITORING DAMPAK EKOLOGIS MERKURI DI DAERAH ALIRAN SUNGAI TORAUT KABUPATEN BOLAANG MONGONDOW BIOMONITORING ECOLOGICAL IMPACTS MERKURI IN TORAUT WATERSHED BOLAANG MONGONDOW DISTRICT.
- Resetar-Deac, A. M., & Diacu, E. (2015). Assessment of aquatic environment contamination with heavy metals from abandoned mines of northwestern Romania. *Revista de Chimie*, 66(9), 1535–1539.
- Rezaaiyaan, R., Hieftje, G. M., Anderson, H., Kaiser, H., & Meddings, B. (1982).

Design and Construction of a Low-Flow, Low-Power Torch for Inductively Coupled Plasma Spectrometry.

- Riani, E. (2006). *KONTAMINASI MERKURI (Hg) DALAM ORGAN TUBUH IKAN PETEK (Leiognathus equulus) DI PERAIRAN ANCOL, TELUK JAKARTA*. 11(2), 313–322.
- Rini, D. S., & Faisal, F. (2015). Perbandingan Power of Test dari Uji Normalitas Metode Bayesian, Uji Shapiro-Wilk, Uji Cramer-von Mises, dan Uji Anderson-Darling. *Jurnal Gradien*, 11,(2), 1-5.
- Robi, R., Aritonang, A., & Juane Sofiana, M. S. (2021). Kandungan Logam Berat Pb, Cd dan Hg pada Air dan Sedimen di Perairan Samudera Indah Kabupaten Bengkayang, Kalimantan Barat. *Jurnal Laut Khatulistiwa*, 4(1), 20. <https://doi.org/10.26418/lkuntan.v4i1.44922>
- Rochyatun, E., & Rozak, A. (2010). Pemantauan Kadar Logam Berat Dalam Sedimen Di Perairan Teluk Jakarta. *MAKARA of Science Series*, 11(1). <https://doi.org/10.7454/mss.v11i1.228>
- Rosihan, A., & Husaini, H. (2017). Pencemaran Logam Berat Arsen (As) pada Air. *Universitas Lambung Mangkurat Press*, 1996, 16–27.
- Saefuddin, A., Notodiputro, K. A., Alamudi, A., & Sadik, K. (2009). *Statistika Dasar*. Grasindo.
- Sarong, M. A., Jihan, C., Muchlisin, Z. A., Fadli, N., & Sugianto. (2015). *Cadmium, lead and zinc contamination on the oyster Crassostrea gigas muscle harvested from the estuary of Lamnyong River, Banda Aceh City*, 8(1), 1–6.
- Satmoko. (2006). *Kondisi Pencemaran Logam Berat Di Perairan Sungai Dki Jakarta* (Vol. 2, Issue 1).
- Satmoko, O. :, Pusat, Y., & Lingkungan-Bppt, T. (2006). *KONDISI PENCEMARAN LOGAM BERAT DI PERAIRAN SUNGAI DKI JAKARTA* (Vol. 2, Issue 1).
- Setiawan, D. (2008). *Struktur Komunitas Makrozoobentos Sebagai Bioindikator Kualitas Lingkungan Perairan Hilir Sungai Musi*.
- SETYONO, P., & SOETARTO, E. S. (2008). Biomonitoring of ecosystem degradation caused by CPO waste of Mentaya River in Central Kalimantan use of esterase isozym electromorf method. *Biodiversitas Journal of Biological Diversity*, 9(3). <https://doi.org/10.13057/biodiv/d090317>
- Siahaan, R., Indrawan, A., Soedharma, D., & Prasetyo, L. B. (2011). Kualitas Air Sungai Cisadane, Jawa Barat - Banten. *Jurnal Ilmiah Sains*, 15(1), 268. <https://doi.org/10.35799/jis.11.2.2011.218>
- Siswoyo, E., Subhan, A., & LM. (2011). Penurunan Logam Timbal (Pb) pada Limbah Cair TPA Piyungan Yogyakarta dengan Constructed Wetlands Menggunakan Tumbuhan Eceng Gondok (Eichornia Crassipes). *Jurnal Sains Dan Teknologi Lingkungan*, 3(1), 73–079.

- Sudarmaji, Mukono, J., & Corie, I. P. (2006). Toksikologi Logam Berat B3 dan Dampaknya Terhadap Kesehatan. *Jurnal Kesehatan Lingkungan:129 -142*, 2(2), 129–142.
- Sudiyani, Y., Rahayuningwulan, D., & Ardeniswan. (2011). *Determinasi Arsen (As) Dan Merkuri (Hg) Dalam Air Dan Sedimen Di Kolam Bekas Tambang Timah (Air Kolong) Di Propinsi Bangka-Belitung, Indonesia.*
- Sukoasih, A., & Widiyanto, T. (2017). HUBUNGAN ANTARA SUHU, pH DAN BERBAGAI VARIASI JARAK DENGAN KADAR TIMBAL (Pb) PADA BADAN AIR SUNGAI ROMPANG DAN AIR SUMUR GALI INDUSTRI BATIK SOKARAJA TENGAH TAHUN 2016. *Buletin Keslingmas*, 36(4), 360–368. <https://doi.org/10.31983/keslingmas.v36i4.3115>
- Suriani. (2016). *Analisis Kandungan Logam Berat Timbal (Pb), Kadmium (Cd) Dan Seng (Zn) Pada Tanah Sawah Kelurahan Paccinongan Kecamatan Sombaopu Gowa.* UIN Alauddin Makassar.
- Suryono, D. D., & Pujilestari, E. S. (2019). PREDIKSI JALUR (PATHWAY) LOGAM MERKURI DARI BATUBARA KEGIATAN PLTU DI TELUK PALABUANRATU DENGAN PENDEKATAN SISTEM DINAMIS. *Segara*, 13(1), 25–35.
- Syafriadiman. (2012). *Penyerapan Timbal (Pb) Pada Sistem Organ Ikan Mas (Cyprinus carpio L).*
- Takaoka, S., Fujino, T., Hotta, N., Ueda, K., Hanada, M., Tajiri, M., & Inoue, Y. (2014). Signs and symptoms of methylmercury contamination in a First Nations community in Northwestern Ontario, Canada. *Science of the Total Environment*, 468–469, 950–957. <https://doi.org/10.1016/j.scitotenv.2013.09.015>
- Tjokrokusumo, S. W. (2006). Upaya Mitigasi Pencemaran Laut Dengan Artificial Wetlands. *Jurnal Teknologi Lingkungan*, 7 (2).
- Trejos, T., Castro, W., & Almirall, J. R. (2010). *Elemental Analysis of Glass and Paint Materials by Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS) for Forensic Application Author: ELEMENTAL ANALYSIS OF GLASS AND PAINT MATERIALS BY LASER ABLATION INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (LA-ICP-MS) FOR FORENSIC APPLICATION.*
- Tyler, C. R., & Allan, A. M. (2014). The Effects of Arsenic Exposure on Neurological and Cognitive Dysfunction in Human and Rodent Studies: A Review. *Current Environmental Health Reports*, 1(2), 132–147. <https://doi.org/10.1007/s40572-014-0012-1>
- Van Der Oost, R., Opperhuizen, A., Satumalay, K., Heida, H., & Vermeulen, N. P. E. (1996). Biomonitoring aquatic pollution with feral eel (*Anguilla anguilla*) I. Bioaccumulation: Biota-sediment ratios of PCBs, OCPs, PCDDs and PCDFs. *Aquatic Toxicology*, 35(1), 21–46. [https://doi.org/10.1016/0166-445X\(96\)00002-1](https://doi.org/10.1016/0166-445X(96)00002-1)

- Wagner, A., & Boman, J. (2003). Biomonitoring of trace elements in muscle and liver tissue of freshwater fish. *Spectrochimica Acta - Part B Atomic Spectroscopy*, 58(12), 2215–2226. <https://doi.org/10.1016/j.sab.2003.05.003>
- Wahyudi, D., & Djamaris, A. R. A. (2018). *Metode Statistik Untuk Ilmu dan Teknologi Pangan* (Issue February). [http://repository.bakrie.ac.id/1255/1/Ilmu Statistik ITP.pdf](http://repository.bakrie.ac.id/1255/1/Ilmu%20Statistik%20ITP.pdf)
- Widiastuti, E. L., Afifa, A. D., Tugiyono, T., Umar, S., Mumtazah, D. F., & Hadi, S. (2023). Plankton diversity and its heavy metal content in Ratai Bay of Pesawaran district, Lampung, Indonesia. *Journal of Water and Health*, 21(6), 663–675. <https://doi.org/10.2166/wh.2023.209>
- Widowati, E. M. T. J. S. I. (2018). Biomonitoring Kandungan Logam Berat Timbal (Pb) dalam Air, Sedimen dan Kerang Ceplos (*Macridiscus* sp.) Serta Analisis Angka Keamanan Konsumsi yang diambil dari Perairan Tambak Lorok, Kota Semarang. *Journal of Marine Research*, 7(Vol 7, No 4 (2018): Journal of Marine Research), 231–238. <https://ejournal3.undip.ac.id/index.php/jmr/article/view/25921/23111>
- Widyaningrum, T., & Suharyanti, T. (2011). *Pengaruh Merkuri Klorida Terhadap Pertumbuhan Dan Histopatologi Ginjal Ikan Nila (*Oreochromis Niloticus*, Linn)*.
- Wijayanti, T. (2017). Profil Pencemaran Logam Berat Pada Perairan Daerah Aliran Sungai (Das) Grindulu Pacitan. *Jurnal Ilmiah Sains*, 17(1), 19. <https://doi.org/10.35799/jis.17.1.2017.15057>
- Winarni, I. (2016). *Peran Mikroba sebagai Biomonitoring Kualitas Perairan Tawar pada Beberapa Situ*.
- Yusuf, & Alimuddin. (2018). *Perbandingan Metode Destruksi Basah Dan Destruksi Kering Terhadap Analisis Logam Berat Timbal (Pb) Pada Tanaman Rumpuk Bebek (*Lemna minor*)*.