

## DAFTAR PUSTAKA

- Agusa, T., Kunito, T., Yasunaga, G., Iwata, H., Subramanian, A., Ismail, A., & Tanabe, S., 2005, Concentrations of trace elements in marine fish and its risk assessment in Malaysia, *Mar. Pollut. Bull.*, 51(8–12), 896–911.
- Akoglu, H., 2018, User's guide to correlation coefficients, *Turk. J. Emerg. Med.*, 18(3), 91–93.
- Ammann, A. A., 2007, Inductively coupled plasma mass spectrometry (ICP MS): a versatile tool, *J. Mass Spectrom.*, 42(4), 419–427.
- Anggraeny, Y., 2010, Analisis Kandungan Logam Berat Pb, Cd, Dan Hg Pada Kerang Darah (Anadara Granosa) Di Perairan Bojonegara, Kecamatan Bojonegara, Kabupaten Serang, *Skripsi, Bogor: Institut Pertanian Bogor. Fakultas Perikanan dan Ilmu Kelautan Institut Pertanian Bogor.*
- Arkianti, N., Dewi, N. K., & Tri Martuti, N. K., 2019, Kandungan Logam Berat Timbal (Pb) pada Ikan di Sungai Lemat Kabupaten Magelang, *Life Science*, 8(1), 65–74.
- Artalina, D., & Takarina, N. D., 2019, Metals Content In Edible Gastropod From Blanakan Silvofishery Ponds, *Journal of Physics: Conference Series*, 1245(1).
- Asztemborska, M., Jakubiak, M., Stęborowski, R., Chajduk, E., & Bystrzejewska-Piotrowska, G., 2018, Titanium Dioxide Nanoparticle Circulation in an Aquatic Ecosystem, *Water, Air, and Soil Pollution*, 229(6).
- Ates, M., Demir, V., Adiguzel, R., & Arslan, Z., 2013, Bioaccumulation, subacute toxicity, and tissue distribution of engineered titanium dioxide nanoparticles in goldfish (*carassius auratus*), *J. Nanomater.*
- Awofolu, O. R., 2005, A Survey of Trace Metals in Vegetation, Soil and Lower Animal Along Some Selected Major Roads in Metropolitan City of Lagos. *Environ. Monit. Assess.*, 105(1–3), 431–447.
- Benford, D. J., Alexander, J., Baines, J., Bellinger, D. C., Carrington, C., I, Devesa i Pérez, V. A., Duxbury, J., Fawell, J., Hailemariam, K., Montoro, R., Ng, J., Slob, W., Veléz, D., Yager, J. W., & Zang, Y., 2011, Arsenic (Addendum), In *seventy-second meeting of the Joint FAO/WHO Expert Committee on Food Additives (JECFA), Safety evaluation of certain contaminants in food*, WHO Press.
- Benford, D. J., Bellinger, D., Bolger, M., Carrington, C., Hailemariam, K., Petersen, B., Rath, S., & Zang, Y., 2011, Lead (Addendum), *Seventy-third meeting of the Joint FAO/WHO Expert Committee on Food Additives (JECFA), Safety evaluation of certain contaminants in food*, WHO Press.
- Briffa, J., Sinagra, E., & Blundell, R., 2020, Heavy metal pollution in the environment and their toxicological effects on humans, *Heliyon*, 6(9).
- de la Calle, I., Páez-Cabaleiro, J., Lavilla, I., & Bendicho, C., 2019, One-pot synthesis of a magnetic nanocomposite based on ultrasound-assisted coprecipitation for enrichment of Hg(II) prior to detection by a direct mercury analyzer, *Talanta*, 199, 449–456.
- Devi, P., & Kumar, P., 2020, Concept and Application of Phytoremediation in the Fight of Heavy Metal Toxicity, *J. Pharm. Sci. & Res.*, 12(6), 795–804.

- Feeley, M., Barraja, Bellinger, D. C., Bronson, R., Guérin, T., Larsen, J. C., Lo, M. T., & Slob, W., 2011, Mercury (Addendum), *seventy-second meeting of the Joint FAO/WHO Expert Committee on Food Additives (JECFA), Safety evaluation of certain contaminants in food*, WHO Press.
- Hananingtyas, I., 2017, Studi Pencemaran Kandungan Logam Berat Timbal (Pb) dan Kadmium (Cd) pada Ikan Tongkol (*Euthynnus sp.*) di Pantai Utara Jawa, *Biotropic*, 1(2), 41–50.
- Harrington, C. F., Merson, S. A., & D' Silva, T. M., 2004, Method to reduce the memory effect of mercury in the analysis of fish tissue using inductively coupled plasma mass spectrometry, *Anal. Chim. Acta*, 505(2), 247–254.
- Jaishankar, M., Tseten, T., Anbalagan, N., Mathew, B. B., & Beeregowda, K. N., 2014, Toxicity, mechanism and health effects of some heavy metals, *Interdisciplinary Toxicology*, 7(2), 60–72.
- JECFA, 2011, Safety evaluation of certain contaminants in food. Prepared by the Sixty-fourth meeting of the Joint FAO/WHO Expert Committee on Food Additives (JECFA), *FAO food and nutrition paper* (Vol. 82).
- Jelodar, H. T., Astani, Z. F., & Fazli, H., 2018, Studying the accumulation of heavy metals (Fe, Zn, Cu and Cd) in the tissue (muscle, skin, gill and gonad) and its relation with fish (*Alosa braschinkowi*) length and weight in Caspian Sea coasts, *JAMB*, 7(6), 308–312.
- Kurniawan, A., & Mustikasari, D., 2019, Review: Mekanisme Akumulasi Logam Berat di Ekosistem Pascatambang Timah, *Jurnal Ilmu Lingkungan*, 17(3), 408.
- Mansouri, B., Ebrahimpour, M., & Babaei, H., 2012, Bioaccumulation and elimination of nickel in the organs of black fish (*Capoeta fusca*), *Toxicol. Ind. Health*, 28(4), 361–368.
- Masindi, V., & Muedi, K. L., 2018, Environmental Contamination by Heavy Metals, *Heavy Metals*, InTech.
- Memon, A. R., & Schröder, P., 2009, Implications of metal accumulation mechanisms to phytoremediation, *ESPR*, 16(2), 162–175.
- Mueller, U., Agudo, A., Akesson, A., Carrington, C., Egan, S. K., & Schlatter, J., 2011, Cadmium (Addendum), *seventy-third meeting of the Joint FAO/WHO Expert Committee on Food Additives (JECFA), Safety evaluation of certain contaminants in food*, WHO Press.
- Peralta-Videa, J. R., Lopez, M. L., Narayan, M., Saupe, G., & Gardea-Torresdey, J., 2009, The biochemistry of environmental heavy metal uptake by plants: Implications for the food chain, *Int. J. Biochem. Cell Biol.*, 41(8–9), 1665–1677.
- Perugini, M., Visciano, P., Manera, M., Zaccaroni, A., Olivieri, V., & Amorena, M., 2014, Heavy metal (As, Cd, Hg, Pb, Cu, Zn, Se) concentrations in muscle and bone of four commercial fish caught in the central Adriatic Sea, Italy, *Environ. Monit. Assess.*, 186(4), 2205–2213.
- Prasetyo, K., Soemarmi, A., & Diamantina, A., 2017, Penataan Pengelolaan Potensi Perikanan di Kota Semarang, *Diponegoro Law Journal*, 6(2), 1–14.
- Rezende, P. S., Silva, N. C., Moura, W. D., & Windmüller, C. C., 2018, Quantification and speciation of mercury in streams and rivers sediment samples from Paracatu, MG, Brazil, using a direct mercury analyzer,

- Microchem. J.*, 140, 199–206.
- Satriawan, E. F., Widowati, I., & Suprijanto, J., 2021, Pencemaran Logam Berat Kadmium (Cd) dalam Kerang Darah (*Anadara granosa*) yang Didaratkan di Tambak Lorok Semarang, *J. Mar. Sci.*, 10(3), 437–445.
- Singh, A., & Prasad, S. M., 2011, Reduction of heavy metal load in food chain: technology assessment, *Rev. Environ. Sci. Biotechnol.*, 10(3).
- Solidum, J. M., Vera, M. J. D. De, Abdulla, A.-R. D. C., Evangelista, J. H., & Nerosa, M. J. A. V., 2013, Quantitative Analysis of Lead, Cadmium and Chromium found in Selected Fish marketed in Metro Manila, Philippines, *IJESD*, 4(2), 207–211.
- Sukma, R. M., Gafur, A., & Hasriwiani Habo Abbas, 2021, Biokonsentrasi Logam Berat Timbal, Arsen pada Air dan Ikan Sungai Tallo Kota Makassar, *Window of Public Health Journal*, 01(04), 404–416.
- Suttle, N., 2010, *Mineral nutrition of livestock*, CABI.
- Thomas, R., 2008, *Practical Guide to ICP-MS*, CRC Press.
- Tiffany, A. E., Mudzakir, A. K., & Wibowo, B. A., 2020, Analisis Tingkat Konsumsi Ikan Laut dan Faktor-Faktor yang Mempengaruhi Pada Masyarakat Semarang, *JFRUMT*, 9(1), 25–34.
- Tripathi, R. D., Srivastava, S., Mishra, S., Singh, N., Tuli, R., Gupta, D. K., & Maathuis, F. J. M., 2007, Arsenic hazards: strategies for tolerance and remediation by plants, *Trends Biotechnol*, 25(4), 158–165.
- USEPA, 2005, *Environmental Protection Agency. Guidelines for carcinogen risk assessment. March.* [http://www.epa.gov/sites/production/files/2013-09/documents/cancer\\_guidelines\\_final\\_3-25-05.pdf](http://www.epa.gov/sites/production/files/2013-09/documents/cancer_guidelines_final_3-25-05.pdf)
- Vasken Aposhian, H., Zakharyan, R. A., Avram, M. D., Sampayo-Reyes, A., & Wollenberg, M. L., 2004, A review of the enzymology of arsenic metabolism and a new potential role of hydrogen peroxide in the detoxication of the trivalent arsenic species, *Toxicol. Appl. Pharmacol*, 198(3), 327–335.
- Wang, W. X., 2016, Bioaccumulation and Biomonitoring, *Marine Ecotoxicology*, 99–119, Elsevier.
- Yap, C. K., Cheng, W. H., Karami, A., & Ismail, A., 2016, Health risk assessments of heavy metal exposure via consumption of marine mussels collected from anthropogenic sites, *Sci. Total Environ.*, 553, 285–296.
- Yi, Y. J., & Zhang, S. H., 2012, The relationships between fish heavy metal concentrations and fish size in the upper and middle reach of Yangtze River, *Procedia Environ. Sci.*, 13, 1699–1707.