

DAFTAR PUSTAKA

- Aires, B., & Aires, B. (2011). Stage-dependent Susceptibility to Copper in *Rhinella arenarum* Emb. *Environmental Toxicology and Chemistry*, 30(12), 2771–2777. <https://doi.org/10.1002/etc.674>
- Alix, M., Chardard, D., Ledoré, Y., Fontaine, P., & Schaerlinger, B. (2015). An alternative developmental table to describe non - model fish species embryogenesis : application to the description of the Eurasian perch (*Perca fluviatilis* L . 1758) development. *EvoDevo*, 6(39), 1–26. <https://doi.org/10.1186/s13227-015-0033-3>
- Andriani, R., & Hartini. (2017). Toksisitas Limbah Cair Industri Batik Terhadap Morfologi Sisik Ikan Nila Gift (*Oreochromis niloticus*). *Jurnal SainHealth*, 1(2), 83–91.
- Arezo, M., Pereiro, L., & Berois, N. (2005). Early development in the annual fish *Cynolebias viarius*. *Journal of Fish Biology*, 66, 1357–1370. <https://doi.org/10.1111/j.1095-8649.2005.00688.x>
- Azis, M. N., Herawati, T., Anna, Z., & Nurruhwati, I. (2018). Pengaruh Logam Kromium (Cr) Terhadap Histologi Organ Insang, Hati dan Daging Ikan di Sungai Cimanuk Bagian Hulu Kabupaten Garut. *Jurnal Perikanan Kelautan*, 9(1), 119–128. <http://journal.unpad.ac.id/jpk/article/view/18231>
- Belanger, S. E., Rawlings, J. M., & Carr, G. J. (2013). Use of Fish Embryo Toxicity Tests For The Prediction of Acute Fish Toxicity to Chemicals. *Environmental Toxicology and Chemistry*, 32(8), 1768–1783. <https://doi.org/10.1002/etc.2244>
- Birhanlı, A., & Ozmen, M. (2005). Evaluation of the Toxicity and Teratogenicity of Six Commercial Textile Dyes Using the Frog Embryo Teratogenesis Assay – *Xenopus*. *Drug and Chemical Toxicology*, 51–65. <https://doi.org/10.1081/DCT-200039689>
- Chan, W. K., & Ming, K. (2012). Disruption of the hypothalamic-pituitary-thyroid axis in zebrafish embryo – larvae following waterborne exposure to BDE-47 , TBBPA and BPA. *Aquatic Toxicology*, 108, 106–111. <https://doi.org/10.1016/j.aquatox.2011.10.013>
- Choe, H., Kim, M.-J., Jeon, H.-J., Kim, K., Kim, C., Park, J., Shin, J., Lee, S.-R., & Lee, S.-E. (2021). Acute Toxicity of the Insecticide EPN upon zebrafish (*Danio rerio*) embryos and its related adverse effects: Verification of abnormal cardiac development and seizure-like events. *Ecotoxicology and Environmental Safety*, 222, 1–10. <https://doi.org/10.1016/j.ecoenv.2021.112544>
- Clark, M. (2011). *Handbook of Textile and Industrial Dyeing* (M. Clark (ed.); 1st ed.). Woodhead Publishing.
- Cohen, S. P., LaChappelle, A. R., Walker, B. S., & Lassiter, C. S. (2014). Modulation of Estrogen Causes Disruption of Craniofacial Chondrogenesis in *Danio rerio*. *Aquatic Toxicology*, 152, 113–120. <https://doi.org/10.1016/j.aquatox.2014.03.028>
- Dina, R., Samir, O., Lukman, Haryani, G. S., & Nasution, S. H. (2019). Fish and fisheries of Bada (*Rasbora* spp.) in Lake Fish and fisheries of Bada (*Rasbora* spp.) in Lake Maninjau, West Sumatra. *IOP Conference Series: Earth and Environmental Science*, 306, 1–10. <https://doi.org/10.1088/1755-1315/306/1/012004>

- Dini, M. K., Rachmadiarti, F., & Kuntjoro, S. (2013). *Potensi Jerami Sebagai Adsorben Logam Timbal (Pb) Pada Limbah Cair Industri Batik Sidokare , Sidoarjo The Potential of Rice Straw as Pb Adsorbent on Wastewater of Batik Industry in Sidokare Sidoarjo*. 2012.
- Djumanto, & Setyawan, F. (2009). Food Habits of The Yellow Rasbora, *Rasbora lateristriata*, (Family: Cyprinidae) Broodfish During Moving to Spawning Ground. *Journal of Fish Science*, *XI*(1), 107–114.
- Djumanto, Setyobudi, E., Sentosa, A., Budi, R., & Nirwanti, N. (2008). Reproductive Biology of the Yellow Rasbora (*Rasbora lateristriata*) Inhabitat of the Ngrancah River Kulon Progo Regency. *Journal of Fisheries Sciences*, *2*, 261–275.
- EFSA. (2013). International Frameworks Dealing with Human Risk Assessment of Combined Exposure to Multiple Chemicals. *European Safety Authority*, *11*.
- Fidiastuti, R., & Lathifah, A. S. (2018). Uji Karakteristik Limbah Cair Industri Batik Tulungagung: Penelitian Pendahuluan. *Seminar Nasional Pendidikan Biologi Dan Saintek III*, 296–300.
- Gilbert, S. F., & Barresi, M. J. (2016). *Developmental Biologi* (11th Editi). Sinauer Associates, Inc.
- Gopalakrishnan, S., Thilagam, H., & Raja, P. V. (2007). Toxicity of heavy metals on embryogenesis and larvae of the marine sedentary polychaete *Hydroides elegans*. *Archives of Environmental Contamination and Toxicology*, *52*(2), 171–178. <https://doi.org/10.1007/s00244-006-0038-y>
- Gurley, K. E., & Kemp, C. J. (2001). Synthetic lethality between mutation in Atm and DNA-PKcs during murine embryogenesis. *Current Biology*, *11*(3), 191–194. [https://doi.org/10.1016/S0960-9822\(01\)00048-3](https://doi.org/10.1016/S0960-9822(01)00048-3)
- Hadiaty, R. K. (2016). Iktiofauna di Kawasan Karst Menoreh, Jawa Tengah dan upaya konservasinya. *Jurnal Iktiologi Indonesia*, *16*(2), 199–210.
- Hart, P. J. B., & Reynolds, J. D. (2002). *Handbook of Fish Biology and Fisheries Volume 2 Fisheries*. *2*, 426.
- Hartoto, D. I., & Mulayan, E. (1996). Hubungan Parameter Kualitas Air Dengan Struktur Ikhtiofauna Perairan Darat Pulau Siberut. *Oseanologi Dan Limnologi Indonesia*, *29*, 41–55.
- Hernández, P. P., & Allende, M. L. (2008). Zebrafish (*Danio rerio*) as a Model for Studying the Genetic Basis of Copper Toxicity, Deficiency, and Metabolism. *American Journal of Clinical Nutrition*, *88*(3), 835–839. <https://doi.org/10.1093/ajcn/88.3.835s>
- Herring, N., Danson, E. J. F., & Paterson, D. J. (2023). Cholinergic Control of Heart Rate by Nitric Oxide is Site Specific. *News Physiol Sci*, *17*, 1–5. <https://doi.org/10.1152/nips.01386.2002>
- Hubert, N., Lumbantobing, D., Sholihah, A., Dahruddin, H., Trotin, E. D., Busson, F., Sauri, S., Hadiaty, R., & Keith, P. (2019). Revisiting Species Boundaries and Distribution Ranges of *Nemacheilus* spp . (Cypriniformes: Nemacheilidae) and *Rasbora* spp . (Cypriniformes : Cyprinidae) in Java , Bali and Lombok through DNA Barcodes: Implications for Conservation in a Biodiversity. *Conservation Genetics*, *0*(0), 0. <https://doi.org/10.1007/s10592-019-01152-w>
- Ibrahim, S., Shalloof, Kas., & Salama, H. (2008). Effect of Environmental Conditions of Abu-Zabal Lake on Some Biological , Histological and Quality Aspects of Fish. *Global Veterinaria*, *2*(5), 257–270.
- Indrayani, L. (2018). Pengolahan Limbah Cair Industri Batik Sebagai Salah Satu

- Percontohan IPAL Batik di Yogyakarta. *Ecotrophic*, 12(2), 173–184.
- Indrayani, L., & Si, M. (2019). *Teknologi Pengolahan Limbah Cair Batik dengan IPAL BBKB Sebagai Salah Satu Alternatif Percontohan bagi Industri Batik*. April, 1–9.
- Iriansyah, Rosadi, E., & Isnaini. (2016). Perbandingan Jenis Kelamin (Sex Ratio) dan Parameter Pertumbuhan Ikan Seluang Ekor Merah (*Rasbora Lateristriata*, Blkr 1854) di Wilayah Hulu Sungai Barito Kalimantan Selatan, Indonesia. *Fish Scientiae*, 6(2), 25–36.
- Jeon, H., Park, J., & Lee, S. (2023). Developmental toxicity of chlorpyrifos-methyl and its primary metabolite, 3, 5, 6-trichloro-2-pyridinol to early life stages of zebrafish (*Danio rerio*). *Ecotoxicology and Environmental Safety*, 249(September 2022), 114352. <https://doi.org/10.1016/j.ecoenv.2022.114352>
- Jezierska, B., Ługowska, K., & Witeska, M. (2009). The effects of heavy metals on embryonic development of fish (a review). *Fish Physiology and Biochemistry*, 35(4), 625–640. <https://doi.org/10.1007/s10695-008-9284-4>
- Jiang, J., He, B., Wei, Y., Cui, J., Zhang, Q., Liu, X., Liu, D., Wang, P., & Zhou, Z. (2022). The toxic effects of combined exposure of chlorpyrifos and p, p'-DDE to zebrafish (*Danio rerio*) and tissue bioaccumulation. *Aquatic Toxicology*, 248(May), 106194. <https://doi.org/10.1016/j.aquatox.2022.106194>
- Jiang, L., Li, K., Yan, D. L., Yang, M. fang, Ma, L., & Xie, L. Z. (2020). Toxicity Assessment of 4 Azo Dyes in Zebrafish Embryos. *International Journal of Toxicology*, 39(2), 115–123. <https://doi.org/10.1177/1091581819898396>
- Kardong, K. V. (2009). *Vertebrates: Comparative Anatomy, Function, Evolution* (6th ed.). McGraw-Hill Companies, Inc.
- Kholodnyy, V., Gadelha, H., Cosson, J., & Boryshpolets, S. (2019). How do freshwater fish sperm find the egg? The physicochemical factors guiding the gamete encounters of externally fertilizing freshwater fish. *Reviews in Aquaculture*, 12(2), 1–28. <https://doi.org/10.1111/raq.12378>
- Kimmel, C. B., Ballard, W. W., Kimmel, S. R., Ullmann, B., & Schilling, T. F. (1995). Stages of Embryonic Development of The Zebrafish. *Developmental Dynamics*, 203(3), 253–310. <https://doi.org/10.1002/aja.1002030302>
- Kluver, N., Maria, K., Ortmann, J., Massei, R., Paschke, A., Kuhne, R., & Scholz, S. (2015). Fish Embryo Toxicity Test: Identification of Compounds with Weak Toxicity and Analysis of Behavioral Effects To Improve Prediction of Acute Toxicity for Neurotoxic Compounds. *Environmental Science & Technology*, 49, 7002–7011. <https://doi.org/10.1021/acs.est.5b01910>
- Kottelat, M., Whitten, A. J., Kartikasari, S. N., & Wirjoatmodjo, S. (1993). *Freshwater Fishes of Western Indonesia and Sulawesi*. Periplus Editions (HK) Ltd.
- Kusuma, W. E., Ratmuangkhwang, S., & Kumazawa, Y. (2016). Molecular phylogeny and historical biogeography of the Indonesian freshwater fish *Rasbora lateristriata* species complex (Actinopterygii: Cyprinidae): Cryptic species and west-to-east divergences. *Molecular Phylogenetics and Evolution*, 105, 212–223. <https://doi.org/10.1016/j.ympev.2016.08.014>
- Kusumadewi, M. R., Suyasa, I. W. B., & Berata, I. K. (2015). Tingkat Biokonsentrasi Logam Berat dan Gambaran Histopatologi Ikan Mujair (*Oreochromis Mossambicus*) yang Hidup di Perairan Tukad Badung Kota Denpasar. *ECOTROPHIC: Jurnal Ilmu Lingkungan (Journal of Environmental Science)*, 9(1), 25. <https://doi.org/10.24843/ejes.2015.v09.i01.p04>

- Lestari, W. P., Wiratmini, N. I., & Dalem, A. A. G. R. (2018). Struktur Histologi (*Oreochromis mossambicus* L.) Sebagai Indikator Air Lagoon Nusa Dua, Bali. *Simbiosis*, 6(2), 45. <https://doi.org/10.24843/jsimbiosis.2018.v06.i02.p03>
- Lin, C. C., Hui, M. N. Y., & Cheng, S. H. (2007). *Toxicity and cardiac effects of carbaryl in early developing zebrafish (Danio rerio) embryos*. 222, 159–168. <https://doi.org/10.1016/j.taap.2007.04.013>
- Mallatt, J. (1985a). Fish gill structural changes induced by toxicants and other irritants—a statistical review. *Canadian Journal of Fisheries and Aquatic Sciences*, 42, 630–648.
- Mallatt, J. (1985b). Fish gill structural changes induced by toxicants and other irritants: A statistical review. *Canadian Journal of Fisheries and Aquatic Sciences*, 42(4), 630–648. <https://doi.org/10.1139/f85-083>
- Martini, F. H., Nath, J. L., & Bartholomew, E. F. (2018). *Fundamentals of Anatomy & Physiology* (11th Ed.). Pearson Education, Inc.
- Massion, P., Feron, O., Dessy, C., & Balligand, J.-L. (2003). Nitric Oxide and Cardiac Function. *Circulation Research*, 388–398. <https://doi.org/10.1161/01.RES.0000088351.58510.21>
- Měráková, E., & Gvoždík, L. (2009). Thermal acclimation of swimming performance in newt larvae: The influence of diel temperature fluctuations during embryogenesis. *Functional Ecology*, 23(5), 989–995. <https://doi.org/10.1111/j.1365-2435.2009.01588.x>
- Moyle, P. B., & Cech, J. J. J. (1988). *Fishes: An Introduction to Ichthyology* (2nd ed.). Prentice-Hall, Inc.
- Myers, P., Espinosa, R., Parr, C. S., Jones, T., Hammond, G. S., & Dewey, T. A. (2021). *The Animal Diversity Web (online)*. <https://animaldiversity.org>
- National Center for Biotechnology Information. (2023). *N. PubChem Compound Summary for CID 67274*. <https://pubchem.ncbi.nlm.nih.gov/compound/Naphthol-AS-OL>
- Nebeker, A. V., & Schuytema, G. S. (1998). Environmental Contamination and Toxicology Chronic Effects of the Herbicide Diuron on Freshwater Cladocerans, Amphipods, Midges, Minnows, Worms, and Snails. *Archives of Environmental Contamination and Toxicology*, 35, 441–446.
- Nelson, J. S., Grande, T. C., Wilson, & V.H., M. (2016). *Fishes of The World* (5th editio). John Wiley & Sons, Inc.
- Neuhauss, S., Solnica-Krezel, L., Schier, A., Zwartkruis, F., & Stemple, D. (1996). Mutations affecting craniofacial development in zebrafish. *Development*, 123, 357–367.
- Northrop, E. J., Rich, J. J. J., Cushman, R. A., Mcneel, A. K., Soares, M., Brooks, K., Spencer, T. E., & Perry, G. A. (2018). Effects of preovulatory estradiol on uterine environment and conceptus survival from fertilization to maternal recognition of pregnancy †. *Biology of Reproduction*, 99(April), 629–638. <https://doi.org/10.1093/biolre/ioy086>
- Nurroisah, E., Indarjo, S., & Wahyuningsih, A. S. (2014). Keefektifan Aerasi Sistem Tray dan Filtrasi sebagai Penurun Chemical Oxygen Demand dan Padatan Tersuspensi pada Limbah Cair Batik. *Unnes Journl of Public Health*, 3(4), 56–64.
- Pratama, S. F., Retnoaji, B., & Ana, I. D. (2022). Effects of Carbonate Hydroxyapatite (CHA) on the Development of Heart and Cranium Cartilage of Zebrafish (*Danio*

- rerio Hamilton, 1882) larvae. *Chiang Mai University Journal of Natural Sciences*, 21(3), 1–16.
- Pratiwi, A. I., Husni, A., Budhiyanti, S. A., & Aji, B. R. (2017). Karakteristik Mutu Wader Pari Hasil Budidaya pada Berbagai Suhu Penyimpanan. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 20(1), 123–130.
- Purnomo, T., & Muchyiddin. (2007). Analisis Kandungan Timbal (Pb) pada Ikan Bandeng (*Chanos chanos* Forsk.) di Tambak Kecamatan Gresik. *Neptunus*, 14(1), 68–77.
- Putra, D., Lisdiana, & Pribadi, T. (2014). Ram Jet Ventilation, Perubahan Struktur Morfologi Dan Gambaran Mikroanatomi Insang Ikan Lele Akibat Paparan Limbah Cair Pewarna Batik. *Unnes Journal of Life Science*, 3(1), 53–58.
- Putra, R. M. (2010). Pengaruh Kombinasi Penyuntikan hCG dan Ekstrak Kelenjar Hipofisa Ikan Mas Terhadap Daya Rangsang Ovulasi dan Kualitas Telur Ikan Pantau (*Rasbora lateristriata* Blkr). *Jurnal Perikanan Dan Kelautan*, 15(1), 1–15. <https://doi.org/http://dx.doi.org/10.31258/jpk.15.01.%25p>
- Qomaruddin, M., & Sudarno, S. (2017). Pemanfaatan Limbah Bottom Ash Pengganti Agregat Halus Dengan Tambahan Kapur Pada Pembuatan Paving. *Reviews in Civil Engineering*, 1(1), 13–18. <https://doi.org/10.31002/rice.v1i1.537>
- Rezzani, R., Nardo, L., Peroni, M., & Fabrizio, L. (2013). Thymus and aging: Morphological, radiological, and functional overview. *Journal of the American Aging Association*, May 2014. <https://doi.org/10.1007/s11357-013-9564-5>
- Sadler, T. (2015). *Langman's medical embryology* (13rd ed.). Wolters Kluwer Health.
- Sentosa, A. A., & Djumanto. (2010). Habitat Pemijahan Ikan Wader Pari (*Rasbora lateristriata*) di Sungai Ngrancah, Kabupaten Kulonprogo. *Jurnal Iktiologi Indonesia*, 10(1), 55–63. <https://doi.org/10.32491/jii.v10i1.178>
- Siregar, A. P., Raya, A. B., Nugroho, A. D., Indana, F., Prasada, I. M. Y., Andiani, R., Simbolon, T. G. Y., & Kinasih, A. T. (2020). Upaya Pengembangan Industri Batik di Indonesia. *Dinamika Kerajinan Dan Batik*, 37(1), 79–92. <https://doi.org/10.22322/dkb.V36i1.4149>
- Sisson, B. E., Dale, R. M., Mui, S. R., Topczewska, J. M., & Topczewski, J. (2015). Mechanisms of Development A role of glypican4 and wnt5b in chondrocyte stacking underlying craniofacial cartilage morphogenesis. *MOD*, 138, 279–290. <https://doi.org/10.1016/j.mod.2015.10.001>
- Soeryanto, S. M., Chaeron, M., & Wibawa, T. (2016). Perancangan Alat Bantu Proses Pembuatan Batik Sarita. *Opsi*, 9(2), 119. <https://doi.org/10.31315/opsi.v9i2.2329>
- Steelyana, E. (2012). Batik, a Beautiful Cultural Heritage that Preserve Culture and Support Economic Development in Indonesia. *Binus Business Review*, 3(1), 116.
- Sterba, G. (1989). *Freshwater Fishes of The World* (Volume I). Falcon Books.
- Sumon, K. A., Saha, S., Brink, P. J. Van Den, Edwin, T. H. M., Bosma, R. H., Rashid, H., Ahmed, K., Saha, S., Brink, P. J. Van Den, & Edwin, T. H. M. (2017). Acute toxicity of chlorpyrifos to embryo and larvae of banded gourami *Trichogaster fasciata*. *Journal of Environmental Science and Health, Part B*, 52(2), 92–98. <https://doi.org/10.1080/03601234.2016.1239979>
- Supriatno, & Lelifajri. (2009). Analisis Logam Berat Pb dan Cd dalam Sampel Ikan dan Kerang secara Spektrofotometri Serapan Atom. *Jurnal Rekayasa Kimia & Lingkungan*, 7(1), 5–8.
- Suryani, S. A. M. P., Kawan, I. M., & Arya, I. W. (2020). Keragaman Morfologi Ikan Nyalian (*Rasbora Lateristriata*, Bleeker) Pada Habitat Yang Berbeda.

- Proceedings of the 2nd Warmadewa Research and Development Seminar (WARDS)*, 1–6. <https://doi.org/10.4108/eai.13-12-2019.2298278>
- Sutin, S., & Tina, F. W. (2020). Embryonic development of a mountainous fish species *Garra cambodgiensis* (Tirant, 1883) in southern Thailand. *J Anim Behav Biometeorol*, 8, 88–94. <https://doi.org/10.31893/jabb.20012>
- The Organisation for Economic Co-operation and Development. (2013). *The Organisation for Economic Co-operation and Development* (Issue July). https://www.oecd-ilibrary.org/environment/test-no-236-fish-embryo-acute-toxicity-fet-test_9789264203709-en
- Umi Abida, F., Alam, P., & Retnoaji, B. (2021). Detergents Effect on Egg Hatchability, Morphometry and Larval Bone Structure of Native Indonesian Fish: Wader Pari (*Rasbora lateristriata* Bleeker, 1854). *E3S Web of Conferences*, 226(16), 1–8. <https://doi.org/10.1051/e3sconf/202122600016>
- United States of Environmental Protection Agency. (1996). *Ecological Effects Test Guidelines Daphnid Chronic Toxicity Test* (Issue April). <https://nepis.epa.gov/Exe/ZyNET.exe/P100SH4Z.TXT?ZyActionD=ZyDocument&Client=EPA&Index=2016+Thru+2020&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=>
- Wangi, R. R., & Poernomo, D. (2019). Pelaksanaan Proses Produksi pada Usaha Kecil Batik Pringgokusumo Banyuwangi. *E-Sospol*, VI(1), 55–63.
- Weichert, F. G., Floeter, C., Meza Artmann, A. S., & Kammann, U. (2017). Assessing the ecotoxicity of potentially neurotoxic substances – Evaluation of a behavioural parameter in the embryogenesis of *Danio rerio*. *Chemosphere*, 186, 43–50. <https://doi.org/10.1016/j.chemosphere.2017.07.136>
- White, P. R., Franke, M., & Hindle, P. (1999). *Integrated Solid Waste Management: A Lifecycle Inventory*. Aspen Publishers, Inc. <https://doi.org/10.1007/978-1-4615-2369-7>
- Wu, S., Su, C., & Shu, L. (2018). Effects of calcium and estrogen on the development of the ceratohyal cartilage in zebra fish (*Danio rerio*) larvae upon embryo and maternal cadmium exposure. *Comparative Biochemistry and Physiology, Part C*, 213(May), 47–54. <https://doi.org/10.1016/j.cbpc.2018.07.006>
- Yoga, G., & Samir, O. (2020). Ammonia toxicity to endemic fish (*Rasbora maninjau*) of Lake Maninjau as a reference for water quality guidelines Ammonia toxicity to endemic fish (*Rasbora maninjau*) of Lake Maninjau as a reference for water quality guidelines. *International Conference on Tropical Limnology*, 535, 1–7. <https://doi.org/10.1088/1755-1315/535/1/012009>
- Zhu, D., Yang, K., Sun, N., Wang, W., & Zhou, X. (2018). Embryonic and larval development of the topmouth gudgeon, *Pseudorasbora parva* (Teleostei: Cyprinidae). *Zoologia*, 35, 1–8. <https://doi.org/10.3897/zoologia.35.e22162>
- Zulfadhli, Z., Wijayanti, N., & Retnoaji, B. (2016). Perkembangan Ovarium Ikan Wader Pari (*Rasbora lateristriata* Bleeker, 1854): Pendekatan Histologi. *Jurnal Perikanan Tropis*, 3(1), 32–39. <https://doi.org/10.35308/jpt.v3i1.34>
- Zulfahmi, I., Muliari, & Mawaddah, I. (2017). Toksisitas Limbah Cair Kelapa Sawit Terhadap Ikan Nila (*Oreochromis niloticus* Linneus 1758) Dan Ikan Bandeng (*Chanos chanos* Froskall 1755). *Agricola*, 7(1), 44–55.