

DAFTAR PUSTAKA

- Abdul Karim, dan. (2019). Isolasi dan Uji Bakteri Lipolitik dalam Mendegradasi Minyak Pada Limbah Cair Kelapa Sawit di Kebun Marihat, Pematang Siantar. *Jurnal Ilmiah Biologi UMA (JIBIOMA)*, 1(2), 44-52. <https://doi.org/10.31289/jibioma.v1i2.155>
- Aisami, A., Yasid, N. A., Johari, W. L. W., Ahmad, S. A., & Shukor, M. Y. (2020). Effect of Temperature and Ph on Phenol Biodegradation By a Newly Identified *Serratia* Sp. Aq5-03. *Open Journal of Bioscience Research (ISSN: 2734-2069)*, 1(1), 28–43. <https://doi.org/10.52417/ojbr.v1i1.57>
- Agustina, T. E., Sulistyono, B., & Anugrah, R. (2016). Pengolahan Palm Oil Mill Effluent (Pome) Dengan Metode Fenton dan Kombinasi Adsorpsi Fenton. *Jurnal Teknik Kimia*, 22(3), 1–8. <https://doi.org/10.52506/jtpa>
- Akmal. 2010. Biodegradasi fenol limbah cair industri tekstil oleh *Candida tropicalis*. Fakultas Matematika dan ilmu Pengetahuan Alam, Institut Pertanian Bogor. <https://doi.org/10.31851/redoks.v1i2.2024>
- Ali, E. A. M., Abd Ellatif, S., & Abdel Razik, E. S. (2020). Production, purification, characterization and immobilization of laccase from *Phoma betae* and its application in synthetic dyes decolorization. *Egyptian Journal of Botany*, 60(1), 301–312. <https://doi.org/10.21608/ejbo.2019.19226.1381>
- Amanda, W. N., Made Artika, I., & Rusmana, I. (2018). Pemanfaatan Bakteri Pereduksi Emisi Gas Metana Pada Limbah Cair Kelapa Sawit (*Elaeis guineensis* Jacq.). *Journal homepage:biokimia.ipb.ac.id/cbBiochemistry*, 4(2), 2337. <https://doi.org/10.29244/cb.11.1.2>
- Bala, J. D., Lalung, J., & Ismail, N. 2015. Studies on the reduction of organic load from palm oil mill effluent (POME) by bacterial strains. *International Journal of Recycling of Organic Waste in Agriculture*, 4(1), 1–10. <https://doi.org/10.1007/s40093-014-0079-6>
- Bala, J. D., Lalung, J., Al-Gheethi, A. A. S., Kaizar, H., & Ismail, N. (2018). Reduction of Organic Load and Biodegradation of Palm Oil Mill Effluent by Aerobic Indigenous Mixed Microbial Consortium Isolated from Palm Oil Mill Effluent (POME). *Water Conservation Science and Engineering*, 3(3), 139–156. <https://doi.org/10.1007/s41101-018-0043-9>
- Elystia, S., Meidina Rizani, V., & Muria, S. R. 2021. Penyisihan Polutan pada Palm Oil Mill Effluent (POME) Menggunakan Konsorsium Mikroalga-Bakteri dengan Sistem High Rate Algae Reactor (HRAR). *Jurnal Sains Teknologi & Lingkungan*, 7(1), 146–159. <https://doi.org/10.29303/jstl.v7i1.213>

- Febria, F. A., Walpajri, F., Tjong, D. H., & Zakaria, I. J. (2023). Utilization of Local Microorganisms as Bioactivators to Produce Organic Fertilizers and Analysis of Molecular Bacterial Diversity. *Pakistan Journal of Biological Sciences*, 26(3), 138–147. <https://doi.org/10.3923/pjbs.2023.138.147>
- Febria, F. A., Jonesti, W., & Junaidi Zakaria, I. (2020). Energy Harvesting With Estuarine Sediment Microbial Fuel Cell. *Biotech. Env. Sc*, 22(1), 2020–2189.
- Febria, F. A., Octavelly, V., & Zakaria, I. J. (2018). Isolation and heavy metals bacterial resistant test from former of bauxite mining at bintan island. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*, 20(1), 341–344.
- Febria, F. A., Zakaria, I. J., & Syukriani, L. (2017). Application of Superior Mercury Resistant Bacteria as a Mercury Remediator on Small Scale Soil using Simple Open and Closed Bioreactor. *Journal of Chemical and Pharmaceutical Research*, 9(2), 46–50.
- Fitriana, F., Baharuddin, M., & Wali, S. (2016). Isolasi dan Identifikasi Bakteri Pendegradasi Fenol yang Bersumber Dari Danau Tempe Kabupaten Wajo Sulawesi Selatan. *Al-Kimia*, 4(2), 33–42. <https://doi.org/10.24252/al-kimia.v4i2.1694>
- Ganapathy, B., Yahya, A., & Ibrahim, N. 2019. Bioremediation of palm oil mill effluent (POME) using indigenous *Meyerozyma guilliermondii*. *Environmental Science and Pollution Research*, 26(11), 11113–11125. <https://doi.org/10.1007/s11356-019-04334-8>.
- Hussey, M. A. (2017). Endospore Stain Protocol. *American Society for Microbiology*
- Ilmannafian, A. G., Lestari, E., & Khairunisa, F. 2020. Pengolahan Limbah Cair Pabrik Kelapa Sawit dengan Metode Filtrasi dan Fitoremediasi Menggunakan Tanaman Eceng Gondok (*Eichhornia Crassipes*). *Jurnal Teknologi Lingkungan*, 21(2), 244–253. <https://doi.org/10.29122/jtl.v21i2.4012>.
- Irvan, Bambang Trisakti, Michael Vincent, & Yohannes Tandean. 2012. Pengolahan Lanjut Limbah Cair Kelapa Sawit Secara Aerobik Menggunakan Effective Microorganism Guna Mengurangi Nilai Tss. *Jurnal Teknik Kimia USU*, 1(2), 27–30. <https://doi.org/10.32734/jtk.v1i2.1414>
- Islam, H., Nelvia, N., & Zul, D. (2019). Isolasi Dan Uji Potensi Bakteri Fiksasi N Non Simbiotik Asal Tanah Kebun Kelapa Sawit Dengan Aplikasi Tandan Kosong Dan Limbah Cair Pabrik Kelapa Sawit. *Jurnal Agroteknologi*, 9(2), 35. <https://doi.org/10.24014/ja.v9i2.4508>
- Jones, D. S., Kohl, C., Grettenberger, C., Larson, L. N., Burgos, W. D., & Macalady, J. L. (2015). Geochemical niches of iron-oxidizing acidophiles in acidic coal mine drainage. *Applied and Environmental Microbiology*, 81(4), 1242–1250. <https://doi.org/10.1128/AEM.02919-14>

- Jonesti, wilfadri putra dan fuji astuti. (2017). *Isolasi Dan Karakterisasi Bakteri Pada Anoda Sediment Microbial Fuel Cell (Smfc). September*, 167–186.
- Kamal, S. A., Jahim, J. M., Anuar, N., Hassan, O., Daud, W. R. W., Mansor, M. F., & Rashid, S. S. (2012). Pre-Treatment Effect of Palm Oil Mill Effluent (POME) during Hydrogen Production by a Local Isolate *Clostridium butyricum*. *International Journal on Advanced Science, Engineering and Information Technology*, 2(4), 325. <https://doi.org/10.18517/ijaseit.2.4.214>
- Kongnoo, A., Suksaroj, T., Intharapat, P., Promtong, T., & Suksaroj, C. (2012). Decolorization and organic removal from palm oil mill effluent by fenton's process. *Environment Engineering Science*, 29(9), 855–859. <https://doi.org/10.1089/ees.2011.0181>
- Khairani. 2023. Isolasi Dan Identifikasi Bakteri Lipolitik Dari Limbah Cair Kelapa Sawit (*Elaeis quineensis* Jacq.) *BIOEDUSAINS: Jurnal Pendidikan Biologi dan Sain* 1, 2 1,2. 6(1), 1–13. <https://doi.org/10.31539/bioedusains.v6i1.5285>.
- Kawengan, S. M. (2006). Biodegradasi Fenol oleh Isolat *Bacillus* spp asal Sumur Minyak Kawengan, Cepu. *Bioteknologi*, 3(1), 8–13. <https://doi.org/10.13057/biotek/c030102>
- Martani, E., Haedar, N., dan Margino, S. 2003. Dekolorisasi Lindi Hitam dan Degradasi Lignin Oleh Bakteri *Micrococcus* sp. SPH-9 serta *Bacillus* sp. SPH-10. *Jurnal Biologi*. 3(2) : 81-93. <https://doi.org/10.25105/pdk.v6i2.9935>
- Meitiniarti, V.I., Sutarto, E.S., Timotius, K.H., dan Hendrawan, J.T. 2005. Dekolorisasi Pewarna Azo Orange II Oleh *Enterococcus faecalis* ID6017 dan *Chryseobacterium indologenes*. *Jurnal Biologi*. 4(5) : 303-313. <https://doi.org/10.31957/jbp.2202>
- Mohammed, R. R., & Chong, M. F. (2014). Treatment and decolorization of biologically treated Palm Oil Mill Effluent (POME) using banana peel as novel biosorbent. *Journal of Environmental Management*, 132, 237–249. <https://doi.org/10.1016/j.jenvman.2013.11.031>
- Neoh, C. H., Yahya, A., Adnan, R., Abdul Majid, Z., & Ibrahim, Z. (2013). Optimization of decolorization of palm oil mill effluent (POME) by growing cultures of *Aspergillus fumigatus* using response surface methodology. *Environmental Science and Pollution Research*, 20(5), 2912–2923. <https://doi.org/10.1007/s11356-012-1193-5>
- Ohimain, E. I., & Izah, S. C. (2017). A review of biogas production from palm oil mill effluents using different configurations of bioreactors. *Renewable and Sustainable Energy Reviews*, 70(December 2014), 242–253. <https://doi.org/10.1016/j.rser.2016.11.221>
- Octavelly, V., & Febria, F. A. (2017). Uji Resistensi Isolat Bakteri Resistensi Kromium sebagai Isolat Potensial Agen Bioremediasi Lahan Tercemar Limbah Krom. *September*, 167–186.
- Purukan, C., Siampa, J. P., & Tallei, T. E. (2020). Enkapsulasi Bakteri Asam Laktat Hasil Fermentasi Buah Salak (*Salacca zalacca*) Lokal Menggunakan Aginat dengan Pewarna Kembang Sepatu (*Hibiscus rosa-sinensis* L.). *Jurnal Bios Logos*, 10(2), 93. <https://doi.org/10.35799/jbl.10.2.2020.29045>

- Purwanto, D. (2013). Pengolahan Limbah Cair Kelapa Sawit Menggunakan Reaktor Uaf (Upflow Anaerobic Filter). *Jurnal Riset Industri Hasil Hutan*, 5(1), 1. <https://doi.org/10.24111/jrihh.v5i1.1207>
- Putera, D. A., Matondang, A. R., Sembiring, M. T., & Dermawan, A. A. (2022). Penerapan Seven Tools Untuk Mengidentifikasi Kadar Limbah Cair (Pome) Di Perusahaan Kelapa Sawit. *Sigma Teknika*, 5(1), 022–029. <https://doi.org/10.33373/sigmateknika.v5i1.4165>
- Putri, G. E., & Febria, F. A. (2023). *Isolation and Testing of Bacterial Isolate From Pome*. 14, 414–423. <http://dx.doi.org/10.30633/jkms.v14i2.2159>
- Ratpukdi, T. (2012). Decolorization of Anaerobically Treated Palm Oil Mill Wastewater Using Combined Coagulation and Vacuum Ultraviolet-Hydrogen Peroxide. *International Journal of Chemical Engineering and Applications*, 333–336. <https://doi.org/10.7763/ijcea.2012.v3.212>
- Reiner, K. (2016). Catalase test protocol. *American Society for Microbiology*, 1–9.
- Reksohadiwinoto, B. S., Rosmalawati, S., Cahyana, P. T., & Hariyanto, B. (2017). Enzim Laccase dari Edible Mushroom untuk Pemutihan Pati Sagu Ramah Lingkungan. *Jurnal Teknologi Lingkungan*, 18(2), 224. <https://doi.org/10.29122/jtl.v18i2.1790>
- Sadiyah, L. (2019). Pengaruh variasi pH terhadap kemampuan bakteri dalam dekolonisasi limbah cair gula rafinasi. *jurnal Lailatus sa'diyah unram*. Vol.14(1). <https://doi.org/10.29303/jpm.v14i1.1028>
- Sianipar, G. W. S., Sartini, S., & Riyanto, R. (2020). Isolasi dan Karakteristik Bakteri Endofit pada Akar Pepaya (*Carica papaya* L). *Jurnal Ilmiah Biologi UMA (JIBIOMA)*, 2(2), 83–92. <https://doi.org/10.31289/jibioma.v2i2.312>
- Sisnayati, S., Dewi, D. S., Komala, R., Meilianti, M., & Faizal, M. (2022). Pengolahan limbah Palm Oil Mill Effluent (POME) menggunakan proses aerasi dalam kolom aerator plat berlubang Palm Oil Mill Effluent (POME) waste treatment using aeration process in perforated plate aerator column. *Jurnal Teknik Kimia*, 28(3), 7–15. <https://doi.org/10.36706/jtk.v28i3.996>
- Smith, A., & Hussey, M. (2016). Gram Stain Protocols. *American Society for Microbiology*.
- Wahyudi, F., Wibawa Hendra Saputera, Dwiwahju Sasongko, & Hary Devianto. 2023. Studi Pengaruh Konsentrasi Katalis ZnO untuk Degradasi Limbah Palm Oil Mill Effluent (POME) Menggunakan Teknologi Fotokatalitik. *Jurnal Teknik: Media Pengembangan Ilmu Dan Aplikasi Teknik*, 22(2), 105–113. <https://doi.org/10.55893/jt.vol22no2.549>
- Yani, M. (2010). Proses Biodegradasi Minyak Diesel Oleh Campuran Bakteri Pendegradasi Hidrokarbon. 19(1), 40–44. <https://doi.org/10.32734/jtk.v9i1.3834>