



DAFTAR PUSTAKA

- Abatenh, E., B. Gizaw, Z. Tsegaye, dan M. Wassie. 2017. The role of microorganism in bioremediation: a review. Open Journal of Environmental Biology. 2(1): 038-046.
- APHA. 1998. Standard Methods for the Examination of Water and Wastewater, 20th eds. American Public Health Association, Washington, DC.
- Bothe, H., S. J. Ferguson dan W. E. Newton. 2007. Biology of the nitrogen cycle. Elsevier. Netherlands.
- Durai, G. Dan M. Rajasimman. 2011. Biological treatment of tannery wastewater – a review. Journal of Environmental Science and Technology. 4(1): 1-17.
- Faisal, M. Dan S. Hasnain. 2004. Comparative study of Cr(VI) uptake and reduction in industrial effluent by *Ochrobactrum intermedium* and *Brevibacterium* sp. Biotechnology Letters. 26: 1623-1628.
- Fitriadi, R., Haeruddin, dan C. A'in. 2018. Efektivitas mikroorganisme sebagai bahan bioremediasi pada limbah pencucian ikan tongkol (*Auxis thazard*) (skala laboratorium). Saintek Perikanan (Indonesian Journal of Fisheries Science and Technology). 12(1): 52-59.
- Fitriyanto, N. A., A. Winarti, F. A. Imara, Y. Erwanto, T. Hayakawa, dan T. Nakagawa. 2017. Identification and growth characters of nitrifying *Pseudomonas* sp. LS3K isolated from odorous region of poultry farm. Journal of Biological Sciences. 17(1): 1-10.
- Hartanti, P. I., A. T. S. Haji, dan R. Wirosedarmo. 2014. Pengaruh kerapatan tanaman eceng gondok (*Eichornia crassipes*) terhadap penurunan logam chromium pada limbah cair penyamakan kulit. Jurnal Sumberdaya Alam dan Lingkungan. 1(2):31-35.
- He, T., Z. Li, Q. Sun, Y. Xu, dan Q. Ye. 2016. Heterotrophic nitrification and aerobic denitrification by *Pseudomonas tolaasii* Y-11 without nitrite accumulation during nitrogen conversion. Bioresource Technology. 200: 493-499.
- Hussein, H., S. F. Ibrahim, K. Kandeel, dan H. Moawad. 2004. Biosorption of heavy metals from waste water using *Pseudomonas* sp. Electronic Journal of Biotechnology. 7(1).
- Islam, B. I., A. E. Musa, E.H. Ibrahim, S. A. A. Sharafa, dan B. M. Elfaki. 2014. Evaluation and characterization of tannery wastewater. Journal of Forest Products & Industries. 3(3): 141-150.
- Kongjao, S., S. Damronglerd, dan M. Hunsom. 2008. Simultaneous removal of organic and inorganic pollutants in tannery wastewater using



- electrocoagulation technique. Korean Journal of Chemical Engineering. 25(4): 703-709.
- Li, C., J. Yang., X. Wang., E. Wang., B. Li., R. He. dan H. Yuan. 2015. Removal of nitrogen by heterotrophic nitrification – aerobik denitrification of a phosphate accumulating bacterium *Pseudomonas stutzeri* YG-24. Bioresource Technology. 182: 18-25.
- Majzlik, P., A. Strasky, V. Adam, M. Nemec, L. Trnkova, J. Zehnalek, J. Hubalek, I. Provaznik, dan R. Kizek. 2011. Influence of Zinc(II) and Copper(II) ions on *Streptomyces* bacteria revealed by electrochemistry. International Journal of Electrochemical Science. 6: 2171-2191.
- Manalu, R. T. 2017. Isolasi dan karakterisasi bakteri pendegradasi hidrokarbon asal Indonesia. Sainstech Farma. 10(2): 23-28.
- Paul, H., Antunes, A. P. M., Covington, A. D., Evans, P. dan Phillips, P. S. 2013. Towards zero solid waste: utilising tannery waste as a protein source for poultry feed. The Journal of Solid Waste Technology and Management.
- Peraturan Daerah Daerah Istimewa Yogyakarta Nomor 7 Tahun 2016 tentang Baku Mutu Air Limbah.
- Rajkumar, M., R. Nagendran, K. J. Lee, dan W. H. Lee. 2005. Characterization of a novel Cr⁶⁺ reducing *Pseudomonas* sp. with plant growth-promoting potential. Current Microbiologi: International Journal. 50: 266-271.
- Romayanto, M. E. W., Wirianto, dan Sajidan. 2006. Pengolahan limbah domestik dengan aerasi dan penambahan bakteri *Pseudomonas putida*. Bioteknologi. 3(2): 42-49.
- Saxena, G. dan R. N. Bharagava. 2016. Organic Pollutants in Tannery Wastewater and Bioremediation Approaches for Environmental Safety. Bioremediation for Industrial Pollutants 1(1): 119–151.
- Schrank, S. G., H. J. Jose, R. F. P. M. Moreira, dan H. Fr. Schroder. 2005. Applicability of fenton and H₂O₂/UV reactions in the treatment of tannery wastewater. Chemosphere. 60: 644-655.
- SNI 6989.71:2009. Air dan air limbah – Bagian 71: Cara uji krom heksavalen (Cr-VI) dalam contoh uji secara spektrofotometri. Badan Standardisasi Nasional ICS 13.060.50.
- Srinath, T., T. Verma, P. W. Ramteke, dan S. K. Garg. 2002. Chromium (VI) biosorption and bioaccumulation by chromate resistant bacteria. Chemosphere. 48: 427-435.
- Stoller, M., O. Sacco, D. Sannino, dan A. Chianese. 2013. Successful integration of membrane technologies in a conventional purification proces of tannery wastewater streams. Membranes. 3: 126-135.



- Suryani, Y. 2011. Bioremediasi limbah merkuri dengan menggunakan mikroba pada lingkungan yang tercemar. Jurnal ISTEK. 5(1-2): 135-148.
- Suyono, Y. Dan F. Salahudin. 2011. Identifikasi dan karakterisasi bakteri *Pseudomonas* pada tanah yang terindikasi terkontaminasi logam. Jurnal Biopropal Industri. 2(1): 8-13.
- Ying, Y., Y. Liu, X. Wang, Y. Mao, W. Cao, P. Hu, dan X. Peng. 2015. Two-dimensional titanium carbide for efficiently reductive removal of highly toxic chromium(VI) from water. ACS Applied Materials and Interfaces 2015. 7: 1795-1803.