

DAFTAR PUSTAKA

- A. Abdel-Karim, M. E. El-Naggar, E. K. Radwan, I. M. Mohamed, M. Azaam, and E. R. Kenawy, “High-performance Mixed-Matrix Membranes Enabled by Organically/Inorganic Modified Montmorillonite for The Treatment of Hazardous Textile Wastewater”. *Chem. Eng. J.*, vol. 405, no. September 2020, p. 126964, 2021.
- Badawi, A.K. and Zaher, K. 2021. Hybrid Treatment System for Real Textile Wastewater Remediation based on Coagulation/Flocculation, Adsorption and Filtration Processes: Performance and Economic Evaluation. *Journal of Water Process Engineering*, 40,101963.
- Bhat, Akash P., Parag R. Gogate, 2020. Cavitation-based pre-treatment of wastewater and waste sludge for improvement in the performance of biological processes: A review. *Journal Pre-proof*.
- Cicek, N., 2003. A review of membrane bioreactors and their potential application in the treatment of agricultural wastewater. University of Manitoba.
- E. S. Mansor, H. Ali, and A. Abdel-Karim. Efficient and Reusable Polyethylene Oxide/Polyaniline Composite Membrane for Dye Adsorption and Filtration. *Colloids Interf. Sci. Commun.*, vol. 39, no. September, p. 100314, 2020.
- Fitri, Hani Madarina., Hadiwidodo, M., Kholid, M.A. 2016. Penurunan Kadar COD, BOD, dan TSS pada Limbah Cair Industri MSG (Monosodium Glutamat) dengan Biofilter Anaerob Media Bio-Ball. *Jurnal Teknik Lingkungan*. Universitas Diponegro. Semarang, Jawa Tengah.
- Keskin, B., Agtas, M., Ormanci-Acar, T., Turken, T., Imer, D.Y., Unal, S., Menceloglu, Y.Z., Ucar-Demir, T. and Koyoncu, I. 2021. Halloysite Nanotube Blended Nanocomposite Ultrafiltration Membranes for Reactive Dye Removal. *Water Science and Technology* 83(2), 271–283.
- Khan, S. A., Khan, S. B., Khan, L. U., Farooq, A., Akhtar, K., Asiri, A. M. 2018. Fourier Transform Infrared Spectroscopy: Fundamentals and Application in Functional

Groups and Nanomaterials Characterization. Handbook of Materials Characterization (pp. 317-344). Publisher: Springer International Publishing AG, part of Springer Nature.

Ma, Dengsheng., Yi, H., Lai, C., Liu, X., Huo, X., An, Z., Li, L., Fu, Y., Li, B., Zhang, M., Qin, L., Liu, S., Yang, L. 2021. Critical Review of Advanced Oxidation Processes in Organic Wastewater Treatment. *Chemosphere* 275 (2021) 130104.

Merck KGaA. 2022. IR Spectrum Table & Chart.
<https://www.sigmaaldrich.com/ID/en/technical-documents/technical-article/analytical-chemistry/photometry-and-reflectometry/ir-spectrum-table>.
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Padmaja, K., Jyotsna Cherukuria , M. Anji Reddy, 2020. A comparative study of the efficiency of chemical coagulation and electrocoagulation methods in the treatment of pharmaceutical effluent. *Journal of Water Process Engineering*.

PT. Sumatra Resources International. 2021. Kajian Teknis Air Limbah Industri Gambir Nagari Pangkalan, Kecamatan Pangkalan Koto Baru, Kabupaten Limapuluh Kota, Sumatra Barat.

Kurinci, W., Bawamenewi, S. 2022. Proses Koagulasi dan Adsorpsi dengan PAC, Kapur Tohor, dan Karbon Aktif untuk Pengolahan Limbah Cair Industri Gambir. Jurusan Teknik Kimia, Universitas Bung Hatta, Padang.

Rahadi, B., Ruslan Wirosedarmo, Aprilia Harera. 2018. Sistem anaerobik-aerobik pada pengolahan limbah industri tahu untuk menurunkan kadar BOD, COD, dan TSS. *Jurnal Sumberdaya Alam dan Lingkungan*.

Sayekti, Rini Wahyu., Haribowo, R., Vivit, Y., Prabowo, A. 2011. Studi Efektifitas Penurunan Kadar BOD, CO, dan NH₃ pada Limbah Cair Rumah Sakit dengan Rotating Biological Contactor. *Jurnal Pengairan Universitas Brawijaya*. Malang, Jawa Timur.

Wa, Atima. 2015. BOD dan COD sebagai Parameter Pencemaran Air dan Baku Mutu Air Limbah. Jurnal Biology Science & Education. Biologi SKL (Vol. 4 No. 1 Edisi Jan – Jun 2015 ISSN 2252-858X). IAIN Ambon.

