



DAFTAR PUSTAKA

- Afisna, L. P., Juwana, W. E., Indarto, Deendarlianto, & Nugroho, F. M. (2017). Performace of Porous-Venturi Microbubble Generator for Aeration Process. *Journal of Energy, Mechanical, Material, and Manufacturing Engineering*.
- Badan Pusat Statistik. (2022). *Statistik Lingkungan Hidup Indonesia*. Jakarta: Badan Pusat Statistik.
- Brown, R. M., McClelland, N. I., Deininger, R. A., & Tozer, R. G. (1970). A water quality index- do we dare. *Water and Sewage Works*, pp. 339-343.
- Crini, G., & Lichfouse, E. (2019). Advantages and disadvantages of techniques used for wastewater treatment. *Environmental Chemistry Letters Vol. 17*, pp. 145-155.
- Huang, J., Sun, L., Liu, H., Mo, Z., Tang, J., Xie, G., & Du, M. (2019). A review on bubble generation and transportation in Venturi-type bubble generators. *Experimental and Computational Multiphase Flow*.
- Kaushik, G., & Chel, A. (2014). Microbubble technology: emerging field for water treatment. *Bubble Science, Engineering and Technology*, pp. 33-38.
- Kurup, N., & Naik, P. (2010). Microbubbles: a novel delivery system. *Asian Journal of Pharmaceutical Research and Health Care 2*, pp. 228-234.
- Majid, A., Nugroho, F., Juwana, W., Budhijanto, W., Deendarlianto, & Indarto. (2018). On the performance of venturi-porous pipe microbubble generator with inlet angle of 20° and outlet angle of 12°. *AIP Conference Proceedings*. American Institute of Physics.
- Omata, D., Unga, J., Suzuki, R., & Maruyama, K. (2020). Lipid-based microbubbles and ultrasound for theurapeutic application. *Advanced Drug Delivery Reviews*.
- Roshanti, F., Sidhi, S., Kamal, S., Deendarlianto, & Indarto. (2023). The Performance of Venturi Microbubble Generator Type with a 60° Twisted Baffles. *Eng. Proc.(37)*, 116.
- Sadatomi, M., Kawahara, A., Kano, K., & Ohtomo, A. (2005). Performance of a new micro-bubble generator with a spherical body in a flowing water tube.



Experimental Thermal and Fluid Science, pp. 615-623.

- Sadatomi, M., Kawahara, A., Matsuura, H., & Shikatani, S. (2012). Micro-bubble generation rate and bubble dissolution rate into water by a simple multi-fluid mixer with orifice and porous tube. *Experimental Thermal and Fluid Science*, pp. 23-30.
- Tabei, K., Haruyama, S., Yamaguchi, S., Shirai, H., & Takakusagi, F. (2007). Study of Micro Bubble Generation by a Swirl Jet. *Journal of Environment and Engineering*.
- Temesgen, T., Bui, T., Han, M., Kim, T., & Park, H. (2017). Micro and nanobubble technologies as a new horizon for water-treatment techniques: A review. *Advances in Colloid and Interface Science* 246, pp. 40-51.
- Terasaka, K., Hirabayashi, A., Nishino, T., Fujioka, S., & Kobayashi, D. (2011). Development of microbubble aerator for waste water treatment using aerobic activated sludge. *Chemical Engineering Science*, pp. 3172-3179.
- Tsuge, H. (2010). Fundamental of microbubbles and nanobubbles. *Bulletin of the Society of Sea Water Science Japan* 64, pp. 4-10.
- Wang, X., Shuai, Y., Zhou, X., Huang, Z., Yang, Y., Sun, J., . . . Yang, Y. (2020). Performance comparison of swirl-venturi bubble generator and conventional venturi bubble generator. *Chemical Engineering & Processing: Process Intensification*.