

DAFTAR PUSTAKA

- Abdilmouti H., Murai Y., Ohno Y., Yamamoto F. 2000. Measurement of Bubble Plume Generated Surface Flow Using PIV, *Journal of the Visualization Society of Japan*. Vol. 21. No. 2. Pp. 31-37.
- Budhijanto, W., Deendarlianto, Pradana, Y., & Hartono, M. (2017). Application of Microbubble Generator as Low Cost and High Efficient Aerator for Sustainable Fresh Water Fish Farming. AIP Conference Proceedings, 1840, 110008-1-110008-8.
- Brennen, C.E. (2005). *Fundamental of Multihphase flow*. Cambridge University Press.
- Fatma, R., Sigit, D.P., Samsul. K., Deendarlianto, & Indarto (2023). The Perfomance of Venturi Microbubble Generator Type with a 60⁰ Twisted Baffles. *Engineering Proceedings*.
- H. Guihong, C. Shuo, S. Shengpeng, H. Yanfang, L. Bingbing, and S. Hu. (2022). A Review and Perspective on Micro and Nanobubbles: What They Are and Why They Matter. *Minerals Engineering*.
- Hamad, F.A., Kul, P., Alessio, B., Najim, S.A., Ganesan., P.B., Hughes, D. (2023). Experimental Measurements on The Microbubble Characteristics and Dissolved Oxygen (DO) in Water Using Single and Twin-Venturi Type Microbubble Generators. *Chemical Engineering Science*.
- Heriyati, E., Rustadi, Isnansetyo, A., Triyatmo, B., Istiqomah, I., Deendarlianto, and B. Wiratni. (2021). Microbubble Aeration in A Recirculating Aquaculture System (RAS) Increased Dissolved Oxygen, Fish Culture Performance, and Stress Resistance of Red Tilapia (*Oreochromis sp.*). *Trens in Sciences*.
- Khuntia, S., Majumder, S., & Ghosh, P. (2012). Microbubble-Aided Water and Wastewater Purification:A review. *Reviews in Chemical Engineering*, 28, 191 221.

- Mandhane, J.M., Gregory, G.A. and Aziz, K.A. (1974). A Flow Pattern Map for Gas-Liquid Flow in Horizontal Pipes. *Int. J. Multiphase Flow*, 1, 537-553.
- Movahed, S.M.A., Sarmah, A.K., 2021. Global Trends and Characteristics of Nano- and Micro-Bubbles Research in Environmental Engineering Over The Past Two Decades: A Scientometric Analysis. *Sci. Total Environ.* 785.
- N. Feng, W. Hao, S. Qinglu, Z. Yanxing, S. Jun, & G. Maoqiong. (2022). Image Identification for Two-Phase Flow Patterns Based on CNN Algorithms. *International Journal of Multiphase Flow*.
- Parmar, Rajeev, and Subrata Kumar Majumder. (2013). Microbubble Generation and Microbubble-Aided Transport Process Intensification—A state-of-the Art Report. *Chemical Engineering and Processing: Process Intensification*, Volume 64, pp.79–97.
- Perez, H. (2008). Gas-Liquid Two-Phase Flow in Inclined Pipes. PhD thesis, University of Nottingham.
- R. Clift, J.R. Grace, M.E. Weber, Bubbles, Drops, and Particles, *Academic Press*, New York, 1978.
- Taitel, Y. and Dukler, A.E. (1976). A Model for Predicting Flow Regime Transitions in Horizontal and Near Horizontal Gas-Liquid Flow. *AIChE J.*, 22, 47-55.
- Taitel, Y., Lee, N., and Dukler, A. E., (1978), “Transient Gas-Liquid Flow in Horizontal Pipes: Modelling the Flow Pattern Transitions”, *AIChE Journal*, pp. 920.
- Temesgen, T., Bui, T.T., Han, M., Kim, T.I., Park, H., 2017a. Micro and Nanobubble Technologies as A New Horizon for Water-Treatment Techniques: A Review. *Adv. Colloid Interface Sci.* 246, 40–51
- W.E. Juwana, A. Widyatama, O. Dinaryanto, W. Budhijanto, Indarto, Deendarlianto, Hydrodynamic characteristics of the microbubble

dissolution in liquid using orifice type microbubble generator, *Chem. Eng. Res. Des.* 141 (2019) 436–448.

Weisman, J. (1983). Two-Phase Flow Patterns. Chapter 15 in Handbook of Fluids in Motion (eds: N.P. Cheremisinoff and R. Gupta), *Ann Arbor Science Publ.*, 409-425.