

## DAFTAR PUSAKA

- Batubara, Y., & Indah Mawarni, D. (2022). *Prosiding The 13th Industrial Research Workshop and National Seminar Bandung*.
- Deendarlianto, Wiratni, Tontowi, A. E., Indarto, & Iriawan, A. G. W. (2015). The implementation of a developed microbubble generator on the aerobic wastewater treatment. *International Journal of Technology*, 6(6), 924–930. <https://doi.org/10.14716/ijtech.v6i6.1696>
- Endra Juwana, W., Putri Afisna, L., & Martino Nugroho, F. (2017). Performance of Porous-Venturi Microbubble Generator for Aeration Process. *JEMMME*, 2(2).
- Firman, S. W., Nirmala, K., Supriyono, E., & Rochman, N. T. T. (2019). Performance evaluation of micro bubble generator on physiological response of Nile tilapia *Oreochromis niloticus* (Linnaeus, 1758) farmed at different densities in recirculating aquaculture system. *Jurnal Iktiologi Indonesia*, 19(3), 425. <https://doi.org/10.32491/jii.v19i3.504>
- Huang, J., Sun, L., Liu, H., Mo, Z., Tang, J., Xie, G., & Du, M. (2020). A review on bubble generation and transportation in Venturi-type bubble generators. In *Experimental and Computational Multiphase Flow* (Vol. 2, Issue 3, pp. 123–134). Tsinghua University Press. <https://doi.org/10.1007/s42757-019-0049-3>
- Jaiboon, O. A., Chalermssinsuwan, B., Mekasut, L., & Piumsomboon, P. (2013). Effect of flow pattern on power spectral density of pressure fluctuation in various fluidization regimes. *Powder Technology*, 233, 215–226. <https://doi.org/10.1016/j.powtec.2012.09.014>
- Lee, C. H., Choi, H., Jerng, D. W., Kim, D. E., Wongwises, S., & Ahn, H. S. (2019). Experimental investigation of microbubble generation in the venturi nozzle. *International Journal of Heat and Mass Transfer*, 136, 1127–1138. <https://doi.org/10.1016/j.ijheatmasstransfer.2019.03.040>

- Majid, A. I., Nugroho, F. M., Juwana, W. E., 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*, 2001. <https://doi.org/10.1063/1.5050000>
- Nalini, K., & Prajakta, N. (2010). Microbubbles: a novel delivery system. *Journal of Pharmaceutical Research and Health Care* 2, No. 3.
- Ohnari, H. (2002). Swirling Fine-Bubble Generator. (U.S. Patent No US 6,382,60 B1). U.S. Patent and Trademark Office.
- Parmar, R., & Majumder, S. K. (2013). Microbubble generation and microbubble-aided transport process intensification-A state-of-the-art report. In *Chemical Engineering and Processing: Process Intensification* (Vol. 64, pp. 79–97). <https://doi.org/10.1016/j.cep.2012.12.002>
- Sadatom, 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*, 29(5), 615–623. <https://doi.org/10.1016/j.expthermflusci.2004.08.006>
- Sadatom, 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*, 41, 23–30. <https://doi.org/10.1016/j.expthermflusci.2012.03.002>
- Sakamatapan, K., Mesgarpour, M., Mahian, O., Ahn, H. S., & Wongwises, S. (2021). Experimental investigation of the microbubble generation using a venturi-type bubble generator. *Case Studies in Thermal Engineering*, 27. <https://doi.org/10.1016/j.csite.2021.101238>
- Simanjuntak, S., Oktavianus Zai, E., & Tampubolon, M. H. (2021). ANALISA KEBUTUHAN AIR BERSIH DI KOTA MEDAN SUMATERA UTARA. In *Jurnal Visi Eksakta (JVIEKS)* (Vol. 2, Issue 1). <https://ejournal.uhn.ac.id/index.php/eksakta>
- TABEL, K., HARUYAMA, S., YAMAGUCHI, S., SHIRAI, H., & TAKAKUSAGI, F. (2007). Study of Micro Bubble Generation by a Swirl Jet

(Measurement of Bubble Distribution by Light Transmission and Characteristics of Generation Bubbles). *Journal of Environment and Engineering*, 2(1), 172–182. <https://doi.org/10.1299/jee.2.172>

Takahashi, M., Chiba, K., & Li, P. (2007). Free-radical generation from collapsing microbubbles in the absence of a dynamic stimulus. *Journal of Physical Chemistry B*, 111(6), 1343–1347.

<https://doi.org/10.1021/jp0669254>

Temesgen, T., Bui, T. T., Han, M., Kim, T. il, & Park, H. (2017). Micro and nanobubble technologies as a new horizon for water-treatment techniques: A review. In *Advances in Colloid and Interface Science* (Vol. 246, pp. 40–51). Elsevier B.V. <https://doi.org/10.1016/j.cis.2017.06.011>

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*, 66(14), 3172–3179.

<https://doi.org/10.1016/j.ces.2011.02.043>