

DAFTAR PUSTAKA

- Amri, K., dan Khairuman, 2003, Budi Daya Ikan Nila Secara Intensif, Agromedia Pustaka, Depok.
- Ardita, N., Budiharjo, A., dan Sari, S.L.A., 2015, Pertumbuhan dan rasio konversi pakan ikan nila (*Oreochromis niloticus*) dengan penambahan prebiotik, bioteknologi volume 12, pp16-21.
- Bird, R.B., Stewart, W.E., dan Lightfoot, E.N., 1960, Transport Phenomena, John Wiley and Sons, New York
- Boyd, C.E., 1998, Water Quality for Pond Aquaculture, Department of Fisheries and Allied Aquacultures, Auburn University, Alabama.
- Budhijanto, W., Darlianto, D., Pradana, Y.S., dan Hartono, M., 2017, Application of Micro Bubble Generator as Low Cost and High Efficient Aerator for Sustainable Fresh Water Fish Farming, AIP Conference Proceedings.
- Changjun, L., Bin, L., Shengwei, T., dan Haiguang, Z., 2010, A Theoretical Model for The Size Prediction of Single Bubble Formed Under Liquid Cross Flow, Chinese Journal of Chemical Engineering, 18(5), 770-776.
- Deendarlianto, Wiratni, Tontowi, A.E., Indarto, dan Iriawan, A.G.W., 2015, The Implementation of A Developed Microbubble Generator On The Aerobic Wastewater Treatment, International Journal of Technology.
- Edahwati, L., dan Suprihatin, 2013, Kombinasi Proses Aerasi, Adsorpsi, dan Filtrasi pada Pengolahan Air Limbah Industri Perikanan, Jurnal Ilmiah Teknik Lingkungan Vol 1 No 2.
- Effendi, H., 2003, Telaah Kualitas Air Bagi Pengolahan Sumber Daya Hayati Lingkungan Perairan, Kanisius, Yogyakarta.
- Frossling, N., 1940, Evaporation, Heat Transfer, and Velocity Distribution in Two Dimensional and Rotational Symmetric Laminar Boundary Layer Flow, NACA-TM-1432.
- Fujaya, Y., 2000, Fisiologi Ikan Dasar Pengembangan Teknik Perikanan, Rineka Cipta, Jakarta.

- Garner, F. H., dan Suckling, R. D., 1958, Mass Transfer from A Soluble Solid Sphere, *AIChE Journal*, Vol. 4.
- Gordiychuk, A., Svanera, M., Benini, S., dan Poesio, P., 2016, Size Distribution and Sauter Mean Diameter of Microbubble for a Venturi Type Bubble Generator, *Experimental Thermal and Fluid Science*, 70, 51-60.
- Griffith, R. M., 1960, Mass Transfer from Drops and Bubbles, *Chemical Engineering Science*, Vol. 12, pp. 198-213
- Herrera, L. C., 2014, The Effect of Stocking Density on Growth Rate, Survival and Yield of GIFT Tilapia (*Oreochromis niloticus*) in Cuba : Case Study Fish Farm La Juventud, United Nations University Fisheries Training Programme, Iceland.
- Hsu, N. T., Sato, K., dan Sage, B. H., 1954, Material Transfer in Turbulent Gas Streams, *Industrial & Engineering Chemistry*, Vol.46, pp.870-876
- Ishikawa, M., Irabu, K., Teruya, I., dan Nitta, M., 2009, PIV Measurement of a Contraction Flow Using Micro-Bubble Tracer, *Proc. Of JSME Annual Meeting 2008*, Aizu, Japan, pp. 288-289
- Juwana, W. E., Widyatama, A., Dinaryanto, O., Budhijanto, W., Indarto, dan Deendarlianto, 2018, Hydrodynamic Characteristics of The Microbubble Dissolution in Liquid Using Orifice Type Microbubble Generator, *Chemical Engineering Research and Design*, pp. 436-448.
- Khirani, S., Kunwapanitchakul, P., Augir, F., Guigui, C., Guiraud, P., dan Hebrard, G., 2012, Microbubble Generation Through Porous Membrane Under Aqueous or Organic Liquid Shear Flow, *Industrial & Engineering Chemistry Research*, 51, 1997-2009
- Kiiskinen, S., 1978, Comparison of Different Aerators for Diffused Aeration, Amsterdam.
- Kordi, K.M.G.H, 2005, *Pengelolaan Kualitas Air Dalam Budi Daya Perairan*, Rineka Cipta, Jakarta.
- Kukizaki, M., dan Goto, M., 2006, Size Control of Nanobubbles Generated from Shirasu Porous Glass (SPG) Membranes, *Journal Membrane Science* 281, pp.386-396.

- Lakani, F. B., Sattari, M., dan Falahatkar. B., 2013, Effect of Different Oxygen Levels on Growth Performance, Stress Response and Oxygen Consumption in 2 Weight Groups of Great Sturgeon *Huso Huso*, Iranian Journal of Fisheries Sciences vol. 12, 553-549.
- Lau, Y.M., Deen, N.G., dan Kuipers, J.A.M., 2013, Development of an image measurement technique for size distribution in dense bubbly flows. Chemical Engineering Science, Vol 94, 20-29.
- Li, P., 2006, Dissertation : Development of Advanced Water Treatment Technology Using Microbubble, Keio University.
- Liu, C., Tanaka, H., Ma, J., Zhang, L., Zhang, J., Huang, X., dan Matsuzawa, Y., 2012, Effect of Microbubble and Its Generation Process on Mixed Liquor properties of Activated Sludge Using Shirasu Porous Glass (SPG) Membrane System, Water Research Vol 46, pp. 6051-6058.
- MaineVLMP, 2014, Maximum Dissolved Oxygen Concentration Saturation Table, www.mainevlmp.org/wp-content/uploads/2014/01/Maximum-Dissolved-Oxygen-Concentration-Saturation-Table.pdf
- Majid, A.I., Nugroho, F.M., Juwana, W.E., Budhijanto, W., Deendarlianto, dan Indarto, 2018, On the Performance of Venturi-Porous Pipe Microbubble Generator with Inlet Angle of 20 and Outlet Angle of 12, AIP Conference Proceedings.
- Mallya, Y., J., 2007, The Effects of Dissolved Oxygen on Fish Growth in Aquaculture, Kingolwira National Fish Farming Centre, Fisheries Division Ministry of Natural Resources and Tourism, Tanzania.
- Mena, P., Ferreira, A., Teixeira, J.A., dan Rocha, F., 2011, Effect of Some Solid Properties on Gas-Liquid Mass Transfer in a Bubble Column, ChemEng Process : Process Intensif, pp. 181-188.
- Mudjiman, A., 2001, Makanan Ikan, Penebar Swadaya, Jakarta.
- Ohnari, H., 2001, Fisheries Experiments of cultivated shells using micro-bubbles technique, Journal of the Heat Transfer Society of Japan vol 40.

- Ohnari, H., 2002, Water Purification of Ocean Environment and Revival of Fisheries Cultivation Using Micro Bubble Technology, The 21st Symposium on Multiphase Flow, Nagoya, Japan.
- Parmar, R., dan Majumder, S.K., 2013, Micro-bubble Generation and Microbubble-aided transport intensification- A state-of-the-art report, Chemical Engineering and Process : Process Intensification Vol 64, pp.79-97.
- Rahardjo, N.P., Herlambang, A., Susanto, J.P., Indriatmoko, R.H., Said, N.I., Rahayu, S., Setiyono, Mulyanto, A., Ganepat, S.P., Marsidi, R., Prayudi, T., Wiharja, Widayat, W., Prasetyadi, Wahjono, H.D., dan Yudo, S., 2013, Teknologi Pengolahan Limbah Cair Industri, Pusat Pengkajian dan Penerapan Teknologi Lingkungan BPPT, Jakarta.
- Ranz, W. E., dan Marshall, W.R., 1952, Evaporation from Drops, Chemical Engineering Progress, Vol. 48, pp. 141-146.
- Ronald, N., Gladys, B., dan Gasper, E., 2014, The Effects of Stocking Density on the Growth and Survival of Nile Tilapia (*Oreochromis niloticus*) Fry at Son Fish Farm, Journal of Aquaculture Research & Development.
- Rowe, P. N., Partridge, B. A., Cheney, A. G., Henwood, G. A., dan Lyall, E., 1965, The Mechanism of Solids Mixing in Fluidized Bed, Transactions of the Institution of Chemical Engineers, Vol. 43, pp. 271-286.
- Saanin, H., 1968, Taksonomi dan Kunci Identifikasi Ikan, PT Bina Cipta, Bandung.
- Sadatom, M., Kawahara, A., Kano, K., dan Ohtomo, A., 2005, Performance of New Micro-bubble Generator with a Spherical Body in a Flowing Water Tube, Experimental Thermal and Fluid Science Vol 29, pp. 615-623.
- Sadatom, M., Kawahara, A., Matsuura, H., dan 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 Vol 41, pp. 23-30.
- Salmin, 2000, Kadar Oksigen Terlarut di Perairan Sungai Dadap, Goba, Muara.
- Santoso, B., 1996, Budi Daya Ikan Nila, Kanisius, Yogyakarta.
- Sing, G. L., 1976, Computer Model : Mass Transfer from Single Rising Gas Bubbles in Water, Oregon State University.

Sitanggang, M., dan Sarwono, B., 2001, Budi Daya Gurami, Penebar Swadaya, Jakarta.

Susanto, 1991, Membuat Kolam Ikan, Penebar Swadaya, Jakarta.

Susanto. H., 2000, Budi Daya Ikan di Pekarangan, Penebar Swadaya, Jakarta.

Yoon, R.H., Adel, G.T., dan Luttrell G.H., 1991, Process and Apparatus for Separating Fine Particle by micro-bubble Flotation Together with a Process and Apparatus for Generation of Micro-bubbles, US Patent, US4981582.