

DAFTAR PUSTAKA

- Azad, M.A.K. dan Syeda, Sultana R., 2006, “*A Numerical Model for Bubble Size Distribution in Turbulent Gas-Liquid Dispersion*”, *Journal of Chemical Engineering*, 24, 25 – 34.
- Gordiychuk, Andriy., Svanera, Michele., Benini, Sergio., Poesio, Pietro., 2016, “*Size Distribution and Sauter Mean Diameter of Microbubbles for A Venturi Type Bubble Generator*”, *Experimental Thermal and Fluid Science*, 70, 51 – 60.
- Honkanen, Markus., Eloranta, Hannu., Saarenrinne, Pentti., 2010. “*Digital Imaging Measurement of Dense Multiphase Flows in Industrial Processes*”, *Flow Measurement and Instrumentation*, 21, 25 – 32.
- Jahedsaravani, A., Massinaei, M., Marhaban, M.H., 2017. “*An Image Segmentation Algorithm for Measurement of Flotation Froth Bubble Size Distributions*”, *Measurement*, 111, 29 – 37.
- Khirani, Sarah., Kunwapanitchakul, Papitchaya., Augier, Frederic., Guigui, Christelle., Guiraud, Pascal., Hebrard, Gilles., 2012, “*Microbubble Generation through Porous Membrane under Aqueous or Organic Liquid Shear Flow*”, *Industrial & Engineering Chemistry Research*, 51, 1997 – 2009.
- Lau, Y.M., Dee, N.G., Kuiper, J.A.M., 2013, “*Development of an Image Measurement Technique for Size Distribution in Dense Bubble Flow*”, *Chemical Engineering Science*, 94, 20 – 29.
- Lecofree, Y., Domene M., Marcoz, J., 1985, “*Micro-bubble Injector*”, US Patent, US4556523.
- Loubiere, Karine., Castaignede, Vincent., Hebrard, Gilles., Roustan, Mitchel., 2004, “*Bubble Formation at A Flexible Orifice with Liquid Cross-Flow*”, *Chemical Engineering and Processing*, 43, 717 – 725.

- Murinto., Harjoko, Agus., 2009, “Segmentasi Citra Menggunakan *Watershed* dan Intensitas *Filtering* Sebagai *Pre Processing*”, Seminar Nasional Informatika 2009, ISSN: 1979-2328.
- Parmar, Rajeev., Majumder, Subrata Kumar., 2013, “*Microbubble Generation and Microbubble – Aided Transport Process Intensification*”, Chemical Engineering and Processing: Process Intensification, 64, 79 – 97.
- Rajasulochana, P., Preethy, V., 2016, “*Comparison on Efficiency of Various Techniques in Treatment of Waste and Sewage Water – A Comprehensive Review*”, Resource-Efficient Technologies 2, 175 – 184.
- Rodrigues, Rafael Teixeira., Rubio, Jorge., 2007, “*DAF – Dissolved Air Flotation: Potential Applications in The Mining and Mineral Processing Industry*”, International Journal of Mineral Processing, 82, 1 – 13.
- Sadatom, M., Kawahara, A., Kano, K., and Ohtomo, A., 2005, “*Performance of New Micro-Bubble Generator With A Spherical Body in Flowing Water Tube*”, Experimental Thermal and Fluid Science, 29, 615 – 623.
- Sadatom, M., Kawahara, A., Matsuura, H., Shikatani, S., 2012, “*Microbubble 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.
- 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, 2(1), 172 – 182.
- Temesgen, Tatek., Bhuy, Thui., Han, Mooyoung., Kim, Tschung-il., Park, Hyunju., 2017. “*Micro and Nanobubble Technologies As A New Horizon For Water-Treatment Techniques: A Review*”. Advances in Colloid and Interface Science, 40-51.
- Terasaka, K., Hirabayashi, A., Nishino, T., Fujioka, S., and Kobayashi, D., 2011, “*Development of Microbubble Aerator for Waste Water Treatment Using Aerobic Activated Sludge*”, Chemical Engineering Science, 66: 3172-3179.

Westaway, C. R., and Loomis, A. W., 1984, “*Cameron Hydraulic Data*”, 6th Ed.,
Ingersoll-Rand Company, USA.

White, Frank M., 1999, “*Fluid Mechanics*”, 4th Ed., WCB McGraw-Hill, Boston.

White, Frank M., 2011, “*Fluid Mechanics*”, New York: Mc Graw Hill.

Yoon, S., Roe-Hoen, Adel, G.T., Luttrell, G.H., 1991, “*Process and Apparatus For
Separating Fine Particle by Micro-Bubble Flootation Together with a
Process and Apparatus for Generation of Microbubble*”, US Patent,
US4981582.

Yoon, Roe-Hoen., 1993, “*Microbubble Flootation*”. *Minerals Engineering*, 6(6), 619 –
630.