

DAFTAR PUSTAKA

- Arie Setiawan, F., Panthron, H., Alfredo, D., dan Perdana, I., 2015. 'Mitigation of Silica Scaling from Dieng's Geothermal Brines using $\text{Ca}(\text{OH})_2$ '.
- Bradley, D., 1965. *The Hydrocyclone*. Pergamon Press, Oxford; New York.
- Castilho, L.R. dan Medronho, R.A., 2000. A simple procedure for design and performance prediction of Bradley and Rietema hydrocyclones. *Minerals Engineering*, **13**: 183–191.
- Çengel, Y.A., 2010. *Fluid Mechanics*. Tata McGraw Hill Education Private.
- DiPippo, R., 2015. *Geothermal Power Plants: Principles, Applications, Case Studies and Environmental Impact: Fourth Edition*.
- Glassley, W.E., 2014. *Geothermal Energy: Renewable Energy and the Environment, Second Edition*. CRC Press.
- Haddadi, M.M., Hosseini, S.H., Rashtchian, D., dan Ahmadi, G., 2020a. CFD modeling of immiscible liquids turbulent dispersion in Kenics static mixers: Focusing on droplet behavior. *Chinese Journal of Chemical Engineering*, **28**: 348–361.
- Haddadi, M.M., Hosseini, S.H., Rashtchian, D., dan Olazar, M., 2020b. Comparative analysis of different static mixers performance by CFD technique: An innovative mixer. *Chinese Journal of Chemical Engineering*, **28**: 672–684.
- Hoffmann, A.C. dan Stein, L.E., 2002. *Gas Cyclones and Swirl Tubes: Principles, Design, and Operation*. Springer Science & Business Media.
- Hsieh, K.-T., 1988. *Phenomenological Model of the Hydrocyclone*. Department of Metallurgy and Metallurgical Engineering, University of Utah.
- Ji, L., Paul, P., Shanbhag, B.K., Dixon, I., Kuang, S., dan He, L., 2023. Emerging application of hydrocyclone in biotechnology and food processing. *Separation and Purification Technology*, **309**: 122992.
- Jiang, X., Xiao, Z., Jiang, J., Yang, X.-X., dan Wang, R., 2021. Effect of element thickness on the pressure drop in the Kenics static mixer. *Chemical Engineering Journal*, **424**: 130399.
- Jing, J., Zhang, S., Qin, M., Luo, J., Shan, Y., Cheng, Y., dkk., 2021. Numerical simulation study of offshore heavy oil desanding by hydrocyclones. *Separation and Purification Technology*, **258**: 118051.
- Khasani dan Febiatmoko, A.W.L., 2020. Numerical simulation on the separation process of liquid-solid two-phase flow in the hydrocyclone separator applicable in geothermal power plant. *AIP Conference Proceedings*, **2248**: 060005.
- Lv, X., Xiang, L., Wang, T., dan Du, S., 2023. Numerical simulation and experimental validation for investigating the novel hydraulic barrier-

- hydrocyclone in industrial beneficiation process. *Journal of Industrial and Engineering Chemistry*, **117**: 282–297.
- Massachusetts Institute of Technology (Editor), 2006. *The Future of Geothermal Energy: Impact of Enhanced Geothermal Systems (EGS) on the United States in the 21st Century: An Assessment*. Massachusetts Institute of Technology, Cambridge, Mass.
- Nelson, V.C., 2011. *Introduction to Renewable Energy*, 1st edition. ed. CRC Press, Boca Raton, FL.
- Nugroho, A., 2011. 'Optimization of Electrical Power Production from High-Temperature Geothermal Fields with Respect to Silica Scaling Problems', .
- Oumer, A.N., Hasan, M.M., Baheta, A.T., Mamat, R., dan Abdullah, A.A., 2018. Bio-based liquid fuels as a source of renewable energy: A review. *Renewable and Sustainable Energy Reviews*, **88**: 82–98.
- Pambudi, N., Itoi, R., Jalilinasraby, S., dan Jaelani, K., 2015. 'Performance Improvement of Single-Flash Geothermal Power Plant Applying Three Cases Development Scenarios Using Thermodynamic Methods', .
- Pambudi, N.A., Itoi, R., Yamashiro, R., CSS Syah Alam, B.Y., Tusara, L., Jalilinasraby, S., dkk., 2015. The behavior of silica in geothermal brine from Dieng geothermal power plant, Indonesia. *Geothermics*, **54**: 109–114.
- Song, H.-S. dan Han, S.P., 2005. A general correlation for pressure drop in a Kenics static mixer. *Chemical Engineering Science*, **60**: 5696–5704.
- Svarovsky, L. (Editor), 1977. *Solid-Liquid Separation*, Chemical engineering series. Butterworths, London ; Boston.
- Thakur, R., Vial, C., Nigam, K.D.P., Nauman, E.B., dan Djelveh, G., 2003. Static Mixers in the Process Industries—A Review. *Chemical Engineering Research and Design*, **81**: 787–826.
- Tuakia, F., 2008. *Dasaasar-dasar CFD menggunakan fluent*. Informatika Bandung.
- Vakamalla, T.R. dan Mangadoddy, N., 2017. Numerical simulation of industrial hydrocyclones performance: Role of turbulence modelling. *Separation and Purification Technology*, **176**: 23–39.
- Vega-Garcia, D., Cilliers, J.J., dan Brito-Parada, P.R., 2020. CFD modelling of particle classification in mini-hydrocyclones. *Separation and Purification Technology*, **251**: 117253.
- Versteeg, H. dan Malalasekera, W., 2007. *An Introduction to Computational Fluid Dynamics: The Finite Volume Method*, 2nd edition. ed. Pearson, Harlow, England ; New York.
- Wahyudityo, R., Harto, A.W., dan Suryoprato, K., 2013. Analisis Scaling Silika pada Pipa Injeksi Brine di Lapangan Panas Bumi Dieng dengan Studi Kasus di PT. Geo Dipa Energi. *Teknofisika*, **2**: 7–14.
- Yilmaz, F., Ozturk, M., dan Selbas, R., 2021. Modeling and design of the new combined double-flash and binary geothermal power plant for multigeneration purposes; thermodynamic analysis. *International Journal of Hydrogen Energy*, .