

DAFTAR PUSTAKA

- Al-Amri, F., dkk. (2022). Innovative technique for achieving uniform temperatures across solar panels using heat pipes and liquid immersion cooling in the harsh climate in the Kingdom of Saudi Arabia. *Alexandria Eng. J.*, 61 (2), 1413–1424.
- Asadi, M., Xie, G., & Sunden, B. (2014). A review of heat transfer and pressure drop characteristics of single and two-phase microchannels. *Int. J. Heat Mass Transfer*, 79, 34–53.
- Bergman, T. L., & Lavine, A. S. (2017). *FUNDAMENTALS OF HEAT and MASS TRANSFER*. John Wiley & Sons, Inc (Vol. 4, Nomor 1).
- Cengel, Y. A. (2011). *Heat and Mass Transfer: Fundamentals and Application* (5th ed.). McGraw-Hill Professional.
- Chemisana, D., Fernandez, E.F., Riverola, A., & Moreno, A. (2018). Fluid-based spectrally selective filters for direct immersed PVT solar systems in building applications. *Renew. Energy*, 123, 263–272.
- Chen, P., Harmand, S., & Ouenzerfi, S. (2020). Immersion cooling effect of dielectric liquid and self-rewetting fluid on smooth and porous surface. *Appl. Therm. Eng.*, 180, 11586.
- Elliott, J. W., Lebon, M. T., dan Robinson, A. J. (2022). Optimising integrated heat spreaders with distributed heat transfer coefficients: a case study for CPU cooling. *Case Stud. Therm. Eng.*, 38, 102354.
- Febriyanto, R., Pranoto, I., Ariyadi, H. M., & Khasani. (2023). Thermal performance of serpentine channel immersion cooling for lithium-ion battery 18650 with HFE-7100. *IOP Conference Series: Earth and Environmental Science*.

- Ferry, R. (2021). Analisis Kekuatan Dielektik Minyak Campuran Metil Ester Bunga Matahari Sebagai Isolasi Cair pada Transformator. Medan: Universitas Sumatera Utara.
- Gajjar, K., & Huang, H. (2023). Conjugate heat transfer for single phase immersion cooling of CPU. *Case Studies in Thermal Engineering*, 52, 103728.
- Geng, H. (2015). *Data Center Handbook*. New Jersey: John Wiley & Sons, Inc.
- Habbeeb, M. G., Yaseem, A. H., dan Hussien, A. M. (2024). Impact of surfactant on Al_2O_3 /water nanofluids stability for cooling the central processing unit of computer. *Case Studies in Thermal Engineering*, 54, 104094.
- Hnayno, M., Chehade, A., Klabi, H., Polidori, G., Maalouf, C. (2023). Experimental investigation of a data-centre cooling system using a new single-phase immersion/liquid technique. *Case Studies in Thermal Engineering*, 45, 102925.
- Jae-Min, K., Young, K., & Sung, C. (2015). Stabilizing CPU Frequency and Voltage for Temperature-Aware DVFS in Mobile Devices. *Computers, IEEE Transactions on*. 64. 286-292.
- Kadam, S. T. & Kumar, R. (2014). Twenty first century cooling solution: microchannel heat sinks. *Int. J. Therm. Sci.*, 85, 73–92.
- Kanbur, B. B., Wu, C., Fan, S., & Duan, F. (2021). System-level experimental investigations of the direct immersion cooling data center units with thermodynamic and thermoeconomic assessments. *Energy*, 217, 119373.
- Kheirabadi, A. C. dan Groulx, D. (2016). Cooling of server electronics: A design review of existing technology. *Applied Thermal Engineering*, 105, 622-638.
- Koot, M., dan Wijnhoven, F. (2021). Usage impact on data center electricity needs: a system dynamic forecasting model. *Appl. Energy* 291, 116798.

- Lee, Y. J., Singh, P. K., & Lee, P. S. (2015). Fluid flow and heat transfer investigations on enhanced microchannel heat sink using oblique fins with parametric study. *Int. J. Heat Mass Transfer*, 81, 325–336.
- Luo, Q., Wang, C., Wen, H., & Liu, L. (2022) Research and optimization of thermophysical properties of sic oil-based nanofluids for data center immersion cooling. *Int. Commun. Heat Mass Transf.*, 131, 105863.
- Mihailović, M., Milovančević, U., Genić, S., Jaćimović, B., Otović, M., dan Kolendić, P. (2019). Air Side Heat Transfer Coefficient in Plate Finned Tube Heat Exchangers. *Experimental Heat Transfer*, 33: 288-399.
- Mohammed, F. M. N., Jenkins, R., Byrne, G., & Robinson, A. J. (2023). Closed loop liquid cooling of high-powered CPUs: A case study on cooling performance and energy optimization. *Case Studies in Thermal Engineering*, 50, 103472.
- Moore, A. L. & Shi, L. (2014). Emerging challenges and materials for thermal management of electronics. *Mater. Today*, 17, 163–174.
- Muneeshwaran, M., Lin, Y., & Wang, C. (2023). Performance analysis of single-phase immersion cooling system of data center using FC-40 dielectric fluid. *International Communications in Heat and Mass Transfer*, 145, 106843.
- Munson, B. R., Young, D. F., & Okiishi, T. H. (2002). *Fundamentals of Fluid Mechanics 4th Edition* (4th ed.). John Wiley & Sons, Inc.
- Nadjahi, C., Louahlia, H., & Lemasson, S. (2018) A review of thermal management and innovative cooling strategies for data center. *Sustain Comput. Informatics Syst.*, 19, 14–28.
- Pambudi, N. A., Sarifudin, A., Firdaus R. A., Ulfa, D. K., Gandidi, I. M., & Romadhon R. (2022). The immersion cooling technology: Current and future development in energy saving. *Alexandria Engineering Journal*, 61, 9509-9527

- Pambudi, N. A., Yusuf, A. M., & Sarifudin, A. (2021). The Use of Single-Phase Immersion Cooling by Using Two Types of Dielectric Fluid for Data Center Energy Savings. *Energy Engineering*, 119, 275-286.
- Paolo, T., Joaquim, R., Jon, S., Jonas, G., Ingrid, M., & Jaume S. (2023). Experimental and numerical analysis of the thermal behaviour of a single-phase immersion-cooled data centre. *Applied Thermal Engineering*, 234, 121260.
- Shinde, P. A., dkk. (2019). Experimental Analysis for Optimization of Thermal Performance of a Server in Single Phase Immersion Cooling. *ASME 2019 Int. Tech. Conf. Exhib. Packag. Integr. Electron. Photonic Microsystems, InterPACK 2019*.
- Xia, G., Cao, L., & Bi, G. (2017). A review on battery thermal management in electric vehicle application. *J. Power Sources*, 367, 90–105.
- Zhou, H., Dai, C., Liu, Y., Fu, X., & Du, Y. (2020). Experimental investigation of battery thermal management and safety with heat pipe and immersion phase change liquid. *J. Power Sources*, 473, 228545.