

DAFTAR PUSTAKA

- 3M. 2016. Heat transfer application 3M TM Fluorinert TM Electronic Fluids. 7(2), 10016.
- Byon, C., Choi, S., dan Kim, S.J. 2013. Critical Heat Flux of Bi-porous Sintered Copper Coatings in FC-72. *International Journal of Heat and Mass Transfer*. 65, 655–661.
- Cao, Z., Liu, B., Preger, C., Wua, Z., Zhang, Y., Wang, X., Maria, E., Deppert, K., Wei, J., dan Sundén, B. 2018. Pool Boiling Heat Transfer of FC-72 on Pin-Fin Silicon Surfaces with Nanoparticle Deposition. *International Journal of Heat and Mass Transfer*. 126, 1019-1033.
- Cengel, Y., dan Heat, T. M. 2003. *A practical approach*. Mc-Graw Hill Education, Columbus, GA, USA.
- Chu, K.H., Enright, R., dan Wang, E.N. 2012. Structured surfaces for enhanced pool boiling heat transfer. *Applied Physic Letters*. 100, 241603.
- Cooke, D., dan Kandlikar, S.G. 2012. Effect of Open Microchannel Geometry on Pool Boiling Enhancement. *International Journal of Heat Mass and Transfer*. 55, 1004–1013.
- Carlson, T., Heirman, T., dan Eeckhout, L.S. 2011. Sniper: Exploring the Level of Abstraction for Scalable and Accurate Parallel Multi-Core Simulation. *SC'11: Proceedings of 2011 International Conference for High Performance Computing, Networking, Storage and Analysis*. 52, 1-12.
- Delendik, K., Kolyago, N., dan Voitik, O. 2019. Design of Cooling System for High-Power LED Luminaire. *AIP Conference Proceedings 2116*. 30020.
- Dehshali, M.E, Barzanji, S.Z.N, dan Fard, A.H. 2018. Pool boiling heat transfer enhancement by twisted-tape fins. *Applied Thermal Engineering*. 135, 170–177.
- Gandikota, V., Jones, G.F., dan Fleischer, A.S. 2010. Thermal performance of a carbon fiber composite material heat sink in an FC-72 thermosyphon. *Experimental Thermal and Fluid Science*. 34, 554–561.

- Ho, J. Y., Wong, K. K., dan Leong, K. C. 2016. Saturated pool boiling of FC-72 from enhanced surfaces produced by selective laser melting. *International Journal of Heat and Mass Transfer*. 99, 107-121.
- Incropera, F.P., DeWitt, D.P., Bergman, T.L., dan Lavine, A.S., 2011, . *Fundamentals of Heat and Mass Transfer*.6.
- Khooshehchin, M., Mohammadidoust, A., dan Ghotbinasab, S. 2020. An optimization study on heat transfer of pool boiling exposed ultrasonic waves and particles. *International Communications in Heat and Mass Transfer*. 114, 104558.
- Kutateladze, S.S. 1959. Heat transfer in condensation and boiling (2nd ed). *AEC-tr-3770, Physics and Mathematic*.
- Lee, H. 2010. Thermal Design: Heat Sinks, Thermoelectrics, Heat Pipes, Compact Heat Exchangers, and Solar Cells. Inc. Hoboken NJ USA.
- Liang, G., dan Mudawar, I. (2018). Pool boiling critical heat flux (CHF)–Part 1: Review of mechanisms, models, and correlations. *International Journal of Heat and Mass Transfer*. 117, 1352-1367
- Misale, M., Gugliemini, G., Priarone, A. 2011. Nucleate boiling and critical heat flux of HFE-7100 in horizontal narrow space. *Experimental Thermal and Fluid Science*. 35, 772-779.
- Mori, S., dan Utaka, Y. 2017. Critical heat flux enhancement by surface modification in a saturated pool boiling: A review. *International Journal of Heat and Mass Transfer*. 108, 2534-2557.
- Mudawar. 1992. Direct Immersion Cooling for High Power Electronic Chips. *Proceedings of Intersociety Conference on Thermal Phenomena*. 74–84.
- Muhuri, P.K., Shukla, A.K., dan Abraham, A. 2019. Industry 4.0: A bibliometric analysis and detailed overview. *Engineering Applications of Artificial Intelligence*. 78, 218-235.
- Murshed, S.M.S., dan Castro, C.A.N. 2017. A critical review of traditional and emerging techniques and fluids for electronics cooling. *Renewable and Sustainable Energy Reviews*. 78, 821-833.

- Pamungkas, P.A.B. 2020. Skripsi: Rancang Bangun dan Pengujian Fasilitas Eksperimen Pool Boiling untuk Sistem Pendinginan Dua Fasa. Yogyakarta (ID): Universitas Gadjah Mada.
- Parker, J.L., dan El-Genk, M.S. 2005. Enhanced saturation and subcooled boiling of FC-72 dielectric liquid. *International Journal of Heat and Mass Transfer*. 48, 3736 – 3752.
- Pastuszko, R., Kaniowska, R., dan Wójcikb, T.M. 2019. Comparison of Pool Boiling Performance for Plain Micro-fins and Micro-fins with a Porous Layer. *Applied Thermal Engineering*. 166, 114658.
- Pranoto, I., Leong, K. C., dan Jin, L. W. 2012. The role of graphite foam pore structure on saturated pool boiling enhancement. *Applied Thermal Engineering*. 42, 163-172.
- Reddy, S. R., Ebadian, M. A., dan Lin, C. X. 2015. A review of PV–T systems: Thermal management and efficiency with single phase cooling. *International Journal of Heat and Mass Transfer*. 9, 861-871.
- Rohsenow, W. M. 1951. A method of correlating heat transfer data for surface boiling of liquids. *Cambridge, Mass: MIT Division of Industrial Cooperation*.
- Shende, M.D., dan Mahalle, Dr. A. 2013. Cooling of Electronic Equipment with Heat Sink: A Review of Literature. *IOSR Journal of Mechanical and Civil Engineering*. 5, 2278-1684.
- Quan, X., Dong, P., dan Cheng, P. 2014. A CHF model for saturated pool boiling on a heated surface with micro/ nano-scale structures *Int. J. Heat Mass Transfer*. 76. 452–458.
- Zhang, Y., Zhou, J., Zhou, W., Qi, B., dan Wei, J. 2018. CHF correlation of boiling in FC-72 with micro-pin-fins for electronics cooling. *Applied Thermal Engineering*. 138, 494-500.
- Zhou, J., Qi, B., dan Wei, J. 2019. Critical heat flux on heterogeneous fractal surfaces with micro-pin-fins in pool boiling Part I: The effects of distribution and subcooling. *International Journal of Heat and Mass Transfer*. 136. 1338–1348.

- Zhou, J., Qi B., Zhang, Y., Wei, J., Yang, Y., Cao, Q. 2020. Experimental and theoretical study of bubble coalescence and departure behaviors during nucleate pool boiling on uniform smooth and micro-pin-finned Surfaces Under Different Subcoolings and Heat Fluxes. *Experimental Thermal and Fluid Science*. 112, 109996.
- Zhou, J., Zhang, Y., dan Wei, J. 2018. A modified bubble dynamics model for predicting bubble departure diameter on micro-pin-finned surfaces under microgravity. *Applied Thermal Engineering*. 132, 450-462.
- Zuber, N. 1959. Hydrodynamics Aspects of Boiling Heat Transfer. *Atomic Energy Commission Report AECU*. 4439.