



DAFTAR PUSTAKA

- Ali, A., Saeed, M., & Kim, M. (2021). International Journal of Heat and Mass Transfer Performance enhancement in minichannel heat sinks using supercritical carbon dioxide (sCO₂) as a coolant. *International Journal of Heat and Mass Transfer*, 177, 121539.
- Alihosseini, Y., Zabetian Targhi, M., Heyhat, M. M., & Ghorbani, N. (2020). Effect of a micro heat sink geometric design on thermo-hydraulic performance: A review. *Applied Thermal Engineering*, 170(September 2019), 114974.
- Alshaer, W. G., Rady, M. A., Nada, S. A., Palomo Del Barrio, E., & Sommier, A. (2017). An experimental investigation of using carbon foam–PCM–MWCNTs composite materials for thermal management of electronic devices under pulsed power modes. *Heat and Mass Transfer/Waerme- Und Stoffuebertragung*, 53(2), 569–579.
- Calvar, N., & Go, E. (2007). Density , dynamic viscosity , and derived properties of binary mixtures of methanol or ethanol with water , ethyl acetate , and methyl acetate at. 39, 1578–1588.
- Deng, T., Ran, Y., Zhang, G., Chen, X., & Tong, Y. (2019). International Journal of Heat and Mass Transfer Design optimization of bifurcating mini-channels cooling plate for rectangular Li-ion battery. 139, 963–973.
- Deng, T., Zhang, G., & Ran, Y. (2018). International Journal of Heat and Mass Transfer Study on thermal management of rectangular Li-ion battery with serpentine-channel cold plate. *International Journal of Heat and Mass Transfer*, 125, 143–152.
- Deng, T., Zhang, G., Ran, Y., & Liu, P. (2019). Thermal performance of lithium ion battery pack by using cold plate. *Applied Thermal Engineering*, 160(66), 114088.
- Gorzin, M., Ranjbar, A. A., & Hosseini, M. J. (2022). Experimental and numerical investigation on thermal and hydraulic performance of novel serpentine minichannel heat sink for liquid CPU cooling. *Energy Reports*, 8,



3375–3385.

- Huo, Y., Rao, Z., Liu, X., & Zhao, J. (2015). Investigation of power battery thermal management by using mini-channel cold plate. *Energy Conversion and Management*, 89, 387–395.
- Li, Y., Guo, H., Qi, F., Guo, Z., Li, M., & Bertling, L. (2021). Investigation on liquid cold plate thermal management system with heat pipes for LiFePO 4 battery pack in electric vehicles. *Applied Thermal Engineering*, 185(May 2020), 116382.
- Liu, H., Cai, C., Yin, H., Luo, J., Jia, M., & Gao, J. (2018). International Journal of Thermal Sciences Experimental investigation on heat transfer of spray cooling with the mixture of ethanol and water. *International Journal of Thermal Sciences*, 133(July), 62–68.
- Mohammad, H., Sameer, N., & Abdulnabi, A. (2023). International Journal of Thermal Sciences Performance enhancement of a novel serpentine channel cooled plate used for cooling of Li-ion battery module. *International Journal of Thermal Sciences*, 184, 107955.
- Monika, K., & Datta, S. P. (2022). Comparative assessment among several channel designs with constant volume for cooling of pouch-type battery module. *Energy Conversion and Management*, 251(October 2021), 114936.
- Osman, O. S., El-Zoheiry, R. M., Elsharnoby, M., & Nada, S. A. (2021). Performance enhancement and comprehensive experimental comparative study of cold plate cooling of electronic servers using different configurations of mini-channels flow. *Alexandria Engineering Journal*, 60(5), 4451–4459.
- Pranoto, I., Yunus, Y., Alfath, M. F., Universitas Gadjah Mada. (2022). *Pengembangan Fasilitas Pengujian Serpentine Minichannel Cold Plate Sebagai Sistem Pendinginan Fluks Kalor Tinggi luarbiasa*. 83–93.
- Ricardo, J., Oliveira, F., Roberto, L., Lucena, R. De, & Carlo, M. C. M. (2020). Uncertainty Quantification Through use of the Monte Carlo Method in a One - Dimensional Heat Conduction Experiment Joint Committee for Guides in Metrology. *International Journal of Thermophysics*, 41(10), 1–19.



- Tian, X. W., Wang, W., Li, P., Sun, C., Wang, C. S., Qian, S. H., & Wang, M. (2023). Free-shape modeling and optimization for cold plates with tree-like channels. *International Journal of Mechanical Sciences*, 245(October 2022), 108076.
- Tinggi, F. K. (2021). Universitas Gadjah Mada. (2021). *Skripsi pembuatan dan pengujian fasilitas eksperimen*.
- Vasileiadou, P., Sefiane, K., Karayiannis, T. G., & Christy, J. R. E. (2017). Flow boiling of ethanol / water binary mixture in a square mini-channel. *Applied Thermal Engineering*, 127, 1617–1626.
- Wu, W., Wang, S., Wu, W., Chen, K., Hong, S., & Lai, Y. (2019). A critical review of battery thermal performance and liquid based battery thermal management. *Energy Conversion and Management*, 182(September 2018), 262–281.
- Yunus, Y. (2022). *Studi Eksperimental Thermal Performance dan Pressure Drop pada Serpentine Mini Channel Cold Plate dengan Fluida Kerja Air*. 2–3.
- Zhang, F., He, Y., Wang, C., Liang, B., Zhu, Y., Gou, H., Xiao, K., & Lu, F. (2023). A new type of liquid-cooled channel thermal characteristics analysis and optimization based on the optimal characteristics of 24 types of channels. *International Journal of Heat and Mass Transfer*, 202.
- Zhang, Y., Zuo, W., E, J., Li, J., Li, Q., Sun, K., Zhou, K., & Zhang, G. (2022). Performance comparison between straight channel cold plate and inclined channel cold plate for thermal management of a prismatic LiFePO₄ battery. *Energy*, 248, 123637.
- Zuo, W., Zhang, Y., Jiaqiang, E., Li, J., Li, Q., & Zhang, G. (2022). Performance comparison between single S-channel and double S- channel cold plate for thermal management of a prismatic LiFePO₄ battery. *Renewable Energy*, 192, 46–57.