

DAFTAR PUSTAKA

- Arani, A.A.A., Akbari, O.A., Safaei, M.R., Marzban, A., Alrashed, A.A.A.A., Ahmadi, G.R., Nguyen, T.K., 2017. Heat Transfer Improvement of Water/Single-Wall Carbon Nanotubes (SWCNT) Nanofluid in a Novel Design of a Truncated Double-Layered Microchannel Heat Sink. *International Journal of Heat and Mass Transfer* 113, 780–795.
- Bahiraee, M., Heshmatian, S., 2018. Electronics cooling with nanofluids: A critical review. *Energy Conversion and Management* 172, 438–456.
- Cengel, Y.A., Boles, M. A., 2015. Thermodynamics An Engineering Approach, 8th ed. *McGraw Hill Education*, New York.
- Cengel, Y.A., Cimbala, J.M., 2014. Fluid Mechanics: Fundamentals and Applications, Third edition. *McGraw Hill Education*, New York..
- Cengel, Y.A., Ghajar, A.J., 2015. Heat and mass transfer: fundamentals & applications, Fifth edition. *McGraw Hill Education*, New York.
- Deng, T., Zhang, G., Ran, Y., Liu, P., 2019. Thermal performance of lithium ion battery pack by using cold plate. *Applied Thermal Engineering* 160, 114088.
- Dixit, T., Ghosh, I., 2015. Review of micro- and mini-channel heat sinks and heat exchangers for single phase fluids. *Renewable and Sustainable Energy Reviews* 41, 1298–1311.
- Ho, J.Y., Leong, K.C., 2017. Cylindrical porous inserts for enhancing the thermal and hydraulic performance of water-cooled cold plates. *Applied Thermal Engineering* 121, 863–878.
- 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.
- Incropera, F. P., Dewitt, D. P., Bergman, T. L., dan Lavine, A. S., 2011. Fundamentals of Heat And Mass Transfer, 7th ed. Wiley, Hoboken, New Jersey.
- Jiaqiang, E., Xu, S., Deng, Y., Zhu, H., Zuo, W., Wang, H., Chen, J., Peng, Q., Zhang, Z., 2018. Investigation on thermal performance and pressure loss of the fluid cold-plate used in thermal management system of the battery pack. *Applied Thermal Engineering* 145, 552–568.
- Li, X., Zhou, D., Zhang, G., Wang, C., Lin, R., Zhong, Z., 2019. Experimental investigation of the thermal performance of silicon cold plate for battery thermal management system. *Applied Thermal Engineering* 155, 331–340.

- Liu, H., Chika, E., Zhao, J., 2018. Investigation into the effectiveness of nanofluids on the mini-channel thermal management for high power lithium ion battery. *Applied Thermal Engineering* 142, 511–523.
- Luo, X., Mao, Z., 2012. Thermal modeling and design for microchannel cold plate with high temperature uniformity subjected to multiple heat sources. *International Communications in Heat and Mass Transfer* 39, 781–785.
- Marković, S., Jaćimović, B., Genić, S., Mihailović, M., Milovančević, U., Otović, M., 2019. Air side pressure drop in plate finned tube heat exchangers. *International Journal of Refrigeration* 99, 24–29.
- Mihailović, M., Milovančević, U., Genić, S., Jaćimović, B., Otović, M., Kolendić, P., 2020. Air side heat transfer coefficient in plate finned tube heat exchangers. *Experimental Heat Transfer* 33, 388–399.
- Monika, K., Chakraborty, C., Roy, S., Dinda, S., Singh, S.A., Datta, S.P., 2021. Parametric investigation to optimize the thermal management of pouch type lithium-ion batteries with mini-channel cold plates. *International Journal of Heat and Mass Transfer* 164, 120568.
- Mudawar, I., 2000. Assessment of high-heat-flux thermal management schemes. *The Seventh Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems*, IEEE, Las Vegas, NV, USA, pp. 1–20.
- Munir, F. A. 2020. Perancangan Fasilitas Pengujian Liquid Cold Plate Sebagai Sistem Pendinginan Pada Fluks Kalor Tinggi. Skripsi. FT, Teknik Mesin, Universitas Gadjah Mada, Yogyakarta.
- Okonkwo, U.C., Okokpujie, I.P., Sinebe, J.E., Ezugwu, C.A.K., 2015. Comparative analysis of aluminium surface roughness in end-milling under dry and minimum quantity lubrication (MQL) conditions. *Manufacturing Rev.* 2, 30.
- Om, N.I., Zulkifli, R., Gunnasegaran, P., 2018. Influence of the oblique fin arrangement on the fluid flow and thermal performance of liquid cold plate. *Case Studies in Thermal Engineering* 12, 717–727.
- Otović, M., Mihailović, M., Genić, S., Jaćimović, B., Milovančević, U., Marković, S., 2018. Reconsideration of data and correlations for plate finned-tube heat exchangers. *Heat Mass Transfer* 54, 2987–2994.
- Panchal, S., Khasow, R., Dincer, I., Agelin-Chaab, M., Fraser, R., Fowler, M., 2017. Thermal design and simulation of mini-channel cold plate for water cooled large sized prismatic lithium-ion battery. *Applied Thermal Engineering* 122, 80–90.
- Sohel Murshed, S.M., Nieto de Castro, C.A., 2017. A critical review of traditional and emerging techniques and fluids for electronics cooling. *Renewable and Sustainable Energy Reviews* 78, 821–833.
- Topsflo, 2021. Micro Gear Pump. <http://www.topsflo.com/micro-gear-pump/mg200xk-dc24.html> (Online accessed 27 May 2021)

- Wang, C., Zhang, G., Meng, L., Li, X., Situ, W., Lv, Y., Rao, M., 2017. Liquid cooling based on thermal silica plate for battery thermal management system. *International Journal of Energy Research* 41, 2468–2479.
- Wiriyasart, S., Naphon, P., 2019. Liquid impingement cooling of cold plate heat sink with different fin configurations: High heat flux applications. *International Journal of Heat and Mass Transfer* 140, 281–292.
- Zhang, Y.P., Yu, X.L., Feng, Q.K., Zhang, R.T., 2009. Thermal performance study of integrated cold plate with power module. *Applied Thermal Engineering* 29, 3568–3573.