

DAFTAR PUSTAKA

- Akbarzadeh, M., Kalogiannis, T., Jaguemont, J., Jin, L., Behi, H., Karimi, D., Beheshti, H., Van Mierlo, J., & Bercibar, M. (2021). A comparative study between air cooling and liquid cooling thermal management systems for a high-energy lithium-ion battery module. *Applied Thermal Engineering*, 117503.
- Akinlabi, A. A. H., & Solyali, D. (2020). Configuration , design , and optimization of air-cooled battery thermal management system for electric vehicles : A review. *Renewable and Sustainable Energy Reviews* , 109815.
- Al-Zareer, M., Dincer, I., & Rosen, M. A. (2017). Novel thermal management system using boiling cooling for high-powered lithium-ion battery packs for hybrid electric vehicles. *Journal of Power Sources*, 363, 291–303.
- Arora, S. (2018). Selection of thermal management system for modular battery packs of electric vehicles: A review of existing and emerging technologies. *Journal of Power Sources*, 400(July), 621–640.
- Bergman, T. L., & Lavine, A. S. (2017). *FUNDAMENTALS OF HEAT and MASS TRANSFER*. John Wiley & Sons, Inc (Vol. 4, No 1).
- Bernardi, D., Pawlikowski, E., & Newman, J. (1984). General Energy Balance for Battery Systems. *Electrochemical Society Extended Abstracts*, 84–2, 164–165.
- Bhosale, A. J., & Deshmukh, V. N. (2022). Efficient ways of thermal management of an EV battery. *Materials Today: Proceedings*.
- Buidin, T. I. C., & Mariasiu, F. (2021). Battery thermal management systems: Current status and design approach of cooling technologies. *Energies*, 14(16).
- Cengel, Y. A., Boles, M. A., 1994, *Thermodynamics: An Engineering Approach* 2nd Ed., McGraw-Hill, New York.
- Cengel, Y. A. dan Ghajar, A. J., 2015, *Heat and Mass Transfer Fundamentals and Applications* Fifth Edition. McGraw Hill Education.
- Chen, D., Jiang, J., Kim, G. H., Yang, C., & Pesaran, A. (2016). Comparison of 93 different cooling methods for lithium ion battery cells. *Applied Thermal Engineering*, 94, 846–854.

- Chen, P., Harmand, S., & Ouenzerfi, S. (2020). Immersion cooling effect of dielectric liquid and self-wetting fluid on smooth and porous surface. *Appl. Therm. Eng.*, 180, 11586.
- Choi, H., Lee, H., Kim, J., & Lee, H. (2023). Hybrid single-phase immersion cooling structure for battery thermal management under fast-charging conditions. *Energy Conversion and Management*, 287.
- Deng, Y., Feng, C., E, J., Zhu, H., Chen, J., Wen, M., & Yin, H. (2018). Effects of different coolants and cooling strategies on the cooling performance of the power lithium ion battery system: A review. *Applied Thermal Engineering*, 102 142(June), 10–29.
- Fan, Y., Bao, Y., Ling, C., Chu, Y., Tan, X., & Yang, S. (2019). Experimental study on the thermal management performance of air cooling for high energy density cylindrical lithium-ion batteries. *Applied Thermal Engineering*, 155, 96–109.
- 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*.
- Han, J. W., Garud, K. S., Hwang, S. G., & Lee, M. Y. (2022). Experimental Study on Dielectric Fluid Immersion Cooling for Thermal Management of Lithium Ion Battery. *Symmetry*, 14.
- Han, J. W., Garud, K. S., Kang, E. H., & Lee, M. Y. (2023). Numerical Study on Heat Transfer Characteristics of Dielectric Fluid Immersion Cooling with Fin Structures for Lithium-Ion Batteries. *Symmetry*, 15.
- He, L., Jing, H., Zhang, Y., Li, P., & Gu, Z. (2023). Review of thermal management system for battery electric vehicle. *Journal of Energy Storage*, 59(September 2022), 106443.
- Hemavathi, S., Srinivas, S., & Prakash, A. S. (2023). Performance evaluation of a hydrostatic flow immersion cooling system for high-current discharge Li-ion batteries. *Journal of Energy Storage*, 72.

- Jiang, G., Huang, J., Fu, Y., Cao, M., & Liu, M. (2016). Thermal optimization of composite phase change material / expanded graphite for Li-ion battery thermal management. *Applied Thermal Engineering*, 108, 1119–1125.
- Li, Y., Bai, M., Zhou, Z., Lv, J., Hu, C., Gao, L., Peng, C., Li, Y., Li, Y., & Song, Y. (2023). Experimental study of liquid Immersion Cooling for different cylindrical lithium-ion batteries under rapid charging conditions. *Thermal Science and Engineering Progress*, 37(July 2022), 101569.
- Liu, H., Wei, Z., He, W., & Zhao, J. (2017). Thermal issues about Li-ion batteries and recent progress in battery thermal management systems: A review. *Energy Conversion and Management*, 304–330.
- Mali, V., Saxena, R., Kumar, K., Kalam, A., & Tripathi, B. (2021). Review on battery thermal management systems for energy-efficient electric vehicles. *Renewable and Sustainable Energy Reviews*, 151(September), 111611.
- Munson, B. R., Young, D. F., & Okiishi, T. H. (2002). *Fundamentals of Fluid Mechanics* 4th Edition (4th ed.). John Wiley & Sons, Inc.
- Restian, A., Nugroho, A., Pranoto, I., Ariyadi, H. M., & Febriyanto, R. (2024). *Experimental Study on Single-Phase Immersion Cooling for Thermal Management of Lithium-Ion Battery*.
- Offer, G., Patel, Y., Hales, A., Bravo Diaz, L., & Marzook, M. (2020). Cool metric for lithium-ion batteries could spur progress. *Nature*, 485–487.
- Ouyang, D., Chen, M., Huang, Q., Weng, J., Wang, Z., & Wang, J. (2019). A Review on the thermal hazards of the lithium-ion battery and the corresponding countermeasures. *Applied Sciences (Switzerland)*, 9(12).
- 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. In *Alexandria Engineering Journal* (Vol. 61, Issue 12, pp. 9509–9527). Elsevier B.V.
- Roe, C., Feng, X., White, G., Li, R., Wang, H., Rui, X., Li, C., Zhang, F., Null, V., Parkes, M., Patel, Y., Wang, Y., Wang, H., Ouyang, M., Offer, G., & Wu, B. (2022). Immersion cooling for lithium-ion batteries – A review. In *Journal of Power Sources* (Vol. 525).

- Safdari, M., Ahmadi, R., & Sadeghzadeh, S. (2020). Numerical investigation on PCM encapsulation shape used in the passive-active battery thermal management. *Energy*, 193, 116840.
- Solai, E., Guadagnini, M., Beaugendre, H., Daccord, R., Congedo, P. (2022). Validating of a Data-Driven Fast Numerical Model to Simulate the Immersion Cooling of a Lithium-Ion Battery Pack. *Energy*, 246, 123633.
- Suresh Patil, M., Seo, J. H., & Lee, M. Y. (2021a). A novel dielectric fluid Immersion Cooling technology for Li-ion battery thermal management. *Energy Conversion and Management*, 229(November 2020), 113715.
- Taylor, J. R. (1997). *An Introduction to Error Analysis*, 2nd ed. University of Science Book: Sausalito.
- Wang, Y., Li, B., Hu, Y., Mao, Z., Song, B., Tian, W., & Sunden, B. (2023). Experimental study on immersion phase change cooling of lithium-ion batteries based on R1233ZD (E)/ ethanol mixed refrigerant. 220(May 2022).
- Wang, Y., Li, C., Wen, X., Cai, W., Jiang, Y., Wen, C., Wang, Y., Hu, L., Yu, H., Zhu, H., Guo, H., & Liu, D. (2023). Experimental studies on two-phase immersion liquid cooling for Li-ion battery thermal management. *Journal of Energy Storage*, 72.
- Wu, S., Yan, T., Kuai, Z., & Pan, W. (2020). Thermal conductivity enhancement on phase change materials for thermal energy storage : A review. *Energy Storage Materials*, 251–295.
- Xia, G., Cao, L., & Bi, G. (2017). A review on battery thermal management in electric vehicle application. *J. Power Sources*, 367, 90–105.
- Yang, W., Zhou, F., Zhou, H., Wang, Q., & Kong, J. (2020). Thermal performance of cylindrical lithium-ion battery thermal management system integrated with mini-channel liquid cooling and air cooling. *Applied Thermal Engineering*, 115331.
- Yue, Q. L., He, C. X., Wu, M. C., & Zhao, T. S. (2021). Advances in thermal management systems for next-generation power batteries. In *International Journal of Heat and Mass Transfer* (Vol. 181). Elsevier Ltd.

Zhou, Y., Wang, Z., Xie, Z., & Wang, Y. (2022). Parametric Investigation on the Performance of a Battery Thermal Management System with Immersion Cooling. *Energies*, 15(7), 1–22.