



DAFTAR PUSTAKA

- Akbarzadeh, M., Jaguemont, J., Kalogiannis, T., Karimi, D., He, J., Jin, L., Xie, P., van Mierlo, J., & Berecibar, M, 2021, A novel liquid cooling plate concept for thermal management of lithium-ion batteries in electric vehicles. *Energy Conversion and Management*, 231.
- Akbarzadeh, M., Kalogiannis, T., Jaguemont, J., Jin, L., Behi, H., Karimi, D., Beheshti, H., van Mierlo, J., & Berecibar, 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*, 198.
- Andrea, D, 2010, *Battery Management Systems for Large Lithium-Ion Battery Packs*, ARTECH HOUSE,London.
- Bernardi, D., Pawlikowski. E., Newman, J,1985, A General Energy Balance for Battery Systems. ms. *Journal of The Electrochemical Society*, 132(2).
- Chen, D., Jiang, J., Kim, G. H., Yang, C., & Pesaran, A,2016, Comparison of different cooling methods for lithium-ion battery cells. *Applied Thermal Engineering*, 94, 846–854.
- Chen, S., Peng, X., Bao, N., & Garg, A,2019, A comprehensive analysis and optimization process for an integrated liquid cooling plate for a prismatic lithium-ion battery module. *Applied Thermal Engineering*, 156, 324–339.
- Crippa, M., Guizzardi, D., Schaaf, M., Ferrario, M.-, Banja, F., Olivier, Grassi, J. G. J., Rossi, G., & Vignati, S. (n.d.). *GHG emissions of all world countries 2021 Report*.
- Diaz, B. L., He, Xuanze., Hu, Hu, Zhenwen., Restuccia, F., Marinescu, M., Barreras, J. V., Patel, Y., Offer, G., & Rein, Guillermo, 2020, Review-Meta -Review of Fire Safety of Lithium-Ion Batteries: Industry Challenges and Research Contributions. *Journal of The Electrochemical Society*, 167.
- Dong, F., Cheng, Z., Zhu, J., Song, D., & Ni, J,2021, Investigation and optimization on cooling performance of a novel double helix structure for cylindrical lithium-ion batteries. *Applied Thermal Engineering*, 189.
- Yasin, C.M., Lesmana, B., Praditiya, A., Ferlianta, W., Ramanda, Y., Ariyanto, D., Handayani, R., Susilawati, S.S.R., Huda, M., Simatupang, G.G., Ampun, S.S.A., Lucia, A., Prasetyo, H., dan Ambarsari, L., 2021, Road Map Pengembangan dan Pemanfaatan Batubara, Direktorat Jendral Mineral dan Batubara. Grunditz, E. A., & Thiringer, T,2016, Performance analysis of current BEVs based on a comprehensive review of specifications. In *IEEE Transactions on Transportation*



Electrification (Vol. 2, Issue 3, pp. 270–289). Institute of Electrical and Electronics Engineers Inc.

Godinho, C., Coetzee, K., 2020, *Climate Transparency Report*. www.climate-transparency.org.

IEA, 2022, *Global EV Outlook 2022*. www.iea.org, (diakses pada tanggal 29 Oktober 2022).

IEA, 2021 World Energy Outlook 2022. www.iea.org, (diakses pada tanggal 29 Oktober 2022).

Jiang. J., Zhang, C, 2015, *FUNDAMENTALS AND APPLICATIONS OF LITHIUM-ION BATTERIES IN ELECTRIC DRIVE VEHICLES*. WILEY.

Lee, M.-Y., Seo, J.-H., Suresh Patil, M., Kim, D.-W., & Bang, Y.-M, 2017, *Numerical Study on the Cooling Performances of Various Cooling Methods for Laminated Type Battery ACTS-P00363* <https://www.researchgate.net/publication/315715410>

Liu, X., Ren, D., Hsu, H., Feng, X., Xu, G.L., Zhuang, M., Gao, H., Lu, L., Han, X., Chu, Z., Li, J., He, X., Amine, K., & Ouyang, M., 2018, Thermal Runaway of Lithium-Ion Batteries without Internal Short Circuit. Joule (2047–2064). Elsevier Inc.

Ma, S., Jiang, M., Tao, P., Song, C., Wu, J., Wang, J., Deng, T., Shang, W., 2018, Temperature effect and thermal impact in lithium-ion batteries: A review. Progress in Natural Science: Materials International 28 (653–666). Elsevier B.V.

Rahman, M, A., and Pranoto, I., "Review on Current Thermal Issue and Cooling Technology Development on Electric Vehicles Battery," 2020 6th International Conference on Science and Technology (ICST), Yogyakarta, Indonesia, 2020, pp. 1-6, doi: 10.1109/ICST50505.2020.9732879.

Pistoia, G., & Liaw, B. (n.d.). *Green Energy and Technology Behaviour of Lithium-Ion Batteries in Electric Vehicles*. <http://www.springer.com/series/8059>

Reddy, T. B., Linden, D, 2011, *LINDEN'S HANDBOOK OF BATTERIES*.

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). Elsevier B.V.

Shekhar, A. R., Parekh, M. H., & Pol, V. G, 2022 Worldwide ubiquitous utilization of lithium-ion batteries: What we have done, are doing, and could do safely once they are dead? In *Journal of Power Sources* (Vol. 523). Elsevier B.V.



Smith, B., 2012, Chevrolet Volt Battery Incident Overview Report. National Highway Traffic Safety Administration.

Wang, Y., Rao, Z., Liu, S., Li, X., Li, H., & Xiong, R., 2021, Evaluating the performance of liquid immersing preheating system for Lithium-ion battery pack. *Applied Thermal Engineering*, 190.

Warner, J. (John T.). (n.d.). *The handbook of lithium-ion battery pack design : chemistry, components, types and terminology*.

Yamada, T., Koshiyama, T., Yoshikawa, M., Yamada, T., & Ono, N., 2017 Analysis of a lithium-ion battery cooling system for electric vehicles using a phase-change material and heat pipes. *Journal of Thermal Science and Technology*, 12(1).

Zeng, X., Li, M., Abd El-Hady, D., Alshitari, W., Al-Bogami, A. S., Lu, J., & Amine, K., 2019, Commercialization of Lithium Battery Technologies for Electric Vehicles. In *Advanced Energy Materials* (Vol. 9, Issue 27). Wiley-VCH Verlag.

Zhang, C., Huang, J., Sun, W., Xu, X., & Li, Y., 2022, Research on the Influence of Liquid on Heat Dissipation and Heating Characteristics of Lithium-Ion Battery Thermal Management System. *World Electric Vehicle Journal*, 13(4).

Zhu, F., Yan, H., Liu, L., & Liu, X., 2016, Simulation of thermal behavior of a lithium-ion battery. *Advances in Engineering Research* (volume,63).