

DAFTAR PUSTAKA

- [1] J. B. Goodenough and K. S. Park, “The Li-ion rechargeable battery: A perspective,” Jan. 30, 2013. doi: 10.1021/ja3091438.
- [2] E. Feyzi, A. K. M R, X. Li, S. Deng, J. Nanda, and K. Zaghib, “A comprehensive review of silicon anodes for high-energy lithium-ion batteries: Challenges, latest developments, and perspectives,” Oct. 01, 2024, *Elsevier B.V.* doi: 10.1016/j.nxener.2024.100176.
- [3] W. J. Zhang, “A review of the electrochemical performance of alloy anodes for lithium-ion batteries,” Jan. 01, 2011. doi: 10.1016/j.jpowsour.2010.07.020.
- [4] X. Zhou, S. Qiao, N. Yue, W. Zhang, and W. Zheng, “Soft X-ray emission spectroscopy finds plenty of room in exploring lithium-ion batteries,” *Mater Res Lett*, vol. 11, no. 4, pp. 239–249, 2023, doi: 10.1080/21663831.2022.2141586.
- [5] Z. Liu *et al.*, “Silicon oxides: A promising family of anode materials for lithium-ion batteries,” Jan. 07, 2019, *Royal Society of Chemistry*. doi: 10.1039/c8cs00441b.
- [6] gaurav singh, “Understanding Coin Cells: Usage, Types, and Performance,” feniceenergy. Accessed: Sep. 19, 2024. [Online]. Available: <https://blog.feniceenergy.com/understanding-coin-cells-usage-types-and-performance/>
- [7] Alex Scott, “In the battery materials world, the anode’s time has come,” Chemical&EngineeringNews. Accessed: Sep. 30, 2024. [Online]. Available: <https://cen.acs.org/materials/energy-storage/battery-materials-world-anodes-time/97/i14>
- [8] Alex Scott, “In the battery materials world, the anode’s time has come,” Chemical&EngineeringNews. Accessed: Sep. 30, 2024. [Online]. Available: <https://cen.acs.org/materials/energy-storage/battery-materials-world-anodes-time/97/i14>
- [9] M. T. McDowell, S. W. Lee, W. D. Nix, and Y. Cui, “25th anniversary article: Understanding the lithiation of silicon and other alloying anodes for lithium-ion batteries,” Sep. 2013. doi: 10.1002/adma.201301795.

- [10] “Coin Cells Market ,” TransparencyMarketResearch.
- [11] P. M. – M. Batteries. M. E. E. Mahoro Takahashi, “Battery Solutions for IoT Devices,” Jul. 2019.
- [12] Panasonic Energy, “CR2032_Datasheet_EN_240701”.
- [13] L. Zhang, L. Zhang, Z. Xie, and J. Yang, “Cu&si core–shell nanowire thin film as high-performance anode materials for lithium ion batteries,” *Applied Sciences (Switzerland)*, vol. 11, no. 10, May 2021, doi: 10.3390/app11104521.
- [14] J. Dasgupta *et al.*, “The effects of thermally stable titanium silicon oxide nanoparticles on structure and performance of cellulose acetate ultrafiltration membranes,” *Sep Purif Technol*, vol. 133, pp. 55–68, Sep. 2014, doi: 10.1016/j.seppur.2014.06.035.
- [15] ANTARA, “IC baru Toshiba untuk perangkat cerdas Bluetooth® tawarkan konsumsi arus listrik terendah dalam industri dan keamanan yang lebih tinggi.”
- [16] E. Feyzi, A. K. M R, X. Li, S. Deng, J. Nanda, and K. Zaghib, “A comprehensive review of silicon anodes for high-energy lithium-ion batteries: Challenges, latest developments, and perspectives,” Oct. 01, 2024, *Elsevier B.V.* doi: 10.1016/j.nxener.2024.100176.
- [17] Panasonic Energy, “CR2032_Datasheet_EN_240701”.
- [18] M. Roberts *et al.*, “3D lithium ion batteries - From fundamentals to fabrication,” *J Mater Chem*, vol. 21, no. 27, pp. 9876–9890, Jul. 2011, doi: 10.1039/c0jm04396f.
- [19] R. Lucio-Porto *et al.*, “VN thin films as electrode materials for electrochemical capacitors,” *Electrochim Acta*, vol. 141, pp. 203–211, Sep. 2014, doi: 10.1016/j.electacta.2014.07.056.
- [20] Z. Liu, J. Lu, Y. Mao, P. Ren, and H. Fan, “Energy storage properties of NaNbO₃-CaZrO₃ ceramics with coexistence of ferroelectric and antiferroelectric phases,” *J Eur Ceram Soc*, vol. 38, no. 15, pp. 4939–4945, Dec. 2018, doi: 10.1016/j.jeurceramsoc.2018.07.029.

- [21] J. Xu, C. Chen, T. Zhang, and Z. Han, “A study of polycrystalline silicon damage features based on nanosecond pulse laser irradiation with different wavelength effects,” *Materials*, vol. 10, no. 3, 2017, doi: 10.3390/ma10030260.