

DAFTAR PUSTAKA

1. Indonesia Ministry of Energy and Mineral Resources. (2020). Peluang Investasi Nikel Indonesia. In *Kementerian Energi dan Sumber Daya Mineral Republik Indonesia* (pp. 1–40).
2. Davis, J. R. (Joseph R. ., & ASM International. Handbook Committee. (2000). *Nickel, cobalt, and their alloys*. ASM International.
3. Yuan, B., Li, J., Xia, M., Zhang, Y., Lei, R., Zhao, P., & Li, X. (2020). Investigation into electrochemical performance of NiO/graphene composite nanofibers synthesized by a simple method as anode materials for high-performance lithium ion batteries. *Materials Research Express*, 7(11), 0–13.
4. Ren, Y., Synchrotron, S., & Lightsource, R. (n.d.). *Hybrid Nanostructured Ni (OH) 2 / NiO for High Capacity Lithium – ion Battery Anodes*. 1–31.
5. Ningsih, S. K. W., & Khair, M. (2017). Synthesis and Characterization of Nio Nanocrystals by using Sol-Gel Method with Various Precursors. *Makara Journal of Science*, 21(1).
6. Sangale, M. D. (2014). “ *Synthesis and characterization of bulk and supported nickel catalyst precursor .* ” 4(4), 428–437.
7. Khalil, A., Lalia, B. S., & Hashaikeh, R. (2016). Nickel oxide nanocrystals as a lithium-ion battery anode: structure-performance relationship. *Journal of Materials Science*, 51(14), 6624–6638.
8. Sadhukhan, S., Bhattacharyya, A., Rana, D., Ghosh, T. K., Orasugh, J. T., Khatua, S., Acharya, K., & Chattopadhyay, D. (2020). Synthesis of RGO/NiO nanocomposites adopting a green approach and its photocatalytic and antibacterial properties. *Materials Chemistry and Physics*, 247, 122906.
9. Luo, R. P., Lyu, W. Q., Wen, K. C., & He, W. D. (2018). Overview of graphene as anode in lithium-ion batteries. *Journal of Electronic Science and Technology*, 16(1), 57–68.
10. Setiabudi, A., Hardian, R., Mudzakir, A., Material, K., Prinsip, ;, Aplikasinya, D., Kimia, P., & Muzakir, A. (n.d.). *UPI PRESS*.

11. Putri, D. F., Maulina Ritonga, H., Murdiati, V., & Zainul, D. R. (n.d.). *WHAT IS HYDROTHERMAL ?*
12. Rabenau, A. (1985). The Role of Hydrothermal Synthesis in Preparative Chemistry. *Angewandte Chemie International Edition in English*, 24(12), 1026–1040.
13. Candani, D., Ulfah, M., Noviana, W., & Zainul, R. (2018). A Review Pemanfaatan Teknologi Sonikasi. *INA-Rxiv*, 26, 1–9.
14. Li, X., Fan, L., Li, X., Shan, H., Chen, C., Yan, B., Xiong, D., & Li, D. (2018). Enhanced anode performance of flower-like NiO/RGO nanocomposites for lithium-ion batteries. *Materials Chemistry and Physics*, 217, 547–552.
15. Tian, S., Zheng, G., Liu, Q., Ren, M., & Yin, J. (2019). Preparation of RGO/NiO Anode for Lithium-ion Batteries. *International Journal of Electrochemical Science*, 14(10), 9459–9467.
16. Elgrishi, N., Rountree, K. J., McCarthy, B. D., Rountree, E. S., Eisenhart, T. T., & Dempsey, J. L. (2018). A Practical Beginner's Guide to Cyclic Voltammetry. *Journal of Chemical Education*, 95(2), 197–206.
17. Magar, H. S., Hassan, R. Y. A., & Mulchandani, A. (2021). Electrochemical impedance spectroscopy (Eis): Principles, construction, and biosensing applications. *Sensors*, 21(19).
18. Suhartati, T. (2017). Dasar-Dasar Spektrofotometri Uv-Vis dan Spektrometri Massa Untuk Penentuan Struktur Senyawa Organik.
19. Indriati, M., Nuryanto, R., & Suyati, L. (2013). Pengaruh Suhu Kalsinasi terhadap Konduktivitas dan Kristalinitas Elektrolit Padat $\text{NaMn}_2\text{-xMg}_x\text{O}_4$. *Jurnal Kimia Sains Dan Aplikasi*, 16(2), 46–49.
20. Romaida Samosir, L. (2019). *Analisis Sifat Elektrokimia Dan Karakteristik PvdF-Hfp/Libob Dan PvdF-Hfp/Litfsi Sebagai Elektrolit Padat Pada Baterai Litium Coin Cell*
21. Priyono, S., Aulia Dhika, M., Sebayang, K., Subhan, A., & Prihandoko, D. B. (2016). PEMBUATAN ANODA $\text{Li}_4\text{Ti}_5\text{O}_{12}$ DAN STUDI PENGARUH KETEBALAN ELEKTRODA TERHADAP PERFORMA ELEKTROKIMIA BATERAI ION LITHIUM. *Jurnal Sains Materi*

- Indonesia*, 17(4), 146–152.
22. Chandel, M., Makkar, P., & Ghosh, N. N. (2019). Ag-Ni Nanoparticle Anchored Reduced Graphene Oxide Nanocomposite as Advanced Electrode Material for Supercapacitor Application. *ACS Applied Electronic Materials*, 1(7), 1215–1224.
23. Handayani, Riska Tri, Yazibarahmah, R. (2017). *Band Gap (Pita Energi) Semikonduktor*. 2017(140310140021), 1–4.
24. Xiang, Y., Yang, Z., Wang, S., Hossain, M. S. A., Yu, J., Kumar, N. A., & Yamauchi, Y. (2018). Pseudocapacitive behavior of the Fe₂O₃ anode and its contribution to high reversible capacity in lithium ion batteries. *Nanoscale*, 10(37), 18010–18018.