DAFTAR PUSTAKA

Alao, O., 2018. *Online condition monitoring of Lithium-ion and Lead acid batteries for renewable energy applications*, PhD thesis.

Aoki, K., Tokuda, K. dan Matsuda, H., 1984. Theory of differential pulse voltammetry at stationary planar electrodes, *Journal of Electroanalytical Chemistry and Interfacial Electrochemistry*, 175(1), p. 1–13.

Armbruster, D. A. dan Pry, T., 2008. Limit of blank, limit of detection and limit of quantitation., *The Clinical biochemist Reviews*, 29 Suppl 1(August), p. S49–52.

Arvía, A., Marchiano, S. dan Podestá, J., 1967. The diffusion of ferrocyanide and ferricyanide ions in aqueous solutions of potassium hydroxide, *Electrochimica Acta*, 12(3), p. 259–266.

Bastioli, C. (ed.), 2020. *Handbook of Biodegradable Polymers*, De Gruyter.

Bauer, J. A., Zámocká, M., Majtán, J. dan Bauerová-Hlinková, V., 2022. Glucose Oxidase, an Enzyme "Ferrari": Its Structure, Function, Production and Properties in the Light of Various Industrial and Biotechnological Applications, *Biomolecules*, 12(3).

Buckingham, M. A., Hammoud, S., Li, H., Beale, C. J., Sengel, J. T. dan Aldous, L., 2020. A fundamental study of the thermoelectrochemistry of ferricyanide/ferrocyanide: Cation, concentration, ratio, and heterogeneous and homogeneous electrocatalysis effects in thermogalvanic cells, *Sustainable Energy and Fuels*, 4(7), p. 3388–3399.

Clark, L. C., Wolf, R., Granger, D. dan Taylor, Z., 1953. Continuous recording of blood oxygen tensions by polarography, *Journal of applied physiology*, 6(3), p. 189–193.

Colburn, A. W., Levey, K. J., O'Hare, D. dan Macpherson, J. V., 2021. Lifting the lid on the potentiostat: a beginner's guide to understanding electrochemical circuitry and practical operation, *Physical Chemistry Chemical Physics*, 23(14), p. 8100–8117.

Duleba, D., Martínez-Aviñó, A., Revenko, A. dan Johnson, R. P., 2025. Understanding Sensitivity in Nanoscale Sensing Devices, *ACS Measurement Science Au*, 5(3), p. 353–366.

Dwi, A. dan Viktoria, R., 2024. Screen-Printed Carbon Electrode Modified GNPs / ZnO for Electrochemical Sensing, , 24(1), p. 38–45.

Dzyadevych, S. dan Jaffrezic-Renault, N., 2014. 6 - conductometric biosensors, *in* R. P. Schaudies (ed.), *Biological Identification*, Woodhead Publishing, pp. 153–193.

Elgrishi, N., Rountree, K. J., McCarthy, B. D., Rountree, E. S., Eisenhart, T. T. dan Dempsey, J. L., 2018. A Practical Beginner's Guide to Cyclic Voltammetry, *Journal of Chemical Education*, 95(2), p. 197–206.

Gao, Q., Guo, Y., Zhang, W., Qi, H. dan Zhang, C., 2011. An amperometric glucose biosensor based on layer-by-layer gox-swcnt conjugate/redox polymer multilayer on a screen-printed carbon electrode, *Sensors and Actuators, B: Chemical*, 153(1), p. 219–225.

Gao, R., Edwards, M. A., Harris, J. M. dan White, H. S., 2020. Shot noise sets the limit of quantification in electrochemical measurements, *Current Opinion in Electrochemistry*, 22, p. 170–177. Environmental Electrochemistry Physical and Nano Electrochemistry.

Gloria, G., Kang, G. J., Ewing-Nelson, S. R., Mackey, L., Schlitt, J. T., Marathe, A., Abbas, K. M. dan Swarup, S., 2018. Contribution of adipose tissue inflammation to the development of type 2 diabetes mellitus, *Physiology and behavior*, 176(1), p. 139–148.

Hu, B., 1989. Kramers-kronig in two lines, *American Journal of Physics - AMER J PHYS*, 57, p. 821–821.

Ilic, I. dan Ilic, M., 2024. The burden of type 2 diabetes mellitus in Latin America, 1990–2019: findings from the Global Burden of Disease study, *Public Health*, 233(August), p. 74–82.

Kwak, D., Lei, Y. dan Maric, R., 2019. Ammonia gas sensors: A comprehensive review, *Talanta*, 204(March), p. 713–730.

Lazanas, A. C. dan Prodromidis, M. I., 2023. Electrochemical Impedance Spectroscopy-A Tutorial, *ACS Measurement Science Au*, 3(3), p. 162–193.

Miranda, G., Ferrari, A., Rowley-Neale, S. J. dan Banks, C. E., 2021. Screen-printed electrodes: Transitioning the laboratory in-to-the field, *Talanta Open*, 3(December 2020).

Nicholson, Richard S.Shain, I., 1964. Theory of stationary electrode polarography: Single scan and cyclic methods applied to reversible, irreversible, and kinetic systems, *Analytical Chemistry*, 36(4), p. 706–723.

O'Halloran, M. P., Pravda, M. dan Guilbault, G. G., 2001. Prussian blue bulk modified screen-printed electrodes for h2o2 detection and for biosensors, *Talanta*, 55(3), p. 605–611.

Olivieri, A. C., Bortolato, S. dan Allegrini, F., 2015. Chapter 13 - figures of merit in multiway calibration, *in* A. M. de la Peña, H. C. Goicoechea, G. M. Escandar dan A. C. Olivieri (eds), *Fundamentals and Analytical Applications of Multiway Calibration*, Vol. 29 of *Data Handling in Science and Technology*, Elsevier, pp. 541–575.

Paimard, G., Ghasali, E. dan Baeza, M., 2023. Screen-Printed Electrodes: Fabrication, Modification, and Biosensing Applications, *Chemosensors*, 11(2).

Paulsen, H., 1982. Cyclic voltammetry-"electrochemical spectroscopy", *Angewandte Chemie International Edition In English*, 21(3), p. 155–173.

Phasuksom, K., Ariyasajjamongkol, N. dan Sirivat, A., 2024. Screen-printed electrode designed with mxene/doped-polyindole and mwcnt/doped-polyindole for chronoamperometric enzymatic glucose sensor, *Heliyon*, 10(2).

Radulovic, L. dan Wojcinski, Z., 2014. Ptfe (polytetrafluoroethylene; teflon®), *in* P. Wexler (ed.), *Encyclopedia of Toxicology (Third Edition)*, third edition edn, Academic Press, pp. 1133–1136.

Rolfe, P., 1990. In vivo chemical sensors for intensive-care monitoring, *Medical and Biological Engineering and Computing*, 28, p. B34–B47.

Simões, F. dan Xavier, M., 2017. 6 - electrochemical sensors, *in* A. L. D. Róz, M. Ferreira, F. de Lima Leite dan O. N. Oliveira (eds), *Nanoscience and its Applications*, Micro and Nano Technologies, William Andrew Publishing, pp. 155–178.

Singh, R., Singhania, R., Pandey, A. dan Larroche, C., 2019. *Biomass, Biofuels, Biochemicals: Advances in Enzyme Technology*.

Umoren, S. A., Solomon, M. M. dan Saji, V. S., 2022. Chapter 23 - other synthetic polymers, *in* S. A. Umoren, M. M. Solomon dan V. S. Saji (eds), *Polymeric Materials in Corrosion Inhibition*, Elsevier, pp. 541–563.

Wahyuni, W. T., Putra, B. R., Fauzi, A., Ramadhanti, D., Rohaeti, E. dan Heryanto, R., 2021. A brief review on fabrication of screen-printed carbon electrode: Materials and techniques, *Indonesian Journal of Chemical Research*, 8(3), p. 210–218.

Wang, J., Pedrero, M., Sakslund, H., Hammerich, O. dan Pingarrón, J., 1996. Electrochemical activation of screen-printed carbon strips, *Analyst*, 121.

WHO, 2024. *Guidance on global monitoring for diabetes prevention and control: framework, indicators and application*, World Health Organization.

Wong, C. M., Wong, K. H. dan Chen, X. D., 2008. Glucose oxidase: Natural occurrence, function, properties and industrial applications, *Applied Microbiology and Biotechnology*, 78(6), p. 927–938.

Zhang, K., Kan, C., Han, F., Zhang, J., Ding, C., Guo, Z., Huang, N., Zhang, Y., Hou, N. dan Sun, X., 2023. Global, Regional, and National Epidemiology of Diabetes in Children From 1990 to 2019, *JAMA Pediatrics*, 177(8), p. 837–846.