

## DAFTAR PUSTAKA

1. Zhen he dan Florian Mansfeld, “*Exploring The Use Of Electrochemical Impedance Spectroscopy (EIS) In Microbial Fuel Cell Studies*”. Royal Society of Chemistry, 2008.
2. Ametek Scientific Instruments, “*Application Note AC-1 Subject: Basics of Electrochemical Impedance Spectroscopy*”. Princeton Applied Research, 2015.
3. Digby D. Macdonald, . “*A Brief History of Electrochemical Impedance Spectroscopy*”. The Electrochemical Society, 2006.
4. Edward P.R. dan Craig E.B., “*Electrochemical Impedance Spectroscopy: An Overview of Bioanalytical Applications*”. RSCPublishing,2013.
5. Scheneider dkk, “*Potentiostat Circuit For Electrochemical Cell*”, US. US005466356A, 1995.
6. Fransisco S., José H. dan Andrés M., “*Construction of a Potentiostat to Perform Electrochemical Impedance Spectroscopy*”. Scientific Research Publishing, 2017.
7. Yanhong Liu, Ping Gao, Xuening Jiang, La Li, Jialiang Zhang dan Wei Peng, “*Percolation mechanism through trapping/de-trapping process at defect states for resistive switching devices with structure of Ag/SixClx/p-Si*”. AIP Publishing, 2014.
8. S. Rani, W.F.H. Abdullah, Z.M. Zain dan Aqmar N., “*Integrated Circuit Design of 3 Electrode Sensing System Using Two-Stage Operational Amplifier*”. IOP Publishing, 2017.
9. Pratondo Busono, Rony Febryarto dan Menasita Mayantasasi, “Rancang Bangun Potensiostat Berbasis Mikrokontroler Untuk Aplikasi Sensor Elektrokimia” in *Seminar Nasional Sains dan Teknologi*, Fakultas Teknik Universitas Muhamadiyah Jakarta, 2018.
10. Rigol Technologies, Inc. “*DG1022 Dual-Channel Function/Arbitrary Waveform Generator*”. 2010.
11. H. Basseches dkk, “*Metal Film Resistors*”, US. US 3.148.129, 1964.
12. Vishay, “*An Overview of Vishay Metal Film Resistors*”. Vishay Intertechnology, INC, 2020.

13. Aditya R., “Kapasitor”, *Cerdika*, *Cerdika*, 19 Maret 2020, [Online]. Tersedia: <https://cerdika.com/kapasitor/> [Diakses: 25 November 2020].
14. Dickson K., “Pengertian PCB (*Printed Circuit Board*) dan Jenis-jenis PCB”, Teknik Elektronika, [Online]. Tersedia: <https://teknikelektronika.com/pengertian-pcb-printed-circuit-board-jenis-jenis-pcb/> [Diakses: 25 November 2020].
15. Alexander, C.K., “*Fundamentals of Electric Circuits Sixth Edition*”. US: McGraw-Hill Education, 2017.
16. Sedra, Adel S., dan Kenneth C. Smith, “*Microelectric Circuits Seventh Edition*”. US: Oxford University Press, 2015.
17. Rashid, Muhammad H., “*Microelectronic Circuits Analysis and Design Second Edition*”. Canada: Cengage Learn, 2011.
18. Alexander, C.K., “*Fundamentals of Electric Circuits Fifth Edition*”. US: McGraw-Hill Education, 2012.
19. Chaniotokis and Cory, “*Operational Amplifier Circuits*”. Spring, 2006.
20. Texas Instruments, “*LMP7721 3-Femtoampere Input Bias Current Precision Amplifier*”. Texas, 2014.
21. Texas Instruments, “*LMP770x Precision, CMOS Input, RRIO, Wide Supply Range Amplifiers*”. Texas, 2014.
22. Texas Instruments, “*BUF634 250-mA High-Speed Buffer*”. Texas, 2014.