

DAFTAR PUSTAKA

- Arshak, K., Velusamy, V., Korostynska, O., Oliwa-Stasiak, K., dan Adley, C. (2009) "Conducting Polymers and Their Applications to Biosensors : Emphasizing Foodborne Pathogen Detection". *IEEE Sensors Journal*. **9**, (12),1942-1951.
- Arslan, F. (2008). "An Amperometric Biosensor for Uric Acid Determination Prepared From Uricase Immobilized in Polyaniline-Polypyrrole Film". *Sensors*. 5492 – 5500.
- Arslan, F., Ustabas, S., dan Arslan, H. (2011). "An Amperometric Biosensor for Glucose Determination Prepared from Glucose Oxidase Immobilized in Polyaniline-Polyvinylsulfonate Film". *Sensors*. **11**, 8152-8163.
- Chen, J.-C., Chung, H.-H., dan Tsai, D. –M. (2005). "A Disposable Single Use Electrochemical Sensor For The Detection Of Uric In Human Whole Blood". *Sensors and Actuators B*. **110**, 364 – 369.
- Cho, W-J. dan Huang, H-J. (1998). "An Amperometric Urea Biosensor Based on A Polyaniline-Perfluorosulfonated Ionomer Composite Electrode". *Anal.Chem.* **70**. 3946-3951.
- Clark, L.C. (1956). "Monitor and Control of Blood and Tissue Oxygen Tensions". *Trans. Amer. Soc. Artif. Internal Organs*. **2**, 41,
- Chiang, J. C., dan Macdiarmid, A.G., (1986). "Polyaniline-Protonic Acid Doping of The Emeraldine Form To Metallic Regime". *Synth. Met.* **13**, (1-3), 193-205.
- Ekananda, Rizki. (2008). "Pembuatan dan Karakterisasi Biosensor Kolesterol dan Biosensor Glukosa".
- Ernst, H. dan Knoll. M. (2001). "Electrochemical Characterisation Of Uric Acid Ascorbic Acid At A Platinum Electrode". *Analitica Chimica Acta*. **449**, 129-134.
- Gunawan, B. (2010). "Aplikasi Sensor Kimia Sebagai Biosensor Berbasis DNA". UMK "Mawas". 1-17.
- Güven, O. (2007). "Radiation-Induced Conductivity Control in Polyaniline Blends/Composites". *Radiant. Phys. Chem.* **76**. 1302-1307.
- Harper, Charles A. (1974). *Handbook of Thick Film Hibrid Microelektronics*. New York : McGraw-Hill Book Company.

- Hiskia, Mambu, G.A., dan Kusharyoto, W. (2006). "Rancang Bangun Amperometric Biosensor Cholestrol Dengan Teknik Screen Printing". *Prosiding Seminar Nasional IPTEK Solusi Kemandirian Bangsa*. 643-549.
- Hsuch, C., dan Brajter-Toth, A. (1993). "Fast scan Voltametry in Aqueous Solutions at Carbon Fibre Ultramicro with Online iR Compensation". *Anal. Chem.* **65**. (11). 1570-1575.
- Kausaite-Minksticine, A., Mazeiko, V., Ramanaviciene, A., dan Ramanavicius, A. (2011). "Evaluation of Amperometric Glucose Biosensor Based on Glucose Oxidase Encapsulated Within Enzymatically Synthesized Polyaniline and Polypyrrole". *Sensors and Actuator B*. **158**, 278-285.
- Kiran, R., Scorsone, Emmanuel., Mailley, P., dan Bergonzo, P. (2012). "Quasi-Real Time Quantification of Uric Acid in Urine Using Boron Doped Diamond Microelectrode with in Situ Cleaning". *Analytical Chemistry*, ACS Publication. **84**, 10207 – 10213.
- Liberopoulos, E., Christides, D., dan Moses, E. "Comparative Effects of Losartan and Irbesartan on Serum Uric Acid in Hypersensitive Patients with Hyperuricemia and Gout". *Journal Hypertension*. **20**, 347.
- Malhotra, B.D., Chaubey, A., dan Singh, S.P. (2006). "Prospect of Conducting Polymers in Biosensors". *Analytical Chimica Acta*. **578**. 1. 59-74.
- Malinauskas, A. (1999). *Synth. Met.* **107**. 75.
- Manurung, R.V., Kurniawan, E. D., dan Risdian, C. (2012). "The Electropolymerization Of Conductive Polymer PPy-PANi On Gold Electrodes For Uric Acid Biosensor". *International Journal of Engineering & Technology IJET-IJENS*. **12**, (6), 91-94.
- Piermarini, S., Migliorelli, D., Volpe, G., Massaoud, R., Pierantozzi, A., Cortese, C., dan Palleschi, G. (2013). "Uricase Biosensor Based on A Screen-Printed Electrode Modified With Prussian Blue For Detection of Uric in Human Blood Serum". *Sensors and Actuator B : Chemical*. **179**, 170-174.
- Raman, A. (2007). *Material selection and applications in mechanical engineering*. New York : Industrial Press Inc.
- Ramanavicius, A. dan Ramanaviciene, A. (2006). "Electrochemical Sensors Based On Conducting Polymer-Polypyrrole". *Electrochimica acta*. **51**, 6025 – 6037.
- Reyes De Corcuera, J.I. dan Cavalieri, R.P. 2003, *Biosensors*, New York :Marcel Dekker.

- Ruiz, J.J., dan Rodriguez-Mellado, J.M. (1989). "New Aspects of Oxidation-reduction Mechanism of The Ascorbic-dehydroascorbic Acid System on The Dropping Mercury Electrode". *Journal of Chemical Society, Faraday Transaction*. **85**, 1567-1574.
- Tian, F., dan Zhu, G. (2002). "Bioenzymatic Amperometric for Glucose Based On Polypyrrole/Ceramic Carbon as Electrode Material". *Analytica Chimica Acta*. **451**. 251-258.
- Yildiz, H.B., dan Toppare, L. (2006). "Biosensing Approach for Alcohol Determination Using Immobilized Alcohol Oxidase". *Biosensors, Bioelectronics*. **21**, 2306-2310.
- Zawodzinski, T., Minter, S., dan Brisard, G. (2006). "Physical and Analytical Electrochemistry : The Fundamental Core of Electrochemistry". *The Electrochemical Society Interface*. 62-65.

