

DAFTAR PUSTAKA

- Alkan, M., Hopa, C., Yilmaz, Z., and Guler, H., 2005, **The Effect of Alkali Concentration and Solid/Liquid Ratio on the Hydrothermal Synthesis of Zeolite NaA from Natural Kaolinite**, *Microporous and Mesoporous Material*, 86: 176-184.
- Anke, M., 1986, *Trace Elements in Human and Animal Nutrition*, Edisi Kelima, Academic Press, Orlando.
- Ardakani, M.M., Akrami, Z., Kazemian, H., and Zare, H. R., 2006, **Electrocatalytic Characteristics of Uric Acid Oxidation at Graphite-Zeolite-Modified Electrode Doped with Iron (III)**, *Journal of Electroanalytical Chemistry*, 586: 31-38.
- Ariyanto, T., Prasetyo, I., and Rochmadi, 2012, **Pengaruh Struktur Pori Terhadap Kapasitas Elektroda Superkapasitor yang Dibuat dari Karbon Nanopori**, *Reaktan*, 14(1): 25-32.
- Baerlocher, C.H., McCusker, L.B., and Olson, D.H., 2007, *Atlas of Zeolite Framework Types*, 6th edition, Elsevier Science, Amsterdam.
- Bagheri, H., Afkhami, A., Shirzadmehr, A., and Khofsafar, H., 2014, **A New Nano Composite Modified Carbon Paste Electrode as a High Performance Potentiometric Sensor for Nanomolar Tl(I) Determination**, *Journal of Molecular Liquids*, 197: 52-57.
- Busta, M.S., 2018, **Pengaruh Kreatinin, Asam Askorbat, dan Asam Urat pada Analisis Glukosa Menggunakan Elektroda Pasta Karbon Termodifikasi *Molecularly Imprinted Polymer* (MIP) dari Monomer Asam Metakrilat secara Potensiometri**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.
- Campbell, N.A., Reece, J.B., and Mitchell, L.G., 2002, *Biologi*, Jilid 1 Edisi Kelima, Alih Bahasa Lestari, R., Safitri, A., Simarmata, L., dan Hardani, H. W. (eds), Erlangga, Jakarta.
- Catral, R.W., 1997, *Chemical Sensors*, Oxford University Press, New York.
- Cejka, J., Bekkum, H. V., Corma, A., and Schueth, F., 2007, *Introduction to Zeolite Science and Practice*, 3rd Revised Edition, Elsevier Science, Amsterdam.
- Cundy, C.S. and Cox, P.A., 2005, **The Hydrothermal Synthesis of Zeolites: Precursors, Intermediates and Reaction Mechanism-Review**, *Microporous and Mesoporous Materials*, 82: 1-78.

- Day, R.A. and Underwood, A.L., 1980, *Quantitative Analysis*, 4th Edition, Prentice-Hall Inc., New Jersey.
- Destyorini, F., Suhandi, A., Subhan, A., dan Indayaningsin, N., 2010, **Pengaruh Suhu Karbonisasi terhadap Struktur dan Konduktivitas Listrik Arang Serabut Kelapa**, *Jurnal Fisika*, 10(2): 122-132.
- Fessenden, R.J. and Fessenden, J.S., 1992, *Kimia Organik*, Jilid 2, Edisi Ketiga, Erlangga, Jakarta.
- Garcia, J.H., Afsah, S., Blackman, A., and Sterner, T., 2013, *Environmental Regulation and Public Disclosure: The Case of Proper in Indonesia, Resources of The Future*, Routledge Taylor and Francis Group, New York.
- Harmita, 2004, **Petunjuk Pelaksanaan Validasi Metode dan Cara Perhitungannya**, *Majalah Ilmu Kefarmasian*, 1(3): 117-135.
- Harvey, D., 2000, *Modern Analytical Chemistry*, McGraw-Hill, United States of America.
- Hendayana, S., Kadarohman, A., Sumarna, A.A., dan Suprisna, A., 1994, *Kimia Analitik Instrumen*, Edisi Pertama, IKIP Semarang Press, Semarang.
- Horvai, G., 1997, **The Matched Potential Method, A Generic Approach to Characterize the Differential Selectivity of Chemical Sensors**, *Sensors and Actuators B: Chemical*, 43(1-3): 94-98.
- Houssin, C.J.Y., 2003, *Nanoparticles in Zeolite Synthesis*, Eindhoven University of Technology, Netherlands.
- Huang, A., Wang, N., and Caro, J., 2012, **Synthesis of Multi-Layer Zeolite LTA Membranes with Enhanced Gas Separation Performance by Using 3-Aminopropyltriethoxysilane as Interlayer**, *Microporous and Mesoporous Materials*, 164: 294-301.
- Ilmiyah, B., 2015, **Modifikasi Elektroda Pasta Karbon-Imprinted Zeolit sebagai Sensor Potensiometri Glukosa Darah**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.
- Jamilatun, S., dan Martomo, S., 2014, **Pembuatan Arang Aktif dari Tempurung Kelapa dan Aplikasinya untuk Penjernihan Asap Cair**, *Spektrum Industri*, 12(1): 1-112.
- Kee, L.J. dan Hayes, E.R., 1993, *Farmakologi: Pendekatan Proses Keperawatan*, Buku Kedokteran EGC, Jakarta.
- Khasanah, M., Mudasir, M., Kuncaka, A., Sugiharto, E., Supriyanto, G., and Wafiroh, S., 2010, **Enhancement of the Sensitivity and Selectivity of the**

Voltammetric Sensor for Uric Acid Using Molecularly Imprinted Polymer, *Indonesian Journal of Chemistry*, 3: 295-300.

- Kustyarini, L., 2016, **Pengembangan Elektroda Pasta Karbon/MIP dengan Monomer Asam Metakrilat untuk Analisis Glukosa secara Potensiometri**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.
- Kutner, W., Wang, J., L'her M., and Buck, R.P., 1998, **Analytical Aspect of Chemically Modified Electrodes: Classification, Critical Evaluation and Recommendations**, *Pure and Applied Chemistry*, 70: 1301-1318.
- Meng, L., Jiang, H., Chen, R., Gu, X., and Jin, W., 2011, **Template-Free Synthesis of TS-1 Zeolite Film on Tubular Mullite Support**, *Applied Surface Science*, 257: 1928-1931.
- Merck, 2001, *The Merck Index*, 13th Edition, John Wiley and Sons, New York.
- Murray, R. K., Granner, D.K., Mayes P.A., dan Rodwell, V. W., 1999, *Biokimia Harper*, Edisi ke-27, Buku Kedokteran EGC, Jakarta.
- Murresan, L.M., 2011, **Zeolite-Modified Electrodes with Analytical Applications**, *Applied Chemistry*, 83(2): 325-343.
- Noryani I., 2015, **Pengembangan Elektroda Pasta Karbon/Molecularly Imprinted Polymer (MIP) dengan Monomer Melamin dan Kloranil sebagai Sensor Potensiometri Glukosa**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.
- Park, S., Boo, H., and Chung, T.D., 2006, **Electrochemical Non-Enzymic Glucose Sensors**, *Analytica Chimica Acta*, 556(1): 46-57.
- Payra, P. and Dutta, P.K., 2003, *Zeolites: A Primer, Handbook of Zeolite Science and Technology*, Marcel Dekker, Inc., Columbus.
- Pretsch, P., Blix, H.S., Viktil, K.K., Reikvam, A., Moger, T.A., and Hjemaas, B.J., 2004, **The Majority of Hospitalised Patients Have Drug-Related Problems: Results from a Prospective Study in General Hospitals**, *European Journal of Clinical Pharmacology*, 60: 651–658.
- Qin, C., Chen, Y., and Gao, J., 2014, **Manufacture and Characterization of Activated Carbon from Marigold Straw (*Tagetes erecta* L) by H₃PO₄ Chemical Activation**, *Materials Letter*, 135: 123-126.
- Rachmawati, M., 2017, **Pengembangan Elektroda Pasta Karbon-Imprinted Zeolit sebagai Sensor Potensiometri Kreatin**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.

- Rahman, M. M., Ahammad, S. A. J., Jin, J.H., Ahn, S.J., and Lee, **Comprehensive Review of Glucose Biosensors Nanostructured Metal-Oxides**, *Sensor*, 10: 4855-4886.
- Rios, C.A., Williams, C.D., and Fulen, M.A., 2009, **Nucleation and Growth History of Zeolite LTA Synthesized from Kaolinite by Two Different Methods**, *Applied Clay Science*, 42: 446-454.
- Rindarti, R. R., 2016, **Modifikasi Elektroda Pasta Karbon dengan Imprinted Zeolit sebagai Sensor untuk Analisis Kreatinin secara Potensiometri**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.
- Rakhma, S.A., 2018, **Pengaruh Asam Urat, Urea, dan Kreatin pada Analisis Glukosa secara Potensiometri Menggunakan Elektroda Pasta Karbon Termodifikasi Imprinted Zeolit**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.
- Roviana, W., 2017, **Analisis Glukosa secara Potensiometri Menggunakan Elektroda Pasta Karbon Termodifikasi Molecularly Imprinted Polymer**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.
- Sacher, R. A. dan McPherson, R. A., 2004, *Tinjauan Klinis Hasil Pemeriksaan Laboratorium*, Edisi 11, Buku Kedokteran EGC, Jakarta.
- Scholz, F., 2010, *Electroanalytical Methods: Guide to Experiments and Applications*, Second, Revised, and Extended Edition, Springer-Verlag, Berlin Heidelberg.
- Shofiyah, M.R., 2016, **Analisis Glukosa dalam Darah secara Potensiometri Menggunakan Elektroda Pasta Karbon – Imprinted Zeolit**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya
- Silverstein, R.M., Webster, F.X., and Kiemle, D.J., 2005, *Spectrometric Identification of Organic Compounds*, 7th edition, John Wiley & Sons, New York.
- Siregar, C.J.P. dan Wikarsa, S., 2010, *Teknologi Farmasi Sediaan Tablet Dasar-Dasar Praktis*, Buku Kedokteran EGC, Jakarta.
- Skoog, D.A., Holler F. J., Crouch, S.R., and West, D. M., 2014. *Fundamental of Analytical Chemistry*, 9th Edition, Sounders College Publishing, New York.
- Smitha, S., Shajesh, P., Aravind, P.R., Rajesh, K.S., Pillai, P.K., and Warriar K.G.K., 2006, **Effect Aging Time and Concentration of Aging Solution on the Porosity Characteristic of Subcritically Dried Silica Aerogels**, *Microporous and Mesoporous Materials*, 91: 286-292.

- Soetomo, A.H., 2012, **Pembuatan Karbon Aktif dari Limbah Kulit Singkong dengan Menggunakan Furnace**, *Skripsi*, Fakultas Teknik, Universitas Diponegoro, Semarang.
- Subiyono, Martsiningsih, Gabrella, Denni, dan Atik, M., 2016, **Gambaran Kadar Glukosa Darah Metode GOD-PAP (Glucose Oxidase – Peroxidase Aminoantipirin) Sampel Serum dan Plasma EDTA (Ethylene Diamine Terta Acetate)**, *Jurnal Teknologi Laboratorium*, 5(1): 45-48.
- Suryaatmadja, M., 2003, *Pendidikan Berkesinambungan Patologi Klinik*, Bagian Patologi Klinik Fakultas Kedokteran Universitas Indonesia, Jakarta.
- Syafitri, I., 2018, **Pengaruh Asam Urat, Asam Askorbat, dan Kreatinin pada Analisis Glukosa secara Potensiometri Menggunakan Elektroda Pasta Karbon Termodifikasi *Molecularly Imprinted Polymer* dengan Monomer Metil Metakrilat**, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.
- Taverniers, I., Loose, M.D., and Bocktaele, E.V., 2004, **Trends in Quality in the Analytical Laboratory II Analytical Method Validation and Quality Assurance**, *Trends in Analytical Chemistry*, 23: 1-8.
- Titus, P. M., Bausach, M., Lorens, J., and Cunnil, F., 2008, **Preparation of Inner-Side Tubular Zeolite NaA Membranes in a Continuous Flow System**, *Separation and Purification Technology*, 59: 141-150.
- Treacy, M.M.J. and Higgins, J.B., 2007, *Collection of Simulated XRD Powder Patterns for Zeolites*, Published on behalf of the structure Commission of the International Zeolite Association, USA.
- Wang, J., Wang M., Guan, J., Wang, C., and Wang, G., 2016, **Construction of a Non-Enzymatic Sensor Based on the Poly (o-phenylenediamine) / Ag-NPs composites for Detecting Glucose in Blood**, *Materials Science and Engineering C*, 71: 844-851.
- Verdiansyah, 2016, **Pemeriksaan Fungsi Ginjal**, *Cermin Dunia Kedokteran*, 43(2): 148-154.
- Yasuda, E., Inagiki, M., and Kateko, K., 2003, *Carbon Alloys: Novel Concepts to Develop Carbon Science and Technology*, Elsevier Science Ltd., Kiddington.
- Zhang, T., Chai, Y., Yuan, R., and Guo, J., 2012, **Potentiometric Detection of Silver (I) Ion Based on Carbon Paste Electrode Modified with Diazo-Thiophenol-Functionalized Nanoporous Silica Gel**, *Material Science and Engineering C*, 32: 1179-1183.