

**DAFTAR PUSTAKA**

- Ackacha, M. A., dan Drmoon, M., 2012, Adsorption of Malachite Green Dye onto Novel Adsorbent: Tamarix Aphylla Leaves, *Environment and Civil Engineering*, 141 – 145.
- Amini, M., Arami, M., Mahmmodi, N. M., dan Akbari, A., 2011, Dye Removal from Colored Textile Wastewater Using Acrylic Grafted Nanomembrane, *Desalination*, 267, 107–113.
- Asgher, M., dan Bhatti, H. N., 2012, Evaluation of Thermodynamics and Effect of Chemical Treatments on Sorption Potential of Citrus Waste Biomass for Removal of Anionic Dyes from Aqueous Solutions, *Ecol. Eng*, 38, 79–85.
- Canadian Food Inspection Agency, 1992, *Animal Products Directorate, Fish, Seafood and Production*. (2005, June 6), [http://www.inspection.gc.ca/english/anima/fispoi/commun/com06\\_06\\_05e.shtml](http://www.inspection.gc.ca/english/anima/fispoi/commun/com06_06_05e.shtml)
- Chen, C. C., Lu, C. S., Chung, Y. C., dan Jan, J. L., 2007, UV Light Induced Photodegradation of Malachite Green on TiO<sub>2</sub> Nanoparticles, *Journal of Hazardous Materials*, 141, 520–528.
- Choi, J., 2010, Development of Visible-Light-Active Photocatalyst for Hydrogen Production and Environmental Application, *Thesis*, California Institute of Technology, Pasadena.
- Clesceri, L. S., Greenberg, A. E., dan Eaton, A. D., 1998, *Standard Methods for the Examination of Water and Wastewater*, 20th Edition, APHA American Public Health Association, USA.
- Food Safety Network, 2005, Malachite Green, [www.foodsafetynetwork.ca](http://www.foodsafetynetwork.ca), 1-866-50-FSNET.
- Gokulakrishnan, S., Parakh, P., dan Prakash, H., 2012, Degradation of Malachite green by Potassium persulphate, its enhancement by 1,8-dimethyl-1,3,6,8,10,13-hexaazacyclotetradecane nickel(II) perchlorate complex, and Removal of Antibacterial activity, *Journal of Hazardous Materials*, 213–214, 19–27.
- Gupta, N., Kushwaha, A. K., dan Chattopadhyaya, M. C., 2011, Application of Potato (*Solanum tuberosum*) Plant Wastes for The Removal of Methylene Blue and Malachite Green Dye From Aqueous Solution, *Arabian Journal of Chemistry*, 07, 021.
- Gupta, V. K., dan Suhas, 2009, Application of Low-Cost Adsorbents for Dye Removal –a review, *J. Environ. Manage*, 90, 2313–2342.
- Jalil, A. A., Satar, M. A. H., Triwahyono, S., Setiabudi, H. D., Kamarudin, N. H. N., Jaafar, N. F., Sapawe, N., dan Ahamad, R., 2013, Tailoring the Current

- Density to Enhance Photocatalytic Activity of CuO/HY for Decolorization of Malachite Green, *Journal of Electroanalytical Chemistry*, 701, 50–58.
- Kariyajjanavar, P., Narayana, J., dan Nayaka, Y. A., 2011, Degradation of Textile Wastewater by Electrochemical Method, *Hydrology Current Research*, 2, 2157-7587.
- Kariyajjanavar, P., Narayana, J., Nayaka, Y. A., dan Umanaik, M., 2010, Electrochemical Degradation and Cyclic Voltammetric Studies of Textile Reactive Azo Dye Cibacron Navy WB, *Portugaliae Electrochimica Acta*, 28, 265-277.
- Khattab, I. A., Shaffei, M. F., Shaaban, N. A., Hussein, H. S., dan El-Rehim, S. S. A., 2014, Comparison Between Fixed and Fluidized Bed Cathodes and Effect of Supporting Electrolyte in Electrochemical Removal of Copper Ion from Dilute Solutions, *Egyptian Journal of Petroleum*, 1 – 5.
- Lee, D. G., 2008, Effect of Scale During Electrochemical Degradation of Naphthalene and Salicylic Acid, *Thesis*, Civil Engineering, Machigan State University, USA.
- Lee, G. J., dan Pyun, S. I., 2007, Synthesis and Characterization of Nanoporous Carbon and Its Electrochemical Application to Electrode Material for Supercapacitors, *Department of Materials Science and Engineering, Korea Advanced Institute of Science and Technology*, Republic of Korea.
- Li, S. H., Zhao, Y., Chu, J., Li, W. W., Yu, H. Q., dan Liu, G., 2013, Electrochemical Degradation of Methyl Orange on Pt–Bi/C Nanostructured Electrode by a Square-Wave Potential Method, *Electrochimica Acta*, 92, 93– 101.
- Li, W., Yaping, Z., dan Junbo, W., 2013, Studies on Electrochemical Degradation of Malachite Green, *Advanced Materials Research*, 864 – 867, 1542 – 1545.
- Liu, W., Liu, P. B., Cao, Y. J., dan Liao, Z. W., 2011, Study on the Degradation of Malachite Green by TiO<sub>2</sub>-ZnO Nanocomposition, *Bioinformatics and Biomedical Engineering*, 1 – 3.
- Long, C., Mai, Z., Zhu, B., Zou, X., Gao, Y., dan Huang, X., 2008, New oxidant used for the post-column derivatization determination of Malachite Green and Leucomalachite Green residues in cultured aquatic products by high-performance liquid chromatography, *Journal of Chromatography A*, 1203, 21–26.
- Mitrowska, K., Posyniak, A., dan Zmudzki, J., 2005, Determination of Malachite green and Leucomalachite green in Carp Muscle by Liquid Chromatography with Visible and fluorescence Detection, *Journal of Chromatography A*, 1089, 187–192.

- Mohan, Dhade, Anuradha, S., Tom, Sinoy, E., dan Shaikh, H., 2011, Biodegradation of Textile Dyes By Pseudomonas Species and E.Coli, *VRSD Technical and non-Technical journal*, 2, 238-248.
- Nihalani, Shamta, Vijay, Ankita, Tripathi, Nupur, dan Bhardwaj, S., 2012, Photo Catalytic Water Treatment by an Eco Friendly Process- BaO<sub>3</sub>TiO.SrO<sub>3</sub>TiO used in Degradation of Malachite Green and Crystal Violet in Aqueous Suspension, *IOSR Journal of Applied Chemistry (IOSR-JAC)*, 2, 20-26.
- Pepprah, E. S., 2007, Degradation of Polycyclic Aromatic Hydrocarbons (PAHs) in Aquous Media Using Alternating Current, *Dissertation*, Departement of Civil and Environment, Michigan State University, USA.
- Rahman, M. M., Mollah, M. Y. A., Rahman, M. M., dan Susan, Md. A. Bin H., 2013, Electrochemical Behavior of Malachite Green in Aqueous Solutions of Ionic Surfactants, *ISRN Electrochemistry*, 2013, 1 – 12.
- Rao, A., N., S., dan Venkatarangaiah, V., T., 2014, The Effect of Cathode Materials on Indirect Electrochemical Oxidation of Methyl Orange, Malachite Green and Methylene Blue, *Portugaliae Electrochimica Acta*, 32, 213-231.
- Sabnis, R. W., 2008, *Handbook of Acid – Base Indicator*, Taylor & Francis Group, USA.
- Sherma, J., dan Fried, B., 2003, *Handbook of Thin-Layer Chromatography*, Marcel Dekker, Inc., USA.
- Singh, A., Manju, Rani, S., dan Bishnoi, N. R., 2012, Malachite green Dye Decolorization on Immobilized Dead Yeast Cells Employing Sequential Design of Experiments, *Ecological Engineering*, 47, 291– 296.
- Singh, S., Srivastava, V. C., dan Mall, I. D., 2013, Electrochemical Treatment of Malachite Green Dye Solution Using Iron Electrode, *International Journal of ChemTech Research*, 5, 592-596.
- Soloman, P. A., Basha, C. A., Velan, M., dan Balasubramanian, N., 2010, Electro oxidation of Malachite Green and Modeling Using ANN, *Chem. Biochem. Eng. Q.*, 24, 445–452.
- Souza, Renata, Beraldo, Alencar, de, dan Ruotolo, Luís, Augusto, Martins, 2013, Phenol Electrooxidation in Different Supporting Electrolytes Using Boron-Doped Diamond Anodes, *International Journal of Electrochemical Science*, 8, 643 – 657.
- Srinivasan, A., dan Viraraghavan, T., 2010, Decolorization of Dye Wastewaters by Biosorbents: a review, *J. Environ. Manage*, 91, 1915–1929.

- Suresh, T., dan Annadurai, G., 2013, Synthesis, Characterization and Photocatalytic Degradation of Malachite Green Dye using Titanium Dioxide Nanoparticles, *International Journal of Research in Environmental Science and Technology*, 2249–9695.
- Thomas, F. G., dan Henze, G., 2001, *Introduction to Voltammetric Analysis Theory and Practice*, CSIRO Publishing, Collingwood.
- Zayed, S. I. M., dan Arida, H. A. M., 2013, Preparation of Carbon Paste Electrodes and Its Using in Voltammetric Determination of Amiloride Hydrochloride Using in the Treatment of High Blood Pressure, *International Journal of Electrochemical Science*, 8, 1340 – 1348.
- Zhou, X. J., Guo, W. Q., Yang, S. S., Zheng, H. S., dan Ren, N. Q., 2013, Ultrasonic-assisted Ozone Oxidation Process of Triphenylmethane Dye Degradation: Evidence for The Promotion Effects of Ultrasonic on Malachite Green Decolorization and Degradation Mechanism, *Bioresource Technology*, 128, 827–830.