

DAFTAR PUSTAKA

- Bilal, M., Shah, J.A., Ashfaq, T., Gardazi, S.M.H., Tahir, A.A., Pervez, A., et al., 2013, Waste Biomass Adsorbents For Copper Removal From Industrial Wastewater-A Review, *J. Hazard. Mater.*, 263, 322–333.
- Burrows, H.D., Ernestova, L.S., Kemp, T.J., Skurlatov, Y.I., Purmal, A.P., and Yermakov, A.N., 1998, Kinetics and Mechanism of Photodegradation of Chlorophenols, *Prog. React. Kinet. Mech.*, 23, 145–207.
- Chen, L., Ma, J., Li, X., Zhang, J., Fang, J., Guan, Y., and Xie, P., 2011, Strong Enhancement On Fenton Oxidation By Addition of Hydroxylamine to Accelerate The Ferric And Ferrous Iron Cycles, *Environ. Sci. Techno*, 45, 3925–3930.
- Day, R.A., dan Underwood, A.L., 2002, *Analisis Kuantitatif*, diterjemahkan oleh Sofyan, Erlangga, Jakarta.
- Darmono, 1995, *Logam dan Sintesis Biologi Mahkluk Hidup*, UI-Press, Jakarta.
- Deng, Y. and Englehardt, J.D., 2006, Treatment of Landfill Leachate By The Fenton Process, *Water Res.*, 40, 3683–3694.
- Goel, J., Kadirvelu, K., Rajagopal, C., and Garg, V.K., 2005, Removal of Lead(II) By Adsorption Using Treated Granular Activated Carbon: Batch and Column Studies, *J. Hazard. Mater.*, 125, 211–220.
- Hoffmann, M.R., Martin, S.T., Choi, W., and Bahnemannt, D.W., 1995, Environmental Applications of Semiconductor Photocatalysis, 95, *Chem. Rev.*, 69–96.
- Hong, S.H., Kwon, B.H., Lee, J.K., and Kim, I.K., 2008, Degradation of 2-Chlorophenol by Fenton and Photo-Fenton Processes, *Korean J. Chem. Eng.*, 25, 46–52.
- Issabayeva, G., Aroua, M.K., and Sulaiman, N.M.N., 2006, Removal of Lead From Aqueous Solutions on Palm Shell Activated Carbon, *Bioresour. Technol.*, 97, 2350–2355.
- Iyamoto, A.M., Akano, S.N., Agai, K.N., Ishikawa, N.K., Hyama, K.O., Oyama, T.A., et al., 2017, Development of an Evaluation Method for Hydroxyl Radical

Scavenging Activities Using Sequential Injection Analysis with Chemiluminescence Detection, *Anal. Sci.*, 33, 697–701.

Iyer, S., Sengupta, C., and Velumani, A., 2015, Lead Toxicity: An overview of Prevalence in Indians, *Clin. Chim. Acta*, 451, 161–164.

Karimi, H., 2017, Effect of pH and Initial Pb(II) Concentration on The Lead Removal Efficiency from Industrial Wastewater Using Ca(OH)₂, *Int. J. Water Wastewater Treat.*, 3, 1–4.

Karri, V., Schuhmacher, M., and Kumar, V., 2016, Heavy Metals (Pb, Cd, As And MeHg) As Risk Factors For Cognitive Dysfunction: A General Review of Metal Mixture Mechanism in Brain, *Environ. Toxicol. Pharmacol.*, 48, 203–213.

Karthik, R. and Meenakshi, S., 2015, Removal of Pb(II) and Cd(II) Ions From Aqueous Solution Using Polyaniline Grafted Chitosan, *Chem. Eng. J.*, 263, 168–177.

Kavitha, V. and Palanivelu, K., 2005, Destruction of Cresols by Fenton Oxidation Process, *Water Res.*, 39, 3062–3072.

Malakootian, M., Almasi, A., and Hossaini, H., 2008, Pb and Co Removal From Paint Industries Effluent Using Wood Ash, *Int. J. Environ. Sci. Technol.*, 5, 217–222.

Malato, S. and Gernjak, W., 2005, Photo-Fenton Degradation of Diclofenac: Identification of Main Intermediates and Degradation Pathway, *Int. J. Environ. Sci. Technol.*, 39, 8300–8306.

Manahan, S.E., 2003, *Toxicological Chemistry and Biochemistry. Third Edition*, Lewis Publisher, United States of America.

Matlock, M.M., Howerton, B.S., and Atwood, D.A., 2002, Chemical Precipitation of Lead From Lead Battery Recycling Plant Wastewater, *Ind. Eng. Chem. Res.*, 41, 1579–1582.

Mir, S.A., Bhat, A.S., and Ahangar, A.A., 2014, A New Fenton Assay For Hydroxyl Radical Scavengers By Monitoring Catechol Oxidation, *Int. J. Pharm. Tech. Res.*, 6, 759–768.

Murray, A. and Örmeci, B., 2018, Use of Polymeric Sub-Micron Ion-Exchange Resins For Removal of Lead, Copper, Zinc, and Nickel From Natural Waters, *J. Environ. Sci.*, 4, 1–8.

- Murruni, L., Leyva, G., and Litter, M.I., 2007, Photocatalytic Removal of Pb(II) over TiO₂ and Pt-TiO₂ powders, *Catal. Today*, 129, 127–135.
- Naseem, R. and Tahir, S.S., 2001, Removal of Pb(II) From Aqueous/Acidic Solutions By Using Bentonite As An Adsorbent, *Water Res.*, 35, 3982–3986.
- Neamtu, M., Yediler, A., Siminiceanu, I., and Kettrup, A., 2003, Oxidation of commercial Reactive Azo Dye Aqueous Solutions By The Photo-Fenton And Fenton-Like Processes, *J. Photochem. Photobiol. A. Chem.*, 161, 87–93.
- Pignatello, J.J., Oliveros, E., and MacKay, A., 2006, Advanced Oxidation Processes For Organic Contaminant Destruction Based on The Fenton Reaction And Related Chemistry, *Crit. Rev. Environ. Sci. Technol.*, 36, 1–84.
- Priadi, C.R., Anita, Sari, P.N., and Moersidik, S., 2014, Industri Keramik Oleh Limbah Tanah Liat, *Reaktor*, 15, 10–19.
- Ramos, R.L., Jacome, L.A.B., Barron, J.M., Rubio, L.F., and Coronado, R.M.G., 2002, Adsorption of Zinc(II) From An Aqueous Solution Onto Activated Carbon, *J. Hazard. Mater.*, 90, 27–38.
- Samet, Y., Hmani, E., and Abdelhedi, R., 2012, Fenton and Solar Photo-Fenton Processes for the Removal of Chlorpyrifos Insecticide in Wastewater, *Water SA*, 38, 537–542
- Salgado, P., Melin, V., Contreras, D., Moreno, Y., and Mansilla, H.D., 2013, Fenton Reaction Driven By Iron Ligands, *J. Chil. Chem. Soc.*, 58, 2096–2101.
- Shemer, H., Kac, Y., and Linden, K.G., 2006, Degradation of the Pharmaceutical Metronidazole Via UV, Fenton and Photo-Fenton Processes, *Chemosphere*, 63, 269–276.
- Shukla, V., Shukla, P., and Tiwari, A., 2018, Lead poisoning, *Indian J. Med. Spec.*, 9, 146–149.
- Spurgeon, D.J., Hopkin, S.P., and Jones, D.T., 1994, Effects of Cadmium, Copper, Lead and Zinc on Growth, Reproduction and Survival of The Earth Worm *Eisenia Fetida* (Savigny): Assessing The Environmental Impact of Point-Source Metal Contamination In Terrestrial Ecosystem, *Environ. Poll.*, 84, 123–130.
- Tanaka, K., Harada, K., and Murata, S., 1986, Photocatalytic Deposition of Metal Ions Onto TiO₂ Powder, *Sol. Energy*, 36, 159–161.

- Tian, X., Gong, Y., Wu, Y., Agyeiwaa, A., and Zuo, T., 2014, Management of used lead acid battery in China: Secondary lead industry progress, policies and problems, *Resour. Conserv. Recycl.*, 93, 75–84.
- Venkatadri, R. and Peters, R.W., 1993, Chemical oxidation technologies: ultraviolet light/hydrogen peroxide, Fenton's reagent, and titanium dioxide-assisted photocatalysis, *Haz. Waste & Haz. Mater.*, 993, 107–149.
- Wang, J.L. and Xu, L.E.J.I.N., 2011, Advanced Oxidation Processes for Wastewater Treatment: Formation of Hydroxyl Radical and Application, *Crit. Rev. Environ. Sci. Technol.*, 37–41.
- Xing, G., Pham, A.N., Miller, C.J., and Waite, T.D., 2018, pH-Dependence of Production of Oxidants (Cu(III) and/or HO) By Copper-Catalyzed Decomposition of Hydrogen Peroxide Under Conditions Typical of Natural Saline Waters, *Geochim. Cosmochim. Acta*, 232, 30–47.
- Xiu, F. and Zhang, F., 2009, Recovery of Copper And Lead From Waste Printed Circuit Boards By Supercritical Water Oxidation Combined With Electrokinetic Process, *J. Hazard. Mater.*, 165, 1002–1007.
- Yu, F., Xu, D., Lei, R., Li, N., and Li, K., 2008, Free-Radical Scavenging Capacity Using the Fenton Reaction with Rhodamine B as the Spectrophotometric Indicator, *J. Agric. Food Chem.*, 56, 730–735.
- Zhao, X., Yang, G., Wang, Y., and Gao, X., 2004, Photochemical Degradation of Dimethyl Phthalate by Fenton Reagent, *J. Photochem. Photobiol. A. Chem.*, 161, 215–220.