

DAFTAR PUSTAKA

- Agus, C., Sukandarrumidi, dan Wintolo, J., 2005, Dampak Limbah Cair Hasil Pengolahan Emas Terhadap Kualitas Air Sungai dan Cara Mengurasi Dampak dengan Menggunakan Zeolit : Studi Kasus Penambangan Emas Tradisional di Desa Jendi Kecamatan Selogiri Kabupaten Wonogiri Provinsi Jawa Tengah, *Manusia dan Lingkungan*, 12(1), 13-19.
- Chen, X., Ji, H., Yang, W., Zhu, B., and Ding, H., 2016, Speciation and Distribution of Mercury in Soils Around Gold Mines Located Upstream of Miyun Reservoir, Beijing, China, *J. Geochem. Explor.*, 163, 1-9.
- Cheung, C. W., Porter, J. F., and McKay, G., 2002, Sorption Kinetics for the Removal of Copper and Zinc from Effluents Using Bone Char, *Sep. Purif. Technol.*, 19(1-2), 55-64.
- Cobbina, S.J., Myilla, M., and Michael, K., 2013, Small Scale Gold Mining and Heavy Metals Pollution : Assesment of Drinking Water Source in Datuku in The Talensi-Nabdam District, *Intl. J. Sci. Technol.*, (2), 1.
- Do, D.D. 1998. *Adsorption Analysis: Equilibria and Kinetics*. Imperial College Press. London, England.
- Elick, M.J., Peak, J.D., Brady, P.V., and Pesek, J.D., 1999, Kinetics of Pb Absorption Desorption on Goethite: Residence Time Effect. *Soil Sci.*, 164, 28-39
- Essumang, D., K., Dodoo, D. K., Obiri, S., and Yaney, J. Y., 2007, Arsenic, Cadmium, and Mercury in Cocoyam (*Xanthosoma sagittolium*) and Water cocoyam (*Colocasia esculenta*) in Tarkwa, a Mining Community, *Bull. Environ. Contam. Toxicol.*, 79, 377-379.
- Facchinelli, A., Sacchi, E., and Mallen, L., 2001, Multivariate Statistical and GIS-Based Approach to Identify Heavy Metal Sources in Soils, *Environ. Pollut.*, 114, 313-324.
- Gupta, V. K., Agarwal, S., and Saleh, T. A., 2010, Synthesis and Characterization of Alumina-Coated Carbon Nanotubes and Their Application for Lead Removal, *J. Hazard. Mater.*, 185(1), 17-23.
- Hanson, R., Dodoo, D. K., Essumang, D. K., Blay Jr, J., and Yankson, K., 2007, The Effect of some Selected Pesticides on the Growth and Reproduction of Fresh Water *Oreochromis niloticus*, *Chrysichthys nigrodigitatus* and *Clarias gariepinus*, *Bull. Environ. Contam. Toxicol.* 79:544-547
- Hou, T., Chen, M., Greene, G. W., and Horn, R. G., 2015, Mercury Vapor Sorption and Amalgamation with a Thin Gold Film, *ACS Appl. Mater. Interfaces*, 7, 23172-23181.
- He, L.P., Sun, S.Y., Mu, Y.Y., Song, X.F., and Yu, J.G., 2016, Recovery of Lithium, Nickel, Cobalt, and Manganese from Spent Lithium-Ion Batteries Using L-Tartaric Acid as a Leachant, *ACS, Sustainable*

Chem. Eng.

- Jing, Y.D., He, Z.L., Yang, X.E., 2007, Effect of pH, organic acids, and Competitive Cations on Mercury Desorption in Soil, *Chemosphere*, 69, 1662-1669.
- Kontogiannopoulos, Kostantinos N., Patsios, Sotiris I., and Karabelas, Anastasios J., 2016, Tartaric Acid Recovery from Winery Less Using Cation Exchange Resin: Optimization by Response Surface Methodology, *Sep. Purif. Technol.*, 165, 32-41.
- Lim, T. T., Tay, J. H., and Teh, C. I., 2002, Contamination Time Effect on Lead and Cadmium Fractination in a Tropical Coastal Clay, *J. Environ. Qual.*, 31, 806 – 812
- Mall, I.D., Srivastava, and V.C., Agarwal, N.K. 2006. Removal of Orange-G and Senyawa organik Dyes by Adsorption onto Bagase Fly Ash – Kinetic Study and Equilibrium Isotherm Analyses. *Dyes and Pigments*. 69, 210- 223.
- Manahan, S. E., 1994, *Environmental Chemistry, 6th Edition*, CRC Press, Boca Raton
- Mielke, H. W., Laidlaw, M.A.S., and Gonzales, C.R., 2011, Estimation of Leaded (Pb) Gasoline's Continuing Material and Health Impacts on 90 US Urbanized Areas, *Environ. Int.*, 37 (1), 248–257.
- Mustafa, G., Singh, B., and Kookana, R. S., 2004, Cadmium Adsorption and Desorption Behaviour on Goethite at Low Equilibrium Concentrations : Effects of pH and Index Cations, *Chemosphere*, 57, 1325-1333.
- Nascimento, C.W.A., Amarasiriwardena, D., and Xing, B., 2006, Comparison of Natural Organic Acids and Synthetic Chelates at Enhancing Phytoextraction of Metals from a Multi-Metal Contaminated Soil, *Environ. Pollut.*, 140, 114-123.
- Ning, L., Liyuan, Y., Jirui, D., and Xugui, P., 2011, Heavy Metal Pollution in Surface Water of Linglong Gold Mining Area, China, *Procedia Environ. Sci.*, 10, 914-917.
- Obiri, S., 2007, Determination of Heavy Metals in Boreholes in Dumasi in the Wassu West District of Western Region of the Republic of Ghana, *Environ. Monit. Assess.*, 130: 455-463.
- Oscik, J., and Cooper, I. L., 1982. *Adsorption*. Ellis Horwood Limited. England.
- Qureshi, A. I., 2016, Intensive Blood-Pressure Lowering in Patients with Acute Cerebral Hemorrhage, *N. Engl. J. Med.*, 1-11.
- Rashti, M. R., Esfandbod, M., Adhami, E., and Srivastava, P., 2014, Cadmium Desorption Behaviour in Selected Sub-Tropical Soils : Effects of Soil Properties, *J. Geochem. Explor.*, 144, 230-236.
- Reis, A. T., Davidson, C. M., Vale, C., and Pereira, E., 2016, Overview and

- Challenges of Mercury Fractionation and Speciation in Soils, *TrAC, Trends Anal. Chem.*, 82, 109-117.
- Romkens, P. F. and Dolfing, J., 1998, Effect of Ca on the Solubility and Molecular Size Distribution of DOC and Cu Binding in Soil Solution Samples, *Environ. Sci. Technol.*, 32, 363-369.
- Setiabudi, B. T., 2005, Penyebaran Merkuri Akibat Usaha Penambangan Emas di Daerah Sangon, Kabupaten Kulon Progo, D.I. Yogyakarta, *Kolokim Hasil Lapangan-DIM*
- Singh, N., Koku, J.E., and Balfors, B., 2007, Resolving Water Conflicts in Mining Areas of Ghana Through Public Participation A Communication Perspective, *Journal of Creative Communications*, 2, 361-382.
- Ulusoy, Y., Tekin, Y., Tumsavas, Z., and Mouazen, A. M., 2016, Prediction of Soil Cation Exchange Capacity Using Visible and Near Infrared Spectroscopy, *J. Biosystems Eng.*, 03, 005.
- Uslu, H., and Inci, I., 2009, Adsorption Equilibria of L-(+)-Tartaric Acid onto Alumina, *J. Chem. Eng.*, 54, 7.
- Vega, F. A., Covelo, E. F., and Andrade, M. L., 2006, Competitive Sorption and Desorption of Heavy Metals in Mine Soils : Influence of Mine Soil Characteristics, *J. Colloid Interface Sci.*, 298, 582- 592.
- Veiga, M. M., Angeloci, G., Hitch, M., and Lopez, P. C. V., 2014, Processing Centres in Artisanal; Gold Mining, *J. Cleaner Prod.*, 64, 535-544.
- Wallschläger, D., Desai, M. V. M., Spengler, M., and Wilken, R. D., 1998, Mercury Speciation in Flood Plain Soils and Sediments Along A Contaminated River Transect, *J. Environ. Qual.*, 27, 1034- 1044.
- Wang, Zhi-Hang., Yue, Bao-yu., Teng, Jie., Jiao, Fei-Peng., Jiang, Xin-Yu., Yu, Jin-gang, Zhong, Ming., and Chen, Xiao-Qing., 2016, Tartaric Acid Modified Graphene Oxide as a Novel Adsorbent for High-Efficiently Removal of Cu(II) and Pb(II) from Aqueous Solutions, *J. Taiwan Inst. Chem. Eng.*, 66, 181-190.
- Xin, K., Pei-Jun, L., Qi-xing, Z., Yun, Z., and Tie-heng, S., 2006., Removal of Heavy Metal from a Contaminated Soil Using Tartaric Acid, *J. Environ. Sci.*, 18(4), 727-733.
- Yang, J.Y., Yang, X.E., He, Z.L., Li, T.Q., Shentu, J.L., and Stoffella, P.J., 2006, Effect of pH, Organic Acids, and Inorganic Ions on Lead Desorption from Soils, *Environ. Pollut.*, 143, 9-15.