

DAFTAR PUSTAKA

- Abbes, I.B., Bayouhd, S., dan Baklouti, M., 2007., The Removal of Hardness of Water Using Sulfonated Waste Plastic, *Desalination*, 222, 81-86.
- Allen, S.E., 1998, *Chemical Analysis of Ecological Materials*, Blackwell Scientific Publications, London.
- Anonim, 2014, *Peraturan Menteri Lingkungan Hidup No 5 Tahun 2014 Tentang Baku Mutu Limbah Cair Bagi Kegiatan Industri*.
- Anonim, 2002, *Arctic Pollution 2002*, Arctic Monitoring and Assessment Programme, Oslo.
- Anonim, 1999, *Integrated Risk Information System on Styrene*, National Center for Environmental Assesement, Washington, DC.
- Anonim, 1998, *Assessment report: Arctic pollution issues*, Arctic Monitoring and Assessment Programme, Oslo.
- Azwar, A., 1996, *Menjaga Mutu Kesehatan*, Sinar Harapan, Jakarta.
- Brasquet, C., Rousseau, B., Estrade-Szwarckopf, H., dan Cloirec, 2000, Observation of Activated Carbon with SEM and AFM, Correlation With Adsorption Data In Aqueous Solution, *Carbon*, 38, 407-422.
- Bortoleto, G., Macarovscha, G.T., dan Cadore S., 2004, Determination of Cadmium by Flame-Atomic Absorption Spectrometry After Preconcentration on Silica Gel Modified with Cupferron, *J. Braz. Chem. Soc.*, 15(2), 313-317.
- Campbell, P.G., 2006, Cadmium-A priority pollutant, *Toxicol. Environ. Chem.*, 6(3), 387-388.
- Cheng, H.F., 2006, Cu(II) Removal From Lithium Bromide Refrigerant by Chemical Precipitation and Electrocoagulation, *Sep. Purif. Technol.*, 52, 191-195.
- Elabd, Y.A., dan Napandensky, E., 2004, Sulfonation and characterization of poly(styrene-isobutylene-styrene) triblock copolymers at high ion-exchange capacities, *Polym J.*, 45, 3037-3043.
- Fessenden, R.J., dan Fessenden, J.S., 1982, *Kimia Organik Jilid 1 Edisi Ke-3*, Erlangga, Jakarta.

- Huang, C.C., dan Su. Y.J., 2010, Removal of Copper Ions from Wastewater by Adsorption/Electrosorption on Modified Activated Carbon Cloths, *J. Hazard. Mater.*, 175, 477-483.
- Ivezic, V., Loncaric, Z., Engler, M., Kerovec, D., dan Singh, B.R., 2013, Comparison of Different Extraction Methods Representing Available and Total Concentrations Of Cd, Cu, Fe, Mn, and Zn in Soil, *PoljoPrivreda*, 19, 53-58.
- Jamal, E., Meta, W., Ristny, F., Mukti, W., dan Erma, M., 2007, *Pembuatan Membran Fuel Cell dari limbah plastik LDPE (Low Density Poli-Etilene)*, Penerbit ITB, Bandung.
- Javadian, H., Ghorbani, F., dan Tayebi, H., 2015, Study of The Adsorption of Cd(II) From Aqueous Solution Using Zeolite-Based Geopolymer, Synthesized From Coal Fly Ash: Kinetic, Isotherm And Thermodynamic Studies, *Arabian J. Chem.*, 8(6), 837-849.
- Klaassen, C.D., 2001, *Toxicology the Basic Science of Poisons*, McGraw-Hill, New York.
- Maludinzka, G., 1990, *Dictionary of Analytical Chemistry*, Elseiver, New York.
- Martins, C.R., Ruggeri, G., dan Paoli, M.D., 2003, Synthesis in Pilot Plant Scale and Physical Properties of Sulfonated Polystyrene, *J. Braz. Chem. Soc.*, 5(14), 797-802.
- Memon, S.Q., Bhangar, M.I., Hasany, S.M., dan Khuhawar, M.Y., 2006, Sorption Behavior of Impregnated *Styrofoam* for The Removal of Cd(II) Ions, *Colloids Surf. A.*, 279, 142-148.
- Miskolczia, N., 2004, Thermal Degradation of Municipal Plastic Waste for Production of Fuel-Like Hydrocarbons, *Polym. Degrad. Stab.*, 86(2), 357.
- Mahmoud, E.M., Abdou, A.E., dan Ahmed, S.B., 2015, Conversion of Waste *Styrofoam* into Engineered Adsorbents for Efficient Removal of Cadmium, Lead, and Mercury from Water, *Sustainable Chem. Eng.*, 4, 819-827.
- Morrow, H., Weinberg, D.B., dan Money, K.L., 2001, Nickel-Cadmium Battery Collection and Recycling Programs In The USA and Canada, *Industrial Chem. Lib.*, 10, 105-117.
- Page, A.L., Amamy, M.M., dan Chang, A.C., 1986, *Cadmium In The Environment and Its Entry Into Terrestrial Food Chain Crops*, Handbook of Experimental Pharmacology, Springer-Verlag, Heidelberg.

- Palar, H., 2004, *Pencemaran dan Toksikologi Logam Berat*, Rineka Cipta, Jakarta.
- Powell, K.J., Brown, P.L., Byrne, R.H., Gadj, T., Hefter, G., Leuz, A., Sjoberg, S., dan Wanner, H., 2011, Chemical Speciation of Environmentally Significant Metals with Inorganic Ligands Part 4: The Cd²⁺ - OH⁻, Cl⁻, CO₃²⁻, SO₄²⁻, dan PO₄³⁻ System (IUPAC Technical Report), *Pure Appl. Chem.*, 83(5), 1163-1214.
- Roque, E.C., Omapas, M.R., Puebla, A.C., Rivera, M.J., Tocaldo, J.E., Villagracia, dan Arcega, A., 2015, Evaluation of The Efficiency of Sulfonated Polystyrene in The Removal of Cd²⁺ From Groundwater, *J. Eng. Sci. Tech.*, 2, 24-35.
- Schurtzendubel, A., dan Polle, A., 2002, Plant Responses to Abiotic Stresses: Heavy Metal-Induced Oxidative Stress and Protection by Mycorrhization, *J. Exp. Bot.*, 372, 53.
- Sulkowski, W.W., Nowak, K., Sulkowska, A., Wolinska, A., dan Mikula, B., 2009, Study of The Sulfonation of Expanded Polystyrene Waste And of Properties of The Products Obtained, *Pure Appl. Chem.*, 12(81), 2417-2424.
- Stumm, W., dan Morgan, J.J., 1996, *Aquatic Chemistry*, John Wiley and Sons, New York.
- Tugba, S.K., Esengul, K., Sabrie, P.O., dan Esin, K., 2010, Preparation and Characterization of P2FAn/PVDF Composite Cation-Exchange Membranes for The Removal of Cr(III) and Cu(II) by Donnan Dialysis, *React. Funct. Polym.*, 70, 900-907.
- Winter, H., 1982, The Hazards of Cadmium In Man And Animals, *J. App. Toxicol.*, 2(2), 61-67.