



DAFTAR PUSTAKA

- Alamsyah, B., 2007, Pengelolaan Limbah di Rumah Sakit Pupuk Kaltim Bontang untuk memenuhi baku Mutu Lingkungan, *Tesis*, Program Magister Ilmu Lingkungan UNDIP, Semarang
- Anonim, 2009, *Cyprofloxacin*, Bayer Health Care Pharmaceuticals Inc., U.S.A.
- Arnaut, L., Formosinho, S., and Burrows, H., 2007, Chemical Kinetics from Molecular Structure to Chemical Reactivity, Elsevier, Amsterdam
- Astuti, 2012, Sintesis Mg-Al-NO₃ dan Mg-Al-Cl Diklofenak melalui Reaksi Penukaran Anion, *Tesis*, Fakultas MIPA UGM, Yogyakarta
- Baki, M., 2008, Molecular Simulation Application Synthesis and Characterization of Layered Double Hydroxide in Search of Anionic Clays, *Thesis*, The University of Texas At El Paso, Texas
- Cavani, F., Tiifiro, F., and Yaccari, A., 1991, Hydrotalcite-Type Anionic Clays Preparation, Properties and Application, *Catal Today*, 11, 173-301
- Channa, M.A., Ashfaq, M., Mastoi, S.M., and Qurehi, M.A., 2006, Effect of Cyprofloxacin on Growing Cartilage in Albino Rat Pups, *J. Ayub. Med. Coll. Abbottabad*, 18(3), 50-54
- Giyatmi, 2003, Efektivitas pengolahan limbah cair rumah sakit Dokter Sardjito Yogyakarta terhadap pencemaran radioaktif, *Tesis*, Pasca Sarjana Ilmu Lingkungan Universitas Gadjah Mada, Yogyakarta
- Harsachatri, D.O., 2013, Efek Ciprofloxacin terhadap Perkembangan Rangka Fetus Mencit Galur Balb C (*Mus musculus*), *Skripsi*, Fakultas MIPA Universitas Negeri Malang, Malang
- Hickey, L., Kloprogge, J.T., and Frost, R.L., 2000, The Effect of Hydrothermal treatments on magnesium-aluminium hydrotalcites, *J. Mater. Sci.*, 35, 4347-4355
- Karmanto, 2006, Sintesis Mg/Al Hydrotalcite sebagai Adsorben Asam Humat, *Skripsi*, Fakultas MIPA UGM, Yogyakarta
- Kumar, P., Kalinichev, A., and Kirkpatrick, R.J., 2005, Hydration swelling, Interlayer Structure and Hydrogen Bonding in Organolayered Double Hydroxide: Insights from Molecular Dynamics Simulation of Citrate Intercalated Hydrotalcite, *J. Phys. Chem.*, 110, 3841-3844
- Kusnoputranto, H., 1986, *Kesehatan Lingkungan*, Penerbit Fakultas Kesehatan Masyarakat Universitas Indonesia, Jakarta



- Manggalari, J.A., 2009, Sintesis Mg-Al-Fosfat Hydrotalcite dan aplikasinya sebagai Adsorben Ion Pb, *Skripsi*, Fakultas MIPA UGM, Yogyakarta
- Martoprawiro, M.A., 2005, *Kimia Dasar: Konsep-Konsep Inti*, (diterjemahkan dari Chang, R., 2003, *General Chemistry: The Essentials Concepts*, The McGraw-Hill, New York), Erlangga, Jakarta
- Mohanasundaram, J., and Mohanasundaram, S., 2001, Effect of Duration of Treatment on Cyprofloxacin Induced Arthropathy in Young Rats, *Indian J. Pharmacol.*, 33, 100-103
- Moore, W.J., 1995, *Physical Chemistry*, 2nd Ed., Prentice-Hall Inc., Great Britain
- Mudasir, Wahyuni, E.T., dan Suratman, A., 2001, *Kimia Analisis Instrumental I*, Fakultas MIPA UGM, Yogyakarta
- Nindyasari, F., Roto, and Tahir, I., 2008, Removal of Hexacyanoferrat(II) Using Zn-Al-OAc Hydrotalcite as an Anion Exchanger, *J. Phys. Sci.*, Vol. 20(2), 78-84
- Palmer, S.J., Frost, R.L., and Nguyen, T.M., 2009, Hydrotalcites and their role in coordination of anions in Bayer liquor: Anion binding in layered double hydroxides, *Coord. Chem. Rev.*, 253(1-2), 250-267
- Puspitasari, E., 2008, Sintesis hidrotalsit Al-Fe-(CN)₆ dan Zn-Al-Cr₂O₇ dan Zn-Al-NO₃ dan Zn-Al-OAc melalui reaksi penukaran anion, *Skripsi*, FMIPA UGM, Yogyakarta
- Rives, V., 2001, *Layered Double Hydroxide: Present and Future*, Nova Science Publishers Inc., New York
- Roto, 2005, Electron and Ion Transport in Redox Active Transition Metal Layered Double Hydroxide, *Thesis*, University of New Brunswick, Canada
- Roto, Tahir, I., dan Sholihah, U.N., 2008, Synthesis of Hydrotalcite Zn-AL-SO₄ as Anion Exchanger and Its Application to Treat of Pollutant Contained Hexacyanoferrat(II), *Indones. J. Chem.*, 8(3), 307-313
- Seftel, E.M., Popovici, E., Pode, V., and Bandur, G., 2007, Synthesis, Characterization and Thermal Behavior of Hydrotalcite-Type Mg, Zn, Al, *Rev. Roum. Chim.*, 52(11), 1033-1037
- Sharma, S.K., Kushwaha, P.K., Srivastava, V.K., Bhatt, S.D., and Jasra, R.V., 2007, Effect of Hydrothermal of Conditions on Structural and Textural Properties of Synthetic Hydrotalcites of Varying Mg/Al Rasio, *Ind. Eng. Chem. Res.*, 46, 4856-4865



- Silion, M., Popa, M.I., Lisa, G., and Hritcu, D., 2008, New Hybrid Compounds Containing Intercalated Ciprofloxacin Into Layered Double Hydroxides: Synthesis And Characterization, *Rev. Roum. Chim.*, 53(9), 827-831
- Silverio, F., Reis, M.Jd., Tronto, J., Valim, J.B., 2013, Sorption of Aspartic and Glutamic Aminoacids on Calcined Hydrotalcite, *Springer Plus*, 2, 211
- Sukasri, A., 2014, Sintesis Zn-Al-Amoksisilin Hidrotalsit Melalui Penukaran Ion, *Tesis*, FMIPA UGM, Yogyakarta
- Suminar, A., 2001, *Prinsip-Prinsip Kimia Modern*, (diterjemahkan dari Oxtoby, D.W., Gillis, H.P., dan Nachtrieb, N.H., 1987, *Principles of Modern Chemistry*, Saunders College Pub, Philadelphia), Erlangga, Jakarta
- Suminar, A., 1992, *Kimia Dasar Prinsip dan Terapan Modern*, (diterjemahkan dari Petrucci, R.H and Harwood, W.S., 1997, General Chemistry Principles and Modern Applications, Prentice-Hall International Inc., New Jersey), Erlangga, Jakarta
- Syukri, S., 1999, *Kimia Dasar I*, Penerbit ITB, Bandung
- West, A.R., 1984, *Solid State Chemistry and Its Application*, John Wiley & Sons Ltd., New York
- Weyers, A.I., Ugnia, L.I., Ovando, H.G. and Gorla, N.B., 2002, Cyprofloxacin increase hepatic and renal lipid hydroperoxide levels in mice, *Biocell*, 26(2), 225-228
- Whitten, K.W., Davis, R.E., Peck, M.L., and Stanley, G.G., 2013, *Chemistry*, 10th Ed., Cengage Learning, Canada
- Wiyantoko, B., Kurniati, P., Purbaningtias, T.E., and Fatimah, I., 2014, Synthesis and Characterization of Hydrotalcite at Different Mg/Al Molar Ratios, *Procedia Chem*, 17(2015), 21 – 26
- Xu, Z., Fan, J., Zheng, S., Ma, F., and Yin, D., 2009, On the Adsorption of Tetracycline by Calcined Magnesium-Aluminum Hydrotalcite, *J. Environ. Qual.*, 38, 1302-1310
- Zahra, A., 2011, Skrining Panjang Gelombang Serapan Maksimum Tablet Siprofloksasin Di Pasar Pramuka Dengan Spektrofotometer UV-Vis, *Skripsi*, Fakultas Kedokteran UIN Syarif Hidayatullah, Jakarta