

DAFTAR PUSTAKA

- Al-Rasheed, R.A., 2005, *Water Treatment by Heterogeneous Photocatalysis An Overview*, Presented at 4th SWCC Acquired Experience Symposium, Jeddah.
- Anonim, 1982, <http://plants.usda.gov/core/profile?symbol=AVBI>, diakses tanggal 20 Desember 2016.
- Bond, G.C., and Thompson, D.T., 2000, Gold-Catalyzed Oxidation of Carbon Monoxide, *Gold Bulletin*, 33(2), 41-50.
- Burrows, H.D., Erenestova, L.S, Kemp, T.J., Skurlatov, Y.I., Purmal, A.P., and Yermakov, A.N., 1998, Kinetics and Mechanism of Photodegradation of Chlorophenols, *Sci. Technol. Lett.*, 23, 145-207.
- Chen, D., dan Ray, A.K., 2001, Removal of toxic metal ion from waste water by semiconductor photokatalisis, *Chem. Eng. Sci.*, 36, 1561-1570.
- Connel, D.W., dan Miller, G.J., 1995, *Kimia dan Ekotoksikologi Pencemaran*, (diterjemahkan oleh Koestoer, Y.), Universitas Indonesia Press, Jakarta.
- Coronel, R.E., 1983, *Promising Fruits of The Philippines*, College of Agriculture, Univ, Philippines at Los Banos, Laguna.
- Cotton, F.A., Wilkinson, G., Muvillo, C.A., and Bochmann, M., 1999, *Advanced Inorganic Chemistry*, Sixth Edition, John Willey & Sons Inc., New York.
- Day, R.A., dan Underwood A.L., 2002, *Analisis Kimia Kuantitatif*, (diterjemahkan oleh Spoyan, I.), Edisi Keenam, Erlangga, Jakarta.
- Dean, J.A., 1999, *Lange's Handbook of Chemistry*, Fifteenth Edition, Mc Graw Hill, Inc., London.
- Deplanche, K., and Macaskie, L.E., 2007, Biorecovery of Gold by *Escherchia coli* and *Desulfovibrio desulfuricans*, *Biotechnol. Bioeng.*, 99, 1055-1064.
- Dewi, S.R., 2010, Aplikasi Humin dari Tanah Gambut untuk Adsorpsi Reduksi AuCl₄ dalam Larutan, *Tesis*, Program Pascasarjana FMIPA UGM, Yogyakarta.
- Dorfman, L.M., and Adams, G.E., 1973, Reactivity of Hidroxyl Radical in Aqueous Solutions, *Phys. Chem.*, 5, 1811-1824.
- Ekawati, D., 2010, Pengaruh Penambahan Asam Askorbat dari Jeruk Peres terhadap Efektivitas Fotoreduksi Ion Ag(I), *Skripsi*, FMIPA UGM, Yogyakarta.
- Fitriani, A.N.H., 2007, Kajian Pengaruh Konsentrasi Awal, Waktu Paparan dan Adanya Asam Oksalat terhadap Fotoreduksi Ion Cu(II) Terkatalisis TiO₂, *Skripsi*, FMIPA UGM, Yogyakarta.

- Geoffroy, N., and Cardarelli, F., 2005, A Method for Leaching or Dissolving Gold from Ores or Precious Metal Scrap, *JOM*, August, 2005, 47-50.
- Gimeno, M.C., 2008, *The Chemistry of Gold*, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim.
- Habashi, F., 2005, *Gold-An Historical Introduction*. Dalam Willis, B.A., *Advances in Gold Ore Processing*, Vol. 15, Elsevier, Amsterdam.
- Hart, H., 1990, *Kimia Organik: Suatu Kuliah Singkat*, (diterjemahkan oleh Suminar, A.), Edisi Keenam, Erlangga, Jakarta.
- Hiskey, J.B., 1985, Gold and Silver Extraction : The Application of Heap-Leaching Cyanidation, *Arizona Bureau of Geology and Mineral Technology Fields Notes*, 15(4), 1-5.
- Honary, S., Fathabad, E.G., Paji, Z.K., and Eslamifar, M., 2012, A Novel Biological Synthesis of Gold Nanoparticle by *Enterobacteriaceae* Family, *Trop J. Pharm. Res.*, 11(6), 887-891.
- Ismilayli, N., 2009, Aplikasi Asam Humat Tanah Gambut Rawa Pening untuk Adsorpsi Reduktif AuCl_4^- dalam Larutan, *Tesis*, Program Pascasarjana FMIPA UGM, Yogyakarta.
- Janick, J., and Paul, R.E., 1989, *The Encyclopedia of Fruits and Nuts*, CABI Walingford, London.
- Kartika, L., 2009, Pemanfaatan Asam Oksalat dari Bayam untuk Meningkatkan Efektivitas Fotoreduksi Ion Hg(II), *Skripsi*, FMIPA UGM, Yogyakarta.
- Khasanah, U., 2013. Metode Fotoreduksi untuk Pengambilan Emas dengan Penambahan Asam Organik dari Belimbing Wuluh, *Skripsi*, FMIPA UGM, Yogyakarta.
- Kuncaka, A., dan Rini, P., 2007, Role of Dithizone in Enhancing of Faradic Efficiency on the Electrowinning of Golds from its Extracted Salt System of Tetra-n butyl ammonium chloroform, *1st International Conference on Chemical Science*, Yogyakarta.
- Lee, J.D., 1994, *Concise Inorganic Chemistry*, Fourth Edition, Chapman & Hall, London.
- Lennox, A., and Ragoonath, J., 1990, Carambola and Bilimbi, *Fruits*, Paris, 45(5), 497-501.
- Mahesti, N.D., 2014, Kajian *Recovery* Logam Perak dari Limbah Fotografi Menggunakan Asam Organik dari Limbah Buah Sayur sebagai Reduktor dan Pengaruh Penambahan Gas N_2 , *Tesis*, Program Pascasarjana FMIPA UGM, Yogyakarta.
- Manahan, S.E., 1999, *Environmental Chemistry*, Seventh Edition, Lewish Publisher, London.

- Martina, I., 2009, Kajian Pengaruh Asam Oksalat dari Bayam pada Penghilangan Ion Ag(I) melalui Metode Fotoreduksi, *Skripsi*, FMIPA UGM, Yogyakarta.
- Mucharam, F., 2009, Pengujian Metode Fotoreduksi Terkatalisis TiO₂ untuk Pengolahan Emas, *Skripsi*, FMIPA UGM, Yogyakarta.
- Nakajima, A.H., 2003, Accumulation of Gold by Microorganisms, *World J. Microbiol Biotechnol.*, 19, 369-374.
- Nakbanponte, W., Thiravetyan, P., and Kalambaheti, C., 2002, Comparison of Gold Adsorption by *Chlorella vulgaris*, Rice Husk and Activated Carbon, *Miner. Eng.*, 15, 549-552.
- Nurhayati, 2014, Pengaruh Ion Cu(II) dan Fe(III) terhadap Efektivitas Reduksi Ion [AuCl₄]⁻ oleh Sinar UV dan Asam Oksalat, *Tesis*, Program Pascasarjana FMIPA UGM, Yogyakarta.
- Octaviani, A.M., 2009, Pengaruh ion Cu(II) dan Zn(II) terhadap Efektivitas Fotoreduksi Ion Hg(II) yang Dikatalisis TiO₂, *Tesis*, Program Pascasarjana FMIPA UGM, Yogyakarta.
- Parajuli, D., Khunathai, K., Adhikari, C.R., Inoue, K., Ohto, K., Kawakita, H., Funaoka, M., and Hirota, K., 2009, Total Recovery of Gold, Palladium and Platinum Using Lignophenol Derivatives, *Miner. Eng.*, 22, 1173-1178.
- Prasetya, N.B.A., 2009, Pemanfaatan Buah Ketimun (*Cucumis sativus*) sebagai sumber Asam Oksalat dan Penambahan Ion Fe(III) untuk Meningkatkan Efektivitas Fotoreduksi ion Cr(VI) Terkatalisis TiO₂, *Tesis*, FMIPA UGM, Yogyakarta.
- Pushpakumara, D.K.N.G., Gunasena, H.P.M., and Singh, V.P., 2007, Underutilized Fruits Trees in Sri Lanka, *World Agroforestry Centre*, 452-463.
- Ramadhan, R.A., 2012, Memepelajari Pengambilan Logam Cu dari Konsentrat Batuan Tembaga dengan Penggunaan Sinar UV dan Penambahan Asam Organik dari Buah Belimbing Wuluh (*Averrhoa bilimbi* L.), *Skripsi*, FMIPA UGM, Yogyakarta.
- Ramesh, A., Hasegawa, H., Sugimoto, W., Maki, T., and Ueda, K., 2008, Adsorption of Gold(III), Platinum(IV), and Palladium(II) onto Glycine Modified Crosslinked Chitosan Resin, *J.Biores. Tech.*, 99, 3801-3809.
- Reith, F., Etschmann, B., Grosse, C., Moors, H., Benotmane, M.A., Monsieurs, P., Grass, G., Doonan, C., Vogt, S., Lai, B., Criado, G.M., George, G.N., Nies, D.H., Mergeay, Pring, M.A., Southam, G., and Brugger, J.I., 2009, Mechanisms of Gold Biomineralization in the Bacterium *Cupriavidus Metallidurans*, *PNAS Early Edition*, 1-6.

- Setiono, L., dan Pudjaatmaka, A.H., 1990, *Buku Teks Analisis Anorganik Kualitatif Makro dan Semimikro* (Terjemahan dari Vogel, 1997, Textbook Of Makro and Semimicro Qualitative Inorganic Analysis, Longman Group Limited, London), Bagian I, edisi kelima, PT. Kalman Media Pustaka, Jakarta.
- Silva, M., 1986, *Placer Gold Recovery Methods*, California Department of Conservation Division of Mines and Geology, California.
- Steele, I.M., Cabri, L.j., Gaspar, J.C., McMahon, G., Marquez, M.A., and Vasconcellos, M.A.Z., 2000, Comparative Analysis of Sulfides for Gold using SXRF and SIMS, *Can. Mineral*, 38, 1-10.
- Stum, W., and Morgan, J.J., 1996, *Aquatic Chemistry : Chemical Equilibria in Natural Water*, Third Edition, John Willey & Sons Inc., New York.
- Suharta, Surdia, N.M., Buchari, dan Onggo, D., 2007, Uji Selektivitas dan Penentuan Rekoveri Akhir pada Pemisahan Logam Emas dengan Metode Agregasi Hidrofobik, *JMS*, 5(1), 41-51.
- Sujono, F.F., 2011, Pengaruh Penambahan Asam Organik dari Limbah Kulit Jeruk Siem (*C. Nobilis* var *microcarpa*) untuk Pengolahan Emas dengan Metode Fotoreduksi, *Skripsi*, FMIPA UGM, Yogyakarta.
- Thakor, A.S., Jokorest, J., Zavaleta, C., Massoud, T.F., and Gambhir, S.S., 2011, Gold Nanoparticles: Arevival in Precious Metal Administration to Patients, *ACS Publication*, A-H.
- Thompson, D., 1998, New Advance in Gold Catalysis Part I, *Gold Bulletin*, 31(4), 111-118.
- Tiekink, E.R., 2002, Gold Derivatives for the Treatment of Cancer, *Crift. Rev. Oncol, Hematol*, 42(3), 225-248.
- Wang, S., Qian, K.Z., and Huang, W., 2009, Influence of Speciation of Aqueous HauCl_4 on the Synthesis, Structure, and Property of Au Colloids, *J. Phys. Chem.*, 113, 6505-6510.
- Wahyuningsih, D.H., 2014, Pengaruh Penambahan Asam Oksalat dan Asam Malonat pada Fotoreduksi Ion Hg(II), *Skripsi*, FMIPA UGM, Yogyakarta.
- Wilson, C., 1977, *Text Book of Organic Medicinal and Pharmaceutical Chemistry*, Seventh Edition, Lippinant Co., New York.
- Wardl, B., 2009, *Principles and Applications of Photochemistry*, edisi 1, John Wiley & Sons, United Kingdom.
- Young, C.A., and Jordan, T.S., 1995, Cyanide Remediation : Current and Past Technologies, *Proceedings of the 10th Annual Conference on Hazardous Waste Research*, 104-129.