

## DAFTAR PUSTAKA

- Aminah, Siti. 2018. *Karakteristik Batuan Bijih Emas. Kalimantan* : Politeknik Negeri Tanah Laut.
- Arham, La Ode., M, Fika R. Saputra, Hendra. 2020. *Studi Ekstraksi Bijih Emas Asal Pesawaran dengan Metode Pelindian Agitasi dalam Larutan Sianida*. Journal of Science and Applicative Technology vol. 4 (2), 2020, pp. 103-109
- Arinaldo, Pratama. 2016. *Pelindian Bijih Laterit dengan Asam Klorida*. Jakarta:UINSH.
- Arslan, F., Ozdamar. D, T., & Muduroglu, M. 2003. *Cyanidation of Turkish Gold-Silver Ore And The Use Of Hydrogen Peroxide*. The European Journal of Mineral Processing and Environmental Protection.3(3):309-315.
- Candra Budi Kartika. 2011. *Pengaruh Konsentrasi Kemurnian Serbuk Seng Pada Ekstraksi Emas Metoda Pengendapan Seng*. Jakarta : FT UI.
- Caruso, S.G. 1995. *The Chemistry of Cyanide Compounds and Their Behaviour in The Aquatic Environment*. Pittsburgh: Carnegie Mellon Institute of Research.
- Daneshpajoh, Shahram dan Mozdianfard, M. 2018. *Investigation of Kinetics and Mechanism of the Sulfating Roasting Process of Chalcopyrite Concentrate for Water-Leaching*. Bulgarian Chemical Communications, Volume 50, Special Issue L (pp. 310– 318) 2018
- Daniele Pugliesi. (2009). *Diagram cross-sectional dari Reaktor tangki berpengaduk*. [https://id.wikipedia.org/wiki/Reaktor\\_tangki\\_berpengaduk](https://id.wikipedia.org/wiki/Reaktor_tangki_berpengaduk). Diakses pada tanggal 29 juni 2023, pukul 11:44 WIB.
- Day, R.A. dan Underwood, A.L., 1999, *Analisis Kimia Kuantitatif*, Edisi Keenam, Erlangga, Jakarta.
- Day, X. dan Jeffrey, M.I. 2006. *The effect of sulfide minerals on the leaching of gold in aerated cyanide solutions*. Hydrometallurgy, 57(2), 113-129. doi:10.1016/S0304-386X(00)00114-2

- De Andrade Lima, L., Hoduin, D. 2015. *A Lumped Kinetic Model for Gold Ore Cyanidation*. Hydrometallurgy.
- Eric, D. B. 1984. *Some comment on the precision and accuracy of gold analysis in exploration*. Proceeding of Australian Institute of Mining and Metallurgy, 289.
- Mufakhir, Fika R., Sinaga, Jines M., Oediyan, Soesaptri., Astuti, Widi. 2019. Pelarutan Emas pada Pelindian Konsentrasi Emas Hasil Roasting Menggunakan Reagen Tiosianat. Jurnal Rekayasa Proses. UNTIRTA
- Gupta, C.K. 2003. *Chemical Metallurgy Principles and practice*. Wiley-vch, Germany. pp466.
- Habashi, F. 1967. *Kinetic and Mechanism of Gold and Silver Dissolution in Cyanide Solution*. Tim Babcock. Governor: State of Montana. Amerika Serikat.
- Haffty, J., Riley, L. B., Goss, W. D. 1977. *A Manual on fire assaying and determination of the noble metals in geological materials*. Geological Survey Bulletin: 1445.
- Kementerian Energi dan Sumber Daya Mineral. 2020. *Booklet Tambang Emas Perak 2020 – Peluang Investasi Emas-Perak Indonesia*. September. Kementerian ESDM. Jakarta.
- Kurnia, A. 2010. *Peningkatan Kualitas Bijih Emas Kadar Rendah dengan Metode Hidrometalurgi*. Institut Teknologi Sepuluh November. Surabaya.
- Lee, J.D. 1994. *Concise Inorganic Chemistry 4th edition*. Chapman & Hall: London.
- Manzilla Archippe Ngwey., Moyo, Thandazile., and Petersen, Jochen. 2022. *A Study on the Applicability of Agitated Cyanide Leaching and Thiosulphate Leaching for Gold Extraction in Artisanal and Small-Scale Gold Mining*. . Minerals. Vol. 12, 1291. <https://doi.org/10.3390/min1210129/>
- Marsden. J, C. lain House. 2009. *The Chemistry Of Gold Extraction*. Littleton, Colorado : Society for Mining, Metallurgy, and Exploration, Inc.
- Parga, J., Velenzuela, J dan Diaz, J. 2012. *New Technology for Recovery of Gold and Silver by Pressure Cyanidation Leaching and Electrocoagulation*. Croatia. INTECH Europe. 72-94.

- Petruk, W. *Applied Mineralogy in the Mining Industry*. Amsterdam, Elsevier, 118-122, 2000.
- Prasetyo, Yudi. 2011. *Scanning Electron Microscope (SEM) dan Optical Emission Spectroscopy*.  
<https://yudiprasetyo53.wordpress.com/2011/11/07/scanning-electron-microscope-sem-dan-optical-emission-spectroscopy-oes/>. 5 Juli 2022, pukul 11:39 WIB.
- PT. Antam Tbk. 2020. *Laporan Uji Industrial Arinem*. Unit Geomin & Technology Development Pt. Antam Tbk
- Rahim, E., Bahman, G., Akbar, A & Sepide, R. 2013. *The Effect Of Increasing Capacity On Gold Ore Plant*. Islamic Azad University.
- Rapele, Nanda P., Fajar, Nur ALam., Febriana, Fitri., Ridzuan, M. 2022. *Ekstraksi Emas dan Perak Menggunakan Thiourea*. Universitas Hasanuddin. Makasar.
- Rizalsyah, M. Fauzi. 2021. Analisis Penggunaan Reagen SD-0103 Pada Pelindian Konsentrat Flotasi Terhadap Persen Perolehan Emas & Perak Berdasarkan Parameter Pemurnian Dan Mineralogi Konsentrat. Yogyakarta. Universitas Pembangunan Nasional “Veteran” Yogyakarta.
- Rizwan. 2019. *Pengaruh Particle Size Terhadap Recovery Emas (Au) & Perak (Ag) Pada Sianidasi Agitated Leached Di Pt. Nusa Halmahera Minerals*. Politeknik ATI Makassar, Kementerian Perindustrian R.I.
- Saeed Karimi Nasab, A. H. 2007. *Technical Factors for Selecting Optimum Heap Leach Pad Sites*. E&MJ, 54-59.
- Sirsyah, Hanajit Ranu. 2018. *Studi Karakteristik Bijih Emas Aluvial Berkadar Besi Tinggi dari Distrik Mimika Papua dengan Metode Diagnostic Leaching dan Pulverized Bottle Roll Test*. ITB. Bandung.
- Srithammavut, W. 2008. *Modelling Of Gold Cyanidation*. Lappeenranta University Of Technology. Finlandia.
- Susiyadi, D, M., Dansa, I, W & Budiasih, E. 2013. *Pemisahan dan Karakterisasi Emas Dari Batuan Alam Dengan Metode Natrium Bisulfit*. Jurusan Kimia FMIPA Universitas Negeri Malang. Malang

Widyanugroho, A. 2012. *Scanning Electron Microscope (SEM)*.  
<http://anitawidynugroho.blogspot.com/2012/04/scanning-electron-microscopsem.html>. 5 Juli 2022, pukul 11:40 WIB.

Zanback & Carner. 2012. *Tanning in Mineral Processing and Extractive Metallurgy Metal*.

911 Metallurgist. *Fire Assay Furnace – Fusion*.  
<https://www.911metallurgist.com/equipment/fire-assay-furnace/>. Diakses pada tanggal 29 Juni 2023, pukul 13:44 WIB.