

DAFTAR PUSTAKA

- Archi Indonesia. (2021). *PT Archi Indonesia Tbk Investor Presentation Update-1H21*.
- Bal, S., Mahesh, D., Sen, T. K., & Ray, B. C. (2007). Effect of Changing Environments on Microstructure of HDPE Polymer. In *Journal of Minerals & Materials Characterization & Engineering* (Vol. 6, Issue 1).
- Botes, W. J. (2024). The benefits of using Aachen High Shear Reactors in gold tailings reprocessing from laboratory and plant evaluations. *The Southern African Institute of Mining and Metallurgy*, 15.
- Briliant, A. (2019). *Statistika: Teori dan Aplikasi untuk Penelitian*. Deepublish.
- Celep, O., Alp, I., Deveci, H., Fen Bilimleri Enstitüsü, D., Alp, İ., Deveci, H., Teknik Üniversitesi, K., Fakültesi, M., & Mühendisliği Bölümü, M. (2008). *APPLICATION OF DIAGNOSTIC LEACHING TECHNIQUE FOR REFRACTORY GOLD ORES REFRakter ALTIN CEVHERLERİ İÇİN TANIMLAYICI ÇÖZÜNDÜRME TEKNİĞİNİN UYGULANMASI APPLICATION OF DIAGNOSTIC LEACHING TECHNIQUE FOR REFRACTORY GOLD ORES*.
<https://www.researchgate.net/publication/236000013>
- CELEP, O., ALP, I., DEVECI, H., & VICIL, M. (2009). Characterization of refractory behaviour of complex gold/silver ore by diagnostic leaching. *Transactions of Nonferrous Metals Society of China (English Edition)*, 19(3), 707–713. [https://doi.org/10.1016/S1003-6326\(08\)60337-4](https://doi.org/10.1016/S1003-6326(08)60337-4)
- Chandra Sekhar, * K, Gupta, K. K., Bhattacharya, S., & Chakravarthy, S. (n.d.). The Determination of Gold in Ore Samples by Inductively Coupled Plasma Optical Emission Spectrometry(ICP-OES). In *Atomic Spectroscopy* (Vol. 25, Issue 4). <https://www.researchgate.net/publication/344510768>
- Dai, X., & Jeffrey, M. I. (2006). The effect of sulfide minerals on the leaching of gold in aerated cyanide solutions. *Hydrometallurgy*, 82(3–4), 118–125. <https://doi.org/10.1016/J.HYDROMET.2006.03.005>
- Dewi, I. A. (2023). *Statistika Terapan untuk Penelitian Eksperimen*. CV Budi Utama.
- Ellis, S., & Senanayake, G. (2004). The effects of dissolved oxygen and cyanide dosage on gold extraction from a pyrrhotite-rich ore. *Hydrometallurgy*, 72(1–2), 39–50. [https://doi.org/10.1016/S0304-386X\(03\)00131-2](https://doi.org/10.1016/S0304-386X(03)00131-2)
- ESDM. (2020). 06 BOOKLET ESDM EMAS - PERAK 2020 OK. *Kementrian Energi Dan Sumber Daya Mineral Republik Indonesia*.

- Field. (2013). *Discovering Statistics Using Ibm Spss*.
- Ghasemi, A., & Zahediasl, S. (2012). Normality tests for statistical analysis: A guide for non-statisticians. *International Journal of Endocrinology and Metabolism*, 10(2), 486–489. <https://doi.org/10.5812/ijem.3505>
- Ghozali, I. (2018). *Aplikasi Analisis Multivariate Dengan Program IBM SPSS 25*.
- Goodall, W. R., Scales, P. J., & Butcher, A. R. (2005). The use of QEMSCAN and diagnostic leaching in the characterisation of visible gold in complex ores. *Minerals Engineering*, 18(8), 877–886. <https://doi.org/10.1016/j.mineng.2005.01.018>
- Guner, M. K., Bulut, G., Hassanzadeh, A., Lode, S., & Aasly, K. (2023). Automated Mineralogy and Diagnostic Leaching Studies on Bulk Sulfide Flotation Concentrate of a Refractory Gold Ore. *Minerals*, 13(10). <https://doi.org/10.3390/min13101243>
- Habashi, F. (1967). Kinetics and Mechanism of Gold and Silver. *Department of Metallurgy Montana College of Mineral Science and Technology*.
- Habashi, F. (1999). *Textbook of Hydrometallurgy*. Métallurgie Extractive Québec.
- Habashi, F., & Deniz Bas, A. (n.d.). *Kinetics and Mechanism of Gold and Silver Dissolution In Cyanide Solution Related papers A review on electrochemical dissolution and passivation of gold during cyanidation in presence....*
- Hedenquist, J. (2000). *Exploration for Epithermal Gold Deposits*. <https://www.researchgate.net/publication/228840402>
- Kianinia, Y., Khalesi, M. R., Abdollahy, M., & Khodadadi Darban, A. (2019). Leaching of gold ores with high cyanicides: A physico-chemical modeling approach. *Journal of Mining and Environment*, 10(1), 87–94. <https://doi.org/10.22044/jme.2018.7099.1556>
- Kim, T. K. , & Park, J. H. (2019). More about the basic assumptions of t-test: Normality and sample size. *Korean Journal of Anesthesiology*, 331–335.
- La Brooy, S. R., Linge, H. G., & Walker, G. S. (1994). Review of gold extraction from ores. *Minerals Engineering*, 7(10), 1213–1241. [https://doi.org/10.1016/0892-6875\(94\)90114-7](https://doi.org/10.1016/0892-6875(94)90114-7)
- Lamberg, P., & Lund, C. (2015). *Geometallurgy-A tool for better resource efficiency*. <https://www.researchgate.net/publication/282152217>
- Levenspiel, Octave. (1999). *Chemical reaction engineering*. Wiley.
- Lorenzen, L. (1995). Some guidelines to the design of a diagnostic leaching experiment. *Minerals Engineering*, 8(3), 247–256. [https://doi.org/10.1016/0892-6875\(94\)00122-S](https://doi.org/10.1016/0892-6875(94)00122-S)

- Lotz, P., Van Der Merwe, J., Mogashoa, S., Flatman, S., & Imhof, R. (2015). *Aachen Reactors TM , a proven system to realize hidden economic potentials*.
- Lukman. (2020). Rock Tagurachi dan Tailing PT. Nusa Halmahera Minerals dan Studi Kemungkinan Pengolahannya Dengan Pelindian Tumpukan. *Institut Teknologi Bandung*.
- M. M. Pitoi. (2015). Sianida Klasifikasi, Toksisitas, Degradasi, Analisis(Studi Pustaka). *Jurnal MIPA UNSRAT Online*, 1–4.
- Maelgwyn. (2022). *Aachen High Shear Reactors For Increased Gold And Silver Recovery*. Maelgwyn Mineral Services Publication.
- Marsden, John., & House, C. Iain. (2006). *Chemistry of Gold Extraction* (Second Edition). Society for Mining, Metallurgy, and Exploration, Inc.
- Marsden, John., & House, C. Iain. (2009). *The Chemistry of Gold Extraction*. In Society for Mining, Metallurgy and Exploration, Inc. (Second).
- Meija, J., Coplen, T. B., Berglund, M., Brand, W. A., De Bièvre, P., Gröning, M., Holden, N. E., Irrgeher, J., Loss, R. D., Walczyk, T., & Prohaska, T. (2016). Atomic weights of the elements 2013 (IUPAC Technical Report). In *Pure and Applied Chemistry* (Vol. 88, Issue 3, pp. 265–291). Walter de Gruyter GmbH. <https://doi.org/10.1515/pac-2015-0305>
- Montgomer, D. (2014). *Applied Statistics and Probability for Engineers* (6th ed.).
- Napier-Munn, T. J. (1995). Detecting performance improvements in trials with time-varying mineral processes — Three case studies. *Minerals Engineering*, 8(8), 843–858. [https://doi.org/10.1016/0892-6875\(95\)00047-T](https://doi.org/10.1016/0892-6875(95)00047-T)
- Puspitaningrum, D. W. (2013). EKSTRAKSI EMAS DARI BATUAN MENGGUNAKAN METODE SIANIDASI DAN AMALGAMASI DENGAN PENAMBAHAN KETELA POHON. *Jurusan Kimia, FMIPA, Universitas Jember*.
- Putra, A. L., Kasdi, A., & Subroto, W. T. (2019). PENGARUH MEDIA GOOGLE EARTH TERHADAP HASIL BELAJAR BERDASARKAN KEAKTIFAN SISWA KELAS IV TEMA INDAHNYA NEGERIKU DI SEKOLAH DASAR. *Jurnal Review Pendidikan Dasar : Jurnal Kajian Pendidikan Dan Hasil Penelitian*, 5(3), 1034–1042. <https://doi.org/10.26740/jrpd.v5n3.p1034-1042>
- R. Kimland. (2017). Effect of Dissolved Oxygen on Pre-Oxidation and Cyanidation of Gold Ore Containing Sulfide Minerals: A Review. *Canadian Institute of Mining, Metallurgy and Petroleum*.
- Ramadhan, D. F., & Ramadhan, D. F. (2023). *STUDI TEKNIK PENINGKATAN DISSOLVED OXYGEN DENGAN MENGGUNAKAN SPARGER LANCE, PEROXIDE INJECTION DAN HIGH SHEAR REACTOR PADA PROSES*

PELINDIAN EMAS DAN PERAK DI PT INDO MURO KENCANA.
http://repository.pepbandung.ac.id/index.php?p=show_detail&id=254

- Rodríguez-Rodríguez, Y., Rivera-Borroto, O. M., & Rivero, L. P. (2018). Determination of Gold in Geological Samples Combining the Fire Assay and Ultraviolet Visible Spectrophotometry Techniques. *Academia Journal of Scientific Research*, 6(1), 27–033. <https://doi.org/10.15413/ajsr.2017.0112>
- Rubisov, D. H., Papangelakis, V. G., & Kondos, P. D. (1996). Fundamental kinetic models for gold ore cyanide leaching. *Canadian Metallurgical Quarterly*, 35(4), 353–361. [https://doi.org/10.1016/S0008-4433\(96\)00019-5](https://doi.org/10.1016/S0008-4433(96)00019-5)
- Santoso, S. (2017). *Statistik Multivariat Dengan SPSS*.
- Shepard, O. C. (1940). *Fire Assaying. McGraw-Hill Book Company, Inc.*
- Soto-Uribe, J. C., Valenzuela-Garcia, J. L., Salazar-Campoy, M. M., Parga-Torres, J. R., Tiburcio-Munive, G., Encinas-Romero, M. A., & Vazquez-Vazquez, V. M. (2023). Gold Extraction from a Refractory Sulfide Concentrate by Simultaneous Pressure Leaching/Oxidation. *Minerals*, 13(1). <https://doi.org/10.3390/min13010116>
- Suarsa, I. W. (2015). *Spektroskopi atom dan aplikasinya*. Pustaka Reka Cipta.
- Sudjana, T. (1996). *Metoda Statistika*.
- Sugiyono. (n.d.). *METODE PENELITIAN KUANTITATIF*.
- USGS. (2024, January 31). *Mineral Commodity Summaries 2024*. USGS National Minerals Information Center.
- Walpole, R. (2016). *Probability & Statistics for Engineers & Scientists for Enggineers & Scientists*.
- Yim, K. H., Nahm, F. S., Han, K. A., & Park, S. Y. (2010). Analysis of Statistical Methods and Errors in the Articles Published in the Korean Journal of Pain . *The Korean Journal of Pain*, 23(1), 35–41. <https://doi.org/10.3344/kjp.2010.23.1.35>
- Yuliana, E. (2015). Spektroskopi Serapan Atom (AAS) untuk Analisis Logam Berat dalam Sampel Lingkungan. *Jurnal Kimia Dan Pendidikan Kimia*, 45–52.