



DAFTAR PUSTAKA

- Brest, K.K., Henock, M.M., Guellord, N., Kimpiab, M., and Kapiamba, K.F. 2021. Statistical Investiagion of Flotation Parameters for Copper Recovery from Sulphide Flotation Tailings. *Journal of Results in Engineering*, 2021. doi.org/10.1016/j.rineng.2021.100207.
- Bulatovic, S.M. (2007). *Handbook of Flotation Reagents: Chemistry, Theory and Practice: Flotation of Sulfides Ores* (1st ed). Canada. Elsevier.
- Clark, D.W., Newell, A.J.H., Chilman, G.F. and Capps, P.G., 2000. Improving Flotation Recovery of Copper Sulphides by Nitrogen Gas and Sulphidisation Conditioning. *Journal of Minerals Engineering* Volume, 2020 13, pp.1197-1206.
- Crawford, C.B., and Quinn, B., 2017. "Microplastic Separation Techniques". Microplastic Pollutants.
- Dhar, P., Thornhill, M. and Kota, H.R., 2019. Comparison of Single and Mixed Reagent System for Flotation of Copper Sulphides from Nussir Ore. *Journal of Minerals Engineering*, 2019 doi:10.1016/ 2019/105930.
- Din, M.P., and Rehan, R., 2016. Synthesis, Characterization, and Applications of Copper Nanoparticles. *Journal of Analytical Letters*, 2016, Volume 50, No. 1, 50-62.
- Gharai, M., and Venugopal, R., 2015. Modeling of Flotation Process – an Overvie of Different Approaches. *Journal of Mineral Processing and Extractive Metallurgy*, 2015 doi.org/10.1080/08827508.2015.1115991.
- Ghodrati, S., Nakhaei, F., VandGhorbany, O. and Hekmati, M., 2019. Modeling and Optimization of Chemical Reagents to Improve Copper Flotation Performance Using Response Surface Methodology. *Journal of Energy Sources, Part A: Recovery, Utilitzation, and Environmental Effects*. doi.org/10.1080/155670326.2019.1604874.
- Guang-yi, L., Hong, Z., Liu-yin, X., Shuai, W. and Zheng-he, X., 2011. Improving Copper Flotation Recovery from a Refractory Copper Porphyry Ore by Using Ethoxycarbonyl Thiourea as a Collector. *Journal of Minerals Engineering*, 2011, Volume 24, pp. 817-824.
- Hirajima, T., Miki, H., Suyantara, G.P.W., Matsuoka, H., Elmahdy,, A.M., Sasaki, K., Imaizumi, Y. and Kuroiwa, S., Selective Flotation of Chalcopyrite and Molybdenite with H₂O₂ Oxidation. *Journal of Minerals Engineering*, 2017, Volume 100, pp.83-92.
- Indonesia. Undang-Undang Nomor 4 Tahun 2009 tentang Pertambangan Mineral dan Batubara. Sekretariat Negara. Jakarta.
- Liao, R., Yang, B., Huang, X., Hong, M., Yu, S., Liu, S., Wang, J. and Qiu, G., Combined Effect of Silver Iron and Pyrite on AMD Formation Generated by Chalcopyrite Bio-dissolution. *Journals of Chemosphere*, 2021, Volume 279.
- Owusu, C., Abreu, S.B., Skinner, W., Addai-Mensah, J., and Zanin, M., 2014. The Influence of Pyrite Content on the Flotation of Chalcopyrite/Pyrite Mixtures. *Journal of Minerals Engineering*, 2014 Volume 55, pp.87-95.
- Quintanilla, P., Neethling, S.J., and Brito-Parada, P.R., 2021. Modelling for Froth Flotation Control:A Review. *Journal of Minerals Engineering*, 2021 Volume 162, 106718.
- Rahman, M.W.U., Rahman, M., Sarker, M.R.I., Rashid, F., and Mahmud, M.M.A., 2021 Synthesis of Nano Silica Particle from Silica Sand and Characterization of Nano Silica Based R134a Refrigerant. *Journal of*



- Materials Today: Proceedings, 2021 doi.org/10.1016/j.matpr.2021.04.368.
- Ran, J.C., Qiu, X.Y., Hu, Z., Liu, Q.J., Song, B.X. and Yao, Y.Q. 2019. Effects of Particle Size on Flotation Performance in the Separation of Copper, Gold and Lead. Journal of Powder Technology. Volume 344, pp. 654-664.
- Rao, S.R., 2006. "Resource Recovery and Recycling from Metallurgical Wastes". Waste Management Series.
- Rubinl, A. J., & Johnson, J. D. 1967. Effect of pH on Ion and Precipitate Flotation Systems. Department of Environmental Sciences and Engineering, School of Public Health, University of North Carolina at Chapel Hill, N. C.
- Sapiie, B. and Cloos, M., 2013. Strike-Slip Faulting and Veining in the Grasberg Giant Porphyry Cu-Au Deposit, Ertsberg (Gunung Bijih) Mining District, Papua, Indonesia. International Geology Review, 55:1, 1-42
- Sarrafi, A., Rahmati, B., Hassani, H.R. and Shirazi, H.H.A. 2004. Recovery of Copper from Reverberatory Furnace Slag by Flotation. Journal of Minerals Engineering, 2004. Volume 17, pp. 457-459.
- Shean, B.J. and Cilliers, J.J., 2011. A Review of Froth Flotation Control. International Journal of Mineral Processing, 2011 Volume 11. Pp 57-72.
- Suyantara, G.P.W., Hirajima, T., Miki, H., Sasaki, K., Yamane, M., Takida, E., Kuroiwa, S. and Imaizumi, Y., 2018. Effect of Fenton-like Oxidation Reagent on Hydrophobicity and Floatability of Chalcopyrite and Molybdenite. Journal of Colloids and Surfaces A 2018 Volume 554, pp.34-48.
- Suyantara, G.P.W., Hirajima, T., Miki, H., Sasaki, K., Kuroiwa, S. and Aoki, Y., 2020. Effect of H_2O_2 and Potassium Amyl Xanthate on Separation of Enargite and Tennantite from Chalcopyrite and Bornite Using Flotation. Journal of Minerals Engineering, 2020 Volume 152, 106371.
- Wang, Y., Peng, Y., Nicholson, T. and Lauten, R.A. 2015. The Different Effects of Bentonite and Kaolin on Copper Flotation. Journal of Applied Clay Science, 2015. Volume 114. Pp. 48-52.
- Xu, M., Xing, Y., Jin, W., Li, W., Cao, Y., and Gui, X. 2019, Effect of Diesel on the Froth Stability and Its Antifoam Mechanism in Fine Coal Flotation Used MIBC as the Frother. Journal of Powder Technology, 2019 doi.org/10.1016/j.powtec.2019.12.058
- Yalcin, E. and Kelebek, S., 2011. Flotation Kinetics of a Pyritic Gold Ore. International Journal of Mineral Processing 98 (2011) 48–54.
- Yushandiana, F. and Aziz, R.A. 2022. Studi Literatur Pemilihan Proses Ekstraksi Emas Berdasarkan Jenis Porfiri dan Low Sulfidation. Journal of Metallurgical Engineering and Processing Technology, Volume 3, pp. 8-22.