

DAFTAR PUSTAKA

- Abdul Fakhreza. 2014. Studi Pengaruh Rasio *Feed Materials* pada Proses *Smelting* Mineral Tembaga Karbonat Menggunakan Mini Blast *Furnace* (MBF). Surabaya. Institut Teknologi Sepuluh Nopember.
- Babich, A., Senk, D., Gudenau, W.H., Mavrommatis, K.Th., 2008. Iron Making Textbook, 1st edition. Institut fur Eisenhuttenkunde der RWTH Aachen, Aachen.
- Balbeid, Sahl. 2014. Pengaruh Penambahan *Flux* Silika pada Proses *Converting* pada Tembaga *Matte* Menjadi *Blister*. Surabaya. Institut Teknologi Sepuluh Nopember.
- B. D Cullity. 2011. *Element of X-Ray Diffraction*. BiblioBazar.
- Green, George E. *Method of Roasting Copper Sulphide Concentrates and Ores*. 1973. United States Patent.
- Gupta, Chiranjib Kumar. 2003. *Chemical Metallurgy: Principles and Practice*. Weinheim. Wiley-VCH
- Habashi Fathi. 1997. *Handbook of Extractive Metallurgy*. Weinheim. Wiley-VCH.
- Habashi Fathi. 1980. *Principles of Extractive Metallurgy Volume 2*. London. Gordon and Breach
- Ismunandar. 2016. *Padatan Oksida Logam: Struktur, Sintesis, dan Sifat Sifatnya*. Bandung. ITB
- Jones, Rodney T. 2002. *Conroast: DC Arc Smelting of Dead Roasted Sulphides Concentrates*. TMS (*The Minerals, Metals & Materials Society*). South Africa
- Kementerian ESDM, Booklet ESDM Tembaga 2020. Kementerian Energi dan Sumberdaya Mineral Republik Indonesia.
- Khan, Izhar ul Haqqe dan Iffat Tahira Siddique. 2010. *Chemical Extraction of Copper from Copper Sulphide Ores of Pakistan by Roast Leach Method*. Pakistan. University of Educations
- Kim, Byung-Su, Jeong Soo Shon, dan Eunyong Kim 2008. *Kinetics of Oxidative Roasting of Complex Cooper Concentrate*. Japan. *Materials Transactions*, Vol 49, No.5 pp.1192 to 1198.
- Klaffenbach Eric, Sina Mostaghel, Muxing Guo, Bart Blanpain. 2021. *Thermodynamic Analysis of Copper Smelting, Considering the Impact of Minor Elements Behavior on Slag Application Options and Cu Recovery*. The

- Minerals, Metals & Materials Society* 2021. <https://doi.org/10.1007/s40831-021-00354-2>
- Lim, Sereyrath. 2013. *X-Ray Fluorescence (XRF) Analyzer - Theory, Utility, and QA/QC for Environmental and Commercial Product Samples in Cambodia*. Multidisciplinary Studies Theses. Paper 8.
- Magagula, Fortunate. 2002. *High Temperature Roasting of Sulphide Concentrate and its Effect on the Type of Precipitate Formed*. Johannesburg. Departement of Metallurgy, Technikon Witwatersrand.
- Natanael, David. 2012. Analisis Kualitatif Pemanggangan Bijih Tembaga Kalkopirit dengan Beberapa Variasi Waktu Serta *Leaching* dengan Asam Sulfat 2 Molar. Depok. Universitas Indonesia
- Nakamura T dan Toguri, J. 1991. *Interfacial Phenomena in Copper Smelting Processes*. *Journal: Pyrometallurgy of Copper* (Pp. 537 To 551). New York Pergamon Press.
- Nyamjargal Lkhamtogmid, Ganbat Batdemberel, Gunchin Burmaa dan Dashdendev Burma. 2018. *Effect of Roasting Temperature for Copper Leaching of Sulfide Concentrate by Combined Methods*. Scientific Research Publishing Inc. ISSN: 2165-3925.
- Ridhollah, Abrar. 2017. *Direct Smelting Bijih Malasit dengan Variasi Waktu Holding Menggunakan Metode Electric Arc Furnace*. Surabaya. Institut Teknologi Sepuluh Nopember.
- Sanjay, Prasad. 1997. *Direct Sulphation of Chalcopyrite with Steam and Oxygen*. India. IDR-IIT Kharagpur.
- Schlesinger Mark E, Mathew J King, Kathryn C Sole, William G Davenport. 2011. *Extractive Metallurgy of Copper, Fifth Edition*. Elsevier.
- Sehar Saira, Muhammad Mohsin Sher Ali Khan, Adil Iqbal, Waqas Saif, Muhammad Zahid, Nayab Aslam, Amiza, dan Syeda Duaa Zahra. 2021. *Recovery of Copper from Copper ores by Roasting at Different Temperatures*. International Journal of Scientific and Research Publications, Volume 11, Issue 3. ISSN 2250-3153. <http://dx.doi.org/10.29322/IJSRP.11.03.2021.p11141>
- Sohn Hong Yon, Annelies Malfliet, Lennart Scheunis, dan Peter Tom Jones. 2014. *Chapter 2.1. Copper Production*. Treatise on Process Metallurgy.
- Sriati, Geugeuh Gereuha Natadisastra, Zahidah Hasan, dan Walim Lili. 2018. Kemampuan Penyerapan Logam Massa Tembaga (Cu) pada Akar *Avicennia Marina* Di Perairan Karangsong, Kabupaten Indramayu.
- Subandriyo, Budi. 2020. Bahan Ajar Analisis Korelasi dan Regresi. Diklat Statistisi Tingkat Ahli BPS Angkatan XXI. Badan Pusat Statistik.

- Sukanto Untung, Dyah Probawati, dan Anton Sudiyanto. 2015. Proses Pengolahan dan Pemurnian Bijih Tembaga dengan Cara Konvensional dan Biomining. Yogyakarta. Prosiding Seminar Nasional Teknik Kimia “Kejuangan”. ISSN 1693-4393.
- Wang Baoren, Hongying Yang, Zhenan Jin, Zhijian Liu, dan Mingjin Zou. 2022. *Effect of Fe/SiO₂ Ratio and Fe₂O₃ on the Viscosity and Slag Structure of Copper-Smelting Slags*. MDPI. Switzerland. <https://doi.org/10.3390/met12010024>
- Zhao B, P Hayes, E Jack. 2013. *Effect of CaO, Al₂O₃, and MgO on Liquidus Temperatures of Copper Smelting and Converting Slags Under Controlled Oxygen Partial Pressures*. Journal Mining and Metallurgy, Selection B: Metallurgy.