

DAFTAR PUSTAKA

- Abreu, R., & Morais, C. (2010). Purification of rare earth elements from monazite sulphuric acid leach liquor and production of high-purity ceric oxide. *Minerals Engineering*, 536-540.
- Afza, E. (2011). *Skripsi : Pembuatan magnet permanen Ba-Hexa Ferrite (BaO.6Fe2O3) dengan metode kopresipitasi dan karekterisasinya*. Medan: FMIPA , Universitas Sumatera Utara.
- Alonso, E., Sherman, A. M., Wallington, T. J., Everson, M. P., Field, F. R., Roth, R., & Kirchain, R. E. (2012). Evaluating rare earth element availability : A case with revolutionary demand from clean technologies. *Journal of Environmental, Science & Technology*, 3406-3414.
- Blissett, R., Samlley, N., & Rowson, N. (2014). An investigation into six coal fly ashes from United Kingdom and Poland to evaluate rare erath element content. *Journal of Fuel*, 236-239.
- Callow, R. J. (1967). *The industrial chemistry of lanthanons, yttrium, thorium and uranium*. Oxford, New York: Pergamon Press.
- Curtis, N. (2010). Rare earth, we can touch them everyday. *Lynas Presentation* . New York: JP Morgan Australia Corporate Access Days.
- Fernando, W. M., Ilakoon, I., Syed, T. H., & Yellishetty, M. (2018). Challenges and opportunities in the removal of sulphates ions in comtaminated mine water : A review. *Mineral Engineering*, 74-90.
- Fitri, N. T. (2013). *Ekstraksi dan penentuan kadar ion aluminium hasil ekstraksi dari abu terbang (fly ash) batubara*. Jember: Skripsi Jurusan Kimia Universitas Negeri Jember.
- Goyne, K. W., Brantley, S. L., & Chorover, J. (2010). Rare earth element release from phosphate mineral in the presence of organic acids. *Chemical Geology*, 1-14.
- Gunradi, B. (2019). *Potensi logam tanah jarang di Indonesia*. Bandung: Pusat SDM, Batubara dan Panas Bumi, badan Geologi ESDM.
- Gupta, C., & Krishnamurthy, N. (1992). Extractive metallurgy of rare earths. *International materials review*.
- Haxel, G., Hendrick, J., & Orris, G. (2002). *rare earth elements-Critical Resources for high technology*. Retrieved from <https://pubs.usgs.gov/>: <http://pubs.usgs.gov/fs/2002/fs087-02/>

<https://www.usgs.gov/>. (2018, Desember). Retrieved from <https://www.usgs.gov/>:
<https://www.usgs.gov/>

Iler, R. K. (1979). *The chemistry of silica : solubility, polymerization, colloid and surface properties and biochemistry*. New York: John Wiley and Sons.

IUPAC. (2005). *Nomenclature of inorganic chemistry IUPAC Recommendations*. Cambridge: N.G Connelly & T. Damhus.

Kul, M., Topkaya, Y., & Karakaya, L. (2008). Rare earth double sulfates from pre concentrated bastnasite. *Hydrometallurgy*, 129-135.

Kutchko, B., & Kim, A. (2006). Fly ash characterization by SEM-EDS. *Journal of Fuel*, 2537-2544.

Lever, F., & Payne, J. (1968). *Advances in extractivemetallurgy*. London: The institution of mining and metallurgy.

Lucas, J., Lucas, P., Mercier, T., Rollat, A., & Davenport, W. (2015). rare earth science technology, technology production and use.

Manurung, H. (2019). *Tesis : Studi pelindian logam tanah jarangdari limbah padat batubara (flyash) dengan asam organik asam asetat*. Yogyakarta: Fakultas Teknik Kimia, Universitas Gadjah Mada.

Meawad, A., Bojinova, D., & Pelovski, Y. (2010). An overview of metals recovery from thermal power plant solid wastes. *Waste Management*, 2548-2559.

Peramaki, S. (2014). *Method development for determination and recovery of rare earth elements from industrial fly ash*. Finland: University of Jyvaskyla.

Perry, R., & Green, D. (1997). *Perry's Chemical Engineers Handbook , 7th ed*. New York: McGraw-Hill Book Company.

Pietrelli, L., Bellomo, B., Fontana, D., & Montereali, M. (2002). Rare earth recovery from NiMH spent batteies. *Hydrometallurgy*, 135-139.

Putra, F. R. (2019). *Laporan Penelitian : Pengambilan Unsur silika dan alumina pada fly ash pembangkit tenaga uap menggunakan metode dijesti larutan basa dengan variasi konsentrasi dan waktu*. Yogyakarta: Fakultas Teknik Kimia, Universitas Gadjah Mada.

Reed, J. S. (1988). *Introdustion of the principles of ceramic processing*. John Wiley and Sons: New York.

Roth, E., Macala, M., Lin, R., Bank, T., Howard, B., Soong, Y., & Granite, E. (2017). Distributions and extraction of rare earth elements from coal and coal by-products. *World of Coal Ash (WOCA) Conference*. Lexington.

- Sastroamidjojo, & Hardjono. (2001). *Kimia Dasar*. Yogyakarta: Gadjah Mada University.
- Seredin, V. V. (2010). A new method for primary evaluation of the outlook for rare earth element ores. *Geology of ore deposits*, 5-6.
- Seredin, V., & Finkelman, R. (2008). A review of the main genetic and geochemical types. *International Journal of Coal Geology*, 253-289.
- Seredin, Vladimir, V., & Dai, S. (2012). Coal deposits as potential alternative sources for lanthanides and yttrium. *International Journal of Coal Geology*, 67-93.
- Silva, R. G., Morais, C. A., Teixeira, L. V., & Oliveira, E. D. (2019). Selective precipitation of High-Quality rare earth oxalates or carbonates from a purified sulfuric liquor containing soluble impurities. *Mining, metallurgy & exploration*, 967-977.
- Silva, R., Morais, C., Teixeira, L., & Oliveira, E. (2018). Selective removal of impurities from rare earth sulfuric liquor using different reagents. *Miner Engineering*, 238-246.
- Teichmuller, M. (1989). The genesis of coal from the viewpoint of coal petrology. *International Journal of Coal Geology*, 1-87.
- Thomas, L. (2002). *Coal Geology*. John Wiley & Sons.
- Trihaditia, R. (2015). *Tesis : Penentuan formulasi optimum pada pembuatan minuman fungsional rambut jagung dengan penambahan madu dan jeruk nipis menggunakan RSM (Response Surface Method)*. Bandung: Fakultas Teknologi Pangan, Universitas Pasundan.
- Underwood, A., & Day, R. (1994). *Analisis Kimia Kuantitatif, edisi ke-4*. Jakarta: Erlangga.
- Vogel. (1979). *Buku teks analisis anorganik kualitatif makro dan semimikro*. Jakarta: PT Kalman Media Pusaka.
- Wang, J., Huang, X., Cui, D., Wang, L., Feng, Z., Hu, B., . . . Zhao, N. (2017). Recovery of rare earths and aluminum from FCC waste slag by acid leaching and selective precipitation. *Journal of Rare Earths*, 1141-1148.
- Wardani, S. P. (2008). Pemanfaatan limbah batubara (flyash) untuk stabilisasi tanah maupun keperluan teknik sipil lainnya dalam mengurangi pencemaran lingkungan. *Jurnal Fakultas teknik unniversitas diponegoro*.
- Zhang, B., Liu, C., Li, C., & Jiang, M. (2016). Separation and recovery of valuable metals from low-grade REE-Nb-Fe ore. *International Journal of Mineral Processing*, 16-23.

