

DAFTAR PUSTAKA
www.itk.ac.id

- Adibroto, Fauna, Suhelmidawati, Etri, dan Zade, Azri Azhar Musaddiq. (2018), “Eksperimen Beton Mutu Tinggi Berbahan *Fly ash* Sebagai Pengganti Sebagian Semen”, *JIRS*, Vol. 15, No. 1.
- Aedhia, I Gusti Ngurah. (2007), “Study on Utilizing *Fly ash* for Castable Refractory”, *Indonesia Mining Journal*, Vol 10, No.7, Hal 10-22.
- Africanita, Reri, Dewi Fitria, Putri Rahma Sari. (2010), “Pemanfaatan *Fly ash* Batubara sebagai Adsorben dalam Penyisihan Chemical Oxygen Demand (COD) dari Limbah Cair Domestik” , *Teknika*, Vol.1, No.33, Hal 81-93.
- Aramide, Fatai Olufemi. (2012), “Production and Characterization of Porous Insulating Fired Bricks from Ifon Clay with Varied Sawdust Admixture” , *Journal of mineral and materials characterization and engineering*, Vol. 11, Hal. 970-975.
- Astutik, Puji Herma, Sholihin. (2014), “Kuat Tekan, Porositas dan Permeabilitas Previous Concrete dengan Campuran Agregat Limbah Gerabah”, e-jurnal *MATRIKS TEKNIK SIPIL*, Vol.2, No.1, Hal. 132-139.
- Anggono, Juliana. (2005), “Mullite Ceramics: Its Properties, Structure, and Synthesis”, *Jurnal Teknik Mesin*, Vol 7, No.1, Hal 1-10.
- ASTM C20-00.(2015),”Apparent Porosity, Water Absorption, Apparent Specific Gravity, and Bulk Density of Burned Refractory Brick and Shapes by Boiling Water”, ASTM International.
- Basari, Achmad. (2012), “Pengaruh Paduan Abu Vulkanik dan Tanah Liat Terhadap Sifat Abrasif dan Kuat Tekan Dingin Sebagai Bahan Refractory ”. Universitas Diponegoro. Semarang.
- Bhatia. (2012), “Overview of Refractory Materials”, PDH Center, Meadow Estate.
- Brussel. (2016), “Bottom Ash Fact Sheet”, CEWEP, Eropa.
- Ekaputri, Januarti Jaya (2013), “Sodium Sebagai Aktivator *Fly ash*, *Trass*, dan Lumpur Sidoarjo dalam Beton Geopolimer”, Institut Teknologi Sepuluh Nopember, Surabaya . *Jurnal Teknik Sipil*, Vol 20, No. 1, Hal 1-10.

- Fauzan, Ananda, Aman, Drastinawati. (2014), "Pemanfaatan *fly ash* batu bara sebagai adsorben logam berat ion Pb 2+ yang terlarut dalam air", Jom FTEKNIK, Vol. 1, No. 2, Hal 1-6.
- Husin, Adrian Amir. (2008), "Pengaruh Penambahan Foaming Agent terhadap Kualitas Bata Beton", Jurnal Pemukiman, Vol 3, No.3, Hal 196-207.
- Irwansyah, Ferlis, Juliandri. (2010), "Peningkatan Kualitas Refraktori AluminaSilikat untuk Peleburan Kuningan dengan Teknik Infiltrasi", Jurnal Zeolit Indonesia, Vol 9, No.1, Hal 25-32.
- Kirk-Othmer. (2001), "Encyclopedia of Chemical Technology", Vol 6, 4th Edition, Wiley, New York.
- Kusumastuti, Ella. (2012), "Pemanfaatan Abu Vulkanik Gunung Merapi sebagai Geopolimer (Suatu Polimer Anorganik Aluminosilikat), Jurnal MIPA Universitas Negeri Semarang, Vol 1, No.11, Hal 45-56.
- Kusumastuti, Ella. (2015), "Sintesis Geopolimer Berbusa Berbahan Dasar Abu Layang Batu Bara dengan Hidrogen Peroksida sebaai Foaming Agent", Jurnal Sain dan Teknologi, Vol 13, No.1, Hal 17-28.
- Marthus, Ardian Philip. (2015), "Pengaruh Perubahan Abu Terbang (*Fly ash*) terhadap Kuat Tarik Belah Beton", Jurnal Sipil Statik, Vol 3, No.11, Hal 729-736.
- Nurudeen,S. (2014), "Characterization of Sodium Sulicted Prepared from Kankara Kaolin", Nigerian Journal of Scientific Research, Vol 3, No.1, Hal 72-75.
- Otero, J.Gonzalez. (2004), "Manufacture of Refractory Insulating Bricks using *Fly ash* and Clay", British Ceramiic Transactions Journl, Vol 103, No.4, Hal 181-186.
- Pedziwiatr, Paulina., Filip Mikolajczyk, Dawid Zawadzki. 2018, "Decomposition of Hydrogen Perodixe – Kinetics and Review of Chosen Catalysts" Poland, Acta Innovations.
- Phair, J. W., Smith, J.D., dan Van Deventer, J. S. J. (2003), " Characteristics of Aluminosilicate Hydrogels Related to Commercial Geopolimers", Matterials Letters. 57, Hal 4356-4367.
- Rini, I. D. W. S., Saputra, A. A. I., Gunawan, A., Sholikhah, U., and Fansuri, H., 2018, "Utilization of Hazardous Waste *Fly ash* Coal from Kariangau

- Thermal Power Plant as Substitution of Portland Cement on Concrete”, Proceeding of 2nd Borneo International Conference on Applied Mathematics and Engineering (BICAME), November 10
- Sari, April Lianita, Rusiyanto. (2019). “Pengaruh Thermal Shock Resistance dan Komposisi Bahan Refraktori terhadap Kekuatan Impact dan Struktur Makro”, Universitas Negeri Semarang, Semarang.
- Septriana, Ayu. (2017), “Daur Ulang Refraktori Bekas Pakai Kiln dan *Fly ash* Batu Bara dengan Variasi Tekanan Green Body”, Jurnal Metalurgi, No.3, Hal 97-104.
- Setiabudi, Agus, Rifan Hardian, Ahmad Muzakir. (2012), “Prinsip dan Aplikasinya dalam Penelitian Kimia”, UPI PRESS, Bandung.
- Sukkae, Rinyapat. (2018), “Utilization of coal *fly ash* as a raw material for refractory production”, Journal of metal materials and mineral, Thailand.
- Suyatna, Riki Gana. (2016), “Dasar-dasar Teori Refraktori”, Alumat Untirta, Cilegon.
- Syarif, Harriad Akbar, Monita Olivia, Edy Saputra. (2016), “Kuat Tekan Paving Block Geopolimer Abu Sawit (Palm Oil Fuel Ash) dengan Perawatan Suhu Ruang”, Jom FTEKNIK, Vol 3, No.1, Hal 1-9.
- Syukur, Moh. (2015), “Sintesis dan Karakterisais Foamy Geopolimer Berbahan Dasar Abu Layang Batu Bara”, Indonesian Journal of Chemical Science, Vol 4, No.3, Hal 189-191.
- Tharaniyil, Remme. (2013), “Coal Combustion Product Utilization Handbook”, 3rd Edition, We Energies, United State of America.
- Tokopedia, 2020, “Cetakan Beton Trigang / Mortar 5x5x5 cm” Jakarta.
- Ugheoke, Benjamin Iyenagbe, dkk. (2006), “Property Optimization of Kaolin – Rice Husk Insulating Fire – Bricks”, Leonardo Electronic Journal of Practies and Technologies, Vol.9, Hal. 167-178.
- Van Deventer, J. S. J., Provis, L. J., dan Lukey, G. C. (2007), “Reaction Mechanisms in the Geopolymeric Conversion of Inorganic Waste to Useful Products”, Journal of Hazardous Materials, 139, Hal 506-513.
- World Coal Institute. (2005), “Sumber Daya Batu Bara”, WCI, London.