

## DAFTAR PUSTAKA

- Association of Detergent Zeolite Producers, 2000, *Zeolites for Detergents as Nature Intended*, Cefic, Brussels.
- Baerlocher, C., McCusker, L.B. dan Olson, D.H., 2007, *Atlas of Zeolite Framework Types: Sixth Revised Edition*, Elsevier, Amsterdam – London - New York – Oxford – Paris – Shannon - Tokyo.
- Behin, J., Kazemian, H. dan Rohani, S., 2015, Sonochemical synthesis of zeolite NaP from clinoptilolite, *Ultrasonics Sonochemistry*, 28, 400-408.
- Bukhari, S.S., Behin J., Kazemian, H. dan Rohani, S., 2014, Conversion of coal fly ash to zeolite utilizing microwave and ultrasound energies: A review, *Fuel*, 140, 250-266.
- Chen, Y., Zhang, Y., Li, D., Gao, F., Feng, C., Wen, S. dan Ruan, S., 2015, Humidity sensor based on  $\text{AlPO}_4\text{-5}$  zeolite with high responsivity and its sensing mechanism, *Sensors and Actuators*, 212, 242-247.
- Dyer, A. Dan Mikhail, K.Y., 1985, The use of zeolites for the treatment of radioactive waste, *Mineralogical Magazine*, 49, 203-210.
- Fansuri, H., Prasetyoko, D. Dan Muasyaroh, D., 2009, Effect of Initial Hydrothermal Temperatures to Zeolite Products in the Synthesis of Zeolites from Coal Fly Ash, *CHEMECA*, Perth.
- Guth, J.L. dan Kessler, H., 1999, Synthesis of Aluminosilicate Zeolites and Related Silica-Based Materials, *Catalysis and Zeolites*, Springer, 1-46.
- International Energy Agency, 2015, Coal Information: Database Documentation, 2015 Edition, <http://www.iea.org/>.
- Izci E. dan Izci A., 2007, Dielectric Behavior of the Catalyst Zeolite NaY, *Turk J Chem*, 31, 523-530.
- Jury, F.A., Polaert, I., Estel, L. dan Pierella, L.B., 2014, Enhancement of synthesis of ZSM-11 zeolite by microwave irradiation, *Microporous and Mesoporous Materials*, 198, 22-28.

- Mumpton, F.A., 1985, Using Zeolites in Agriculture, *Innovative Biological Technologies for Lesser Developed Countries*, Washington DC.
- Ojumu, T.V., Du Plessis, P.W. dan Petrik, L.F., 2016, Synthesis of zeolite A from coal fly ash using ultrasonic treatment – A replacement for fusion step, *Ultrasonics Sonochemistry*, 31, 342-349.
- Oktaviani, Y., 2015, Pengaruh Temperatur Hidrotermal terhadap Konduktivitas Listrik Zeolit Sintesis dari Abu Dasar Batubara dengan Metode Alkali Hidrotermal, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Andalas, Padang.
- Osak, A. dan Piwowarczyk, J., 2011, Studies of the DC and AC Hopping Electrical Conductivity in Ferroelectric  $\text{Pb}[(\text{Fe}_{1/3}\text{Sb}_{2/3})_x\text{Ti}_y\text{Zr}_z]\text{O}_3$ , *Czasopismo Techniczne Technical Transactions*, Politechniki Krakowskiej, Issue 22, Year 108.
- Pavelic, K. dan Hadzija, M., 2003, Medical Applications of Zeolites, *Handbook of Zeolite Science and Technology*, Marcell Dekker, Inc.
- Payra, P. dan Dutta, P.K., 2003, Zeolites: A Primer, *Handbook of Zeolite Science and Technology*, Marcell Dekker, Inc., 1-19.
- Pimraksa, K., Chindaprasirt, P., Huanjit, T., Tang, C. dan Sato T., 2012, Cement mortars hybridized with zeolite and zeolite-like materials made of lignite bottom ash for heavy metal encapsulation, *Journal of Cleaner Production*, 41, 31-41.
- Singh M. dan Siddique R., 2015, Effect of coal bottom ash as partial replacement of sand on workability and strength properties of concrete, *Cleaner Production*, 112, 620-630.
- Sriwahyuni, N., 2015, Pengaruh Temperatur Peleburan Alkali terhadap Konduktivitas Listrik Zeolit Sintetik dari Bahan Abu Dasar Batubara dengan Metode Peleburan Alkali Hidrotermal, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Andalas, Padang.
- Sutarno, Arryanto, Y. dan Budyantoro, A., 2009, Kajian Pengaruh Rasio Berat NaOH/Abu Layang Batubara terhadap Kristallinitas dalam Sintesis Faujasit, *Jurnal ILMU DASAR* Vol. 10 No. 1 : 1 – 5.

- Trinh Q.H., Lee, S.B. dan Mok, Y.S., 2014, Removal of ethylene from air stream by adsorption and plasma-catalytic oxidation using silver-based bimetallic catalyst supported on zeolite, *Journal of Hazardous Materials*, 285, 525-534.
- Von Eckstaedt, S.V., Charles, W., Ho, G. dan Cord-Ruwisch, R., 2015, Novel process of bio-chemical ammonia removal from air streams using a water reflux system and zeolite as filter media. *Chemosphere*, 144, 257-263.
- Xu, R., Pang, W., Yu, J., Huo, Q. dan Chen, J., 2007, *Chemistry of Zeolites and Related Porous Materials: Synthesis and Structure*, John Wiley & Sons (Asia), Singapore.
- Virta, R., 2008, Natural and Synthetic Zeolites, <http://minerals.usgs.gov/>.
- World Energy Council, 2013, World Energy Resources: Coal, <http://www.worldenergy.org/>.
- Yunica, F., 2013, Sintesis dan Karakterisasi Sifat Listrik PANi: Zeolit dari Limbah Bottom Ash, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Andalas, Padang.
- Zhou, J., Li, W., Zhang, Z., Wu, X., Xing, W. Dan Zhuo, S., 2012, Effect of cation nature of zeolite on carbon replicas and their electrochemical capacitance, *Electrochimica Acta*, 89, 763-770.

