



DAFTAR PUSTAKA

- Al-Hamzi, M., 2005, *Synthesis, characterization and application of zirconia derived from single source precursors*, Oklahoma State University
- Anonim, Indeks Pembangunan Manusia, Dipetik Mei 8,2014, dari datastatistik-indonesia.com:<http://www.datastatistik-Indonesia.com/portal/index.php>
- Demir, F., Donmez, B., OKUR,H., and SEVIM, F., 2003, *Calcination Kinetic of Magnesit from Thermogravimetric data*, Trans IChemE, Vol 81
- Duojiao,G., Youninga,X., Haia,Z., Jiujub,C., and Wenqiang,S., 2012, *Thermogravimetric Experiment Research on Kinetic Model for Thermal Decomposition of Carbide Sludge*, International Conference on Biological and Biomedical Sciences Advances in Biomedical Engineering, Vol.9
- Farnsworth, F. Jones,S.L. and McAlpine, I., 1980, *The Production,Properties and Uses of Zirconium Chemicals*, Magnesium Elektron Ltd. Twickenham, United Kingdom
- Gasparovic, L., Koreňová,Z., and Jelemenský,L., 2009, *Kinetic Study of Wood Chips Decomposition by TGA*, 36th International Conference of SSCHE, Tatranské Matliare, Slovakia
- Hancock,J.D.,1977, *A Review of Conventional and Novel Processes for the Extraction of Zirconia from Zircon*, Mineral Science and Engineering
- Handoyo, H., 2012, *Kinetika Reaksi Kalsiansi Gel Ammonium Diuranate Menjadi Uranium Trioksida*, Tugas Akhir Program Diploma IV, Jurusan Teknokimia Nuklir, Sekolah Tinggi Teknologi Nuklir, Yogyakarta
- Herman, D.Z., 2007, *Kemungkinan Sebaran Zirkon pada Endapan Placer di Pulau Kalimantan*, Jurnal Geologi Indonesia, Vol. 2 No. 2 pp. 87-96
- Houchin, Jenkins and Sinha, 1990, *Production of High Quality Zirconia for Ceramic, Mineral, Materials and Industry* 14th congres of council of mining and metallurgi Institute.
- Indrati, T., Sulistyo, B., dan Nawangsih, E., 2005, *Pengaruh Kondisi Kalsinasi ZrOCl₂.8H₂O Secara Catu Terhadap Struktur ZrO₂*, Prosiding PPI-PDIPTN, Yogyakarta



Johnston, J., Lister, T., and Osborne, C., 1999, *Zinc and Zirconia*, The Royal Societyof Chemistry, London

Kalinkin, A., Balyakin, K., and Kalinkina,E., 2012, *Kinetic and Thermodynamic Patterns of CaZrO₃ Formation at Sintering Zirconium Dioxide with Calcium Carbonate*, Russian Journal of General Chemistry, Vol. 82, No. 11, pp. 1753–1760

Khawam, A., and Flanagan, D., 2008, *Solid-State Kinetic Model : Basic and Mathematical Fundamentals*, Journal of Physical Chemistry, Vol 110, pp. 17315-17328

Kwela,Z.,2006, *Alkali-Fusion Processes for the Recovery of Zirconia and Zirconium Chemical from Zircon Sand, Zirconia Extraction Processes*, Chapter 5, University of Pretoria

Labiano, F., Abad,A., Diego, L., Gayán, P., and Adánez, J., 2002, *Calcination of Calcium –Based Sorbents at Pressure in a Broad Range of CO₂ Concentrations*, Chemical Engineering Science, 57, 2381-2393

Levenspiel, O., “Chemical Reaction Engineering”, 2 ed, pp. 361, John Willey and Sons, New York (1972)

Lustman, B and Kerze, F, 1955, *The Metallurgy of Zirconium*, Mc Graw Hill Book Company Inc. , New York

Matos, J., Júnior, A., Cavalcante,L., Santos, V., Leal, S., Júnior,S., Santos, M., and Longo, E., 2009, *Reflux Synthesis and Hydrothermal Processing of ZrO₂ Nanopowders at Low Temperature*, Journal of Materials Chemistry and Physics, Vol 117, pp 455-459

Myneni, S., Traina, S., Waychunas, G., and LOGAN, T., 1998, *Vibrational Spectroscopy of Functional Group Chemistry and Arsenate Coordination in Ettringite*, Proceedings of Geochimica et Cosmochimica Acta, Vol 62, pp 3499-3514

Nielsen, R. and Chang, T.W., 1996, *Ullman's Encyclopaedia of Industrial Chemistry*, Elvers and Hawkins, 5th edition, Vol. A28, , pp 543-567.

Nurwanti, L.,2011, *Pengaruh Suhu dan Waktu Pada Kalsinasi Zr₅O₈(SO₄)₂.xH₂O Untuk Menghasilkan ZrO₂ di PTAPB-BATAN Yogyakarta*, Laporan Kerja Praktek, Jurusan Kimia, Institut Teknologi Sepuluh November

Park, J., 2008, *Bioceramics Properties, Characterizations and Aplication*, Springer, New York



Purwani, M.V,1987, *Kalsinasi Zr(OH)₄ menjadi ZrO₂*, Prosiding PPI-PDIPTN, Yogyakarta

Schoenlaub,R.A.,1974, *Method of Manufacturing Zirconium Oxide and Salt*, U.S. Patent 3,832,441

Slopiecka,K., Bartocci, P., and Fantozzi, F.,2011, *Thermogravimetric Analysis and Kinetic Study of Poplar Wood Pyrolysis*, Third International Conference on Applied Energy, pp1687-1698, Perugia, Italy

Stevens,R.,1986, *Zirconia and Zirconia Ceramic*, Magnesium Elektron Ltd. Twickenham, United Kingdom

Sudarto, Kallista, D., dan Hermawan, D., 2008, Kajian Teknis Aspek Pengawasan Bahan Nuklir dalam Pasir Zirkon, Prosiding Seminar Nasional Sains dan Teknologi-II Universitas Lampung

Susiantini,E.,2013, *Karakterisasi Zr (SO₄)_{2.x} H₂O*, Prosiding Seminar Nasional XXII, Yogyakarta

Tuyen, N.V and Quang, T.V., 2007, *Preparation of High Quality Zirconium Oxychloride From Zircon Of Vietnam*, The Annual Report VAEC, Vietnam

Yan,C.F., Grace,J.R. and Lim,C.J., 2010, *Effect of Rapid Calcination on Properties of Calcium-Based Sorbents*, Fuel Process Technology, vol 91. pp 1678-1686

Zhao, Y., Li, W., Zhang, M., Tao, K., 2002, *A Comparison of Surface Acidic Features Between Tetragonal and Monoclinic Nanostructured Zirconia*, Proceeding of Catalysis Communications 3, pp 239-245