

- ANONIM, (2010). *Kerosene/ Jet Fuel Category Assessment Document*, Submitted by US EPA by The American Petroleum Institute, Petroleum HPV Testing Group, September 21, 2010.
- ANONIM (a), (2011). titrasi.wordpress.com. Diakses tanggal 28 Juli 2015.
- ANONIM (b), (2011). *Very-high-temperature reactor*. www.wikipedia.org. Diakses tanggal 7 Oktober 2015.
- ANONIM, (2012). www.sequoiasci.com. Diakses tanggal 7 November 2015.
- ANONIM (a), (2014). *Rotary Flask Shaker*. www.indiamart.com. Diakses tanggal 21 Oktober 2014.
- ANONIM (b), 2014. *OES, AES (Optical/Atomic Emission Spectroscopy)*. www.catalinasci.com. Diakses tanggal 4 Agustus 2015.
- Agrawal, Y. K., and Sudhakar, S., (2002). *Extraction, Separation and Preconcentration of Zirconium*. Separation and Purification Technology Vol. 27. Page: 111 – 119.
- Dewi, A. K., (2014). *Kinetika dan Mekanisme Transpor Pada Reaksi Reduksi U_3O_8 dengan Gas H_2* . Tesis. Jurusan Teknik Kimia Fakultas Teknik, UGM, Yogyakarta.
- Knapp, L. L., Smutz, M., and Spedding, F. H., (1956). *Solvent Extraction Equilibria for Rare Earth Nitrate – Tributyl Phosphate Systems*. United States Atomic Energy Commission.
- Kumar, J. R., Reddy, B. R., Reddy, K. J., and Reddy, A. V., (2007). *Liquid-Liquid Extraction of Tetravalent Hafnium from Acidic Chloride Solutions using Bis(2,4,4-trimethylpentyl) Dithiophosphinic Acid (Cyanex 301)*. Separation Science and Technology Vol. 42. Page: 865 – 877.
- Lancashire, R. J., (2014). *Experiment 8 – Separation of an Unknown Mixture by Acid/Base Extraction*. wwwchem.uwimona.edu.jm. Diakses tanggal 9 November 2014.
- Lee, Y. L., Kumar, J. R., Kim, J. S., Park, H. K., Yoon, H. S., (2009). *Liquid – Liquid Extraction/ Separation of Platinum (IV) and Rhodium (III) from Acidic Chloride Solutions Using Tri – iso – octylamine*. Journal of Hazardous Materials Vol. 168. Page: 424 – 429.
- Lee, M. S., Banda, R., and Min, S. H., (2015). *Technical Note separation of Hf(IV) – Zr(IV) in H_2SO_4 solutions using solvent extraction with D2EHPA or Cyanex 272 at Different Reagent and Metal Ion Concentrations*. Hidrometallurgy 152. Page: 84 – 90.
- Millati, R., (1999). *Keseimbangan Cair – Cair Pada Ekstraksi Asam – Asam Karboksilat Dari Air Dengan Berbagai Pelarut Organik Mengandung TIOA*. Tesis. Program Studi Teknik Kimia, Jurusan Ilmu – Ilmu Teknik, UGM, Yogyakarta.
- Millati, R., Sediawan, W. B., dan Mulyono, P., (2000). *Keseimbangan Cair – Cair Pada Ekstraksi Asam – Asam Karboksilat dari Air Dengan Berbagai Pelarut Organik yang Mengandung TIOA*. Teknosains Vol.13(2). Halaman: 113 – 127.



- Nayl, A. A., El-Nadi, Y. A., and Daoud, J. A., (2009). *Extraction and Separation of Zr(IV) and Hf(IV) from Nitrate Medium by Some CYANEX Extractants*. Separation Science and Technology Vol. 44. Page: 2956 – 2970.
- Ngatijo dan Prajono, (2007). *Pengaruh Konsentrasi Ekstraktan TBP, D2EHPA dan TOA Terhadap Efisiensi Ekstraksi Uranium Dalam Limbah Cair*. Urania Vol. 13 No.1 Januari 2007: 1-45 Hal: 18 – 28.
- Novriana, (2014). *Interpolasi/Ekstrapolasi dan Aproksimasi Fungsi*. www.personal.fmipa.itb.ac.id. Diakses tanggal 10 September 2015.
- Prausnitz, J. M., Lichtenthaler, R. N., and Azevedo, E. G., (1986). *Molecular Thermodynamics of Fluid Phase Equilibria*. Prentice Hall Inc., New Jersey.
- Poling, B. E., Prausnitz, J. M., and O'Connell, J. P., (2001). *The Properties of Gases and Liquids Fifth Ed*. McGraw-Hill. Inc. USA.
- Rachmawati, Y., (2002). *Studi Kesetimbangan Ekstraksi Cu dalam Air dengan Tri Buthyl Phosphate (TBP) dalam Kerosin*. Laporan Penelitian. Jurusan Teknik Kimia, FT UGM, Yogyakarta.
- Reddy, B. R., and Kumar, J. R., (2005). *Studies on Liquid – Liquid Extraction of Tetravalent Hafnium from Weakly Hydrochloric Acid Solutions by LIX 84-IC*. Separation and Purification Technology 42. Page: 169 – 174.
- Reddy, B. R., Kumar, J. R., Reddy, A. V., and Priya, D. N., (2004). *Solvent Extraction of Zirconium(IV) from Acidic Chloride Solutions Using 2-ethyl hexyl phosphonic acid mono-2-ethyl hexyl ester (PC-88A)*. Hydrometallurgy Vol. 72. Page: 303 – 307.
- Reddy, K. J., Reddy, A. V., Shaibu, B. S., and Reddy, M. L. P., (2007). *Enhanced extraction and separation of zirconium(IV) and hafnium(IV) with 3-phenyl-4-benzoyl-5-isoxazolone in presence of various neutral organophosphorus extractants*. Radiochim. Acta Vol. 95. Page: 1 – 7.
- Reid, R. C., Prausnitz, J. M., Poling, B. E., (1987). *The Properties of Gases and Liquids Fourth Ed*. McGraw-Hill. Inc. USA.
- Rusdiarso, B., (2010). *Eksplorasi Bahan Bumi Indonesia: Peran Kimia Analisis Anorganik*. Pidato Pengukuhan Jabatan Guru Besar FMIPA UGM Yogyakarta.
- Sajima, Yulianti, T. I., dan Mulyono, (2008). *Pengaruh Kecepatan Pemanasan dan Waktu Dalam Peleburan Pasir Zirkon*. Prosiding seminar Nasional PPPN PTAPB Yogyakarta, 28 Agustus 2008: 249 – 253.
- Sediawan, W. B., (2000). *Berbagai Teknologi Proses Pemisahan*. Prosiding Presentasi Ilmiah Daur Bahan Bakar Nuklir V P2TBDU dan P2BGN – BATAN Jakarta, 22 Pebruari 2000: 4 – 15.
- Shooto, N. D., and Dikio, E. D., (2012). *Synthesis and Characterization of Diesel, Kerosene and Candle Wax Soot's*. International Journal of Electrochemical Science. Vol. 7 Page: 4335 – 4344.
- Suriyachat, D., (1992). *Zirconium Solvent Extraction Using Organophosphorus Compounds*. Dept. of Mining and Metallurgical Eng, McGill University, Montreal, Canada.
- Susiantini, E., dan Setyadji, M., (2012). *Pemisahan Zr – Hf dalam Asam Sulfat dengan Resin Penukar Anion*. J. Tek. Bhn. Nuklir. Vol. 8 No. 2. Juni 2012: 67 – 78.



- Suyantara, G. P. W., (2012). *Migrasi Zirkonium dan Hafnium Pada Tumpukan Resin Anion Dalam Rangka Simulasi Pemisahannya dengan Kromatografi Anular*. Tesis. Jurusan Teknik Kimia Fakultas Teknik, UGM, Yogyakarta.
- Taghizadeh, M., Ghasemzadeh, R., Ashrafizadeh, S. N., Saberyan, K., and Maragheh, M. G., (2008). *Determination of Optimum Process Conditions for The Extraction and Separation of Zirconium and Hafnium by Solvent Extraction*. Hydrometallurgy Vol. 90. Page: 115 – 120.
- Taghizadeh, M., Ghasemzadeh, R., Ashrafizadeh, S. N., and Ghanadi, M., (2009). *Stoichiometric Relation for Extraction of Zirconium and Hafnium from Acidic Nitrate Solution with Cyanex 272*. Hydrometallurgy Vol. 96. Page: 77 – 80.
- Taghizadeh, M., Ghanadi, M., and Zolfonoun, E., (2011). *Separation of Zirconium and Hafnium by Solvent Extraction using Mixture of TBP and Cyanex 923*. Journal of Nuclear Materials Vol. 412. Page: 334 – 337.
- Tang, C., Liu, B., Li, Z., Quan, Y., Zhao, H., and Shao, Y., (2014). *SiC Performance of Coated Fuel Particles Under High-Temperature atmosphere of Air*. Nuclear Engineering and Design Vol. 271. Page: 64 – 67.
- Utami, H., (2014). *Studi Kinetika Reaksi Dan Kesetimbangan Cair-cair Dalam Rangka Produksi α -terpineol Dari Terpentin Dengan Distilasi Reaktif*. Desertasi. Jurusan Teknik Kimia Fakultas Teknik, UGM, Yogyakarta.
- Verfondern, K., Nabielek, H., and Kendall, J. M., (2007). *Coated Particle Fuel for High Temperature Gas Cooled Reactors*. Nuclear Engineering and Technology. Vol. 39 No. 5 October 2007. Page: 603 – 616.
- Wai, C. M., (1994). *Patent: Fluid Extraction of Metals and/or Metalloids*. www.google.com/patents/WO1995033541A1. Diakses tanggal 2 November 2015.
- Wiratni, (1999). *Model Termodinamika Kesetimbangan Cair – Cair Sistem Asam Sitrat – Air – (TIOA dan Pelarut Organik)*. Tesis. Program Studi Teknik Kimia, Jurusan Ilmu – Ilmu Teknik, UGM, Yogyakarta.
- Wiratni, Tyoso, B. W., and Sediawan, W. B., (2001). *Analysis of Equilibrium Acid Distribution in the System of Citric Acid – Water – (Triisooctylamine + Methyl Isobutyl Ketone) Using a Quasi – Physical Approximation*. Ind. Eng. Chem. Res. Vol. 40. Page: 668 – 673.
- Yulianti, T. I., dan Sulisty, B., (1993). *Ekstraksi dan Reekstraksi $Zr(Hf)OCl_2 \cdot 8H_2O$ Hasil Pelindihan HCl menggunakan Pesawat Pengaduk Pengenap*. Prosiding Pertemuan dan Presentasi Ilmiah PPNY – BATAN Yogyakarta, 27 – 29 April 1993: 188 – 193.
- Zhou, X. W., and Tang, C. H., (2011). *Review Current Status and Future Development of Coated fuel Particles for High Temperature Gas-Cooled Reactors*. Progress in Nuclear Energy Vol. 53 Page: 182 – 188.