

## DAFTAR PUSTAKA

- [1] Dewan Energi Nasional. (2016). Indonesia Energy Outlook 2016. *Proyeksi Kebutuhan dan Penyediaan Energi di Indonesia periode tahun 2016 hingga 2050*, 31.
- [2] Keith Burnard, Shelly Hsieh Noor Miza Muhamad Razali, Paul Baruya, Nguyen Ngoc Hung, Nguyen Chi Phuc. *Reducing Emissions From Fossil-Fired Generation Indonesia, Malaysia and Viet Nam*. International Energy Agency.
- [3] Pemanfaatan Energi Terbarukan “is a must”. Direktorat Jenderal Energi Baru dan Terbarukan. 28 September 2017. Website. 10 Januari 2018.
- [4] Bates, J., & Hill, N. (2005). The Role of Physics in Renewable Energy RD&D. *A report produced for the Institute of Physics by Future Energy Solutions*.
- [5] International Atomic Energy Agency. (2016). Nuclear Power and Sustainable Development. 51.
- [6] Milusheva, Y., Boukoureshtlieva, R. I., Hristov, S. M., & Kaisheva, A. R. (2011). Environmentally-clean Mg-air electrochemical power sources. *Bulgarian Chemical Communications*, 43(1), 42-47.
- [7] Harahap, M. R. (2016). Sel Elektrokimia: Karakteristik dan Aplikasi. *CIRCUIT: Jurnal Ilmiah Pendidikan Teknik Elektro*, 2(1).
- [8] Shu, C., Wang, E., Jiang, L., & Sun, G. (2013). High performance cathode based on carbon fiber felt for magnesium-air fuel cells. *International Journal of Hydrogen Energy*, 38(14), 5885-5893.
- [9] Zhang, T., Tao, Z. and Chen, J., 2014. Magnesium–air batteries: from principle to application. *Materials Horizons*, 1(2), pp.196-206.
- [10] Badan Geologi Pusat Sumber Daya Geologi. (2015). *Executive Summary Pemutakhiran Data dan Neraca Sumber Daya Mineral*. Jakarta: Kementrian Energi dan Sumber Daya Mineral.
- [11] Friedrich, H. E., & Mordike, B. L. (2006). *Melting, Alloying and Refining* (pp. 109-143). Springer Berlin Heidelberg.



- [12] Potensi Agromineral di Indonesia. Kementrian Energi dan Sumber Daya Mineral R.I .12 Februari 2014. Website. 10 Januari 2018.
- [13] Ali, Anam, 1984, *Aplications of Dolomit, Industrial Minerals*, Oktober 1984.
- [14] Agung, Budhy d.k.k 2011, *Pembuatan Kiserit dari Dolomit skala Pilot*, Puslitbang Teknologi Mineral dan Batubara, Badan Litbang Energi dan Sumber Daya Mineral.
- [15] Ulrich, K. T. (2003). *Product design and development*. Tata McGraw-Hill Education.
- [16] M.Bowen, R. (2012). *Research & Development, Innovation and The Science and Engineering Workforce*. Arlington: National Science Foundation.
- [17] Indicators of Sustainable Deve lopment 2016. BPS-Statistics Indonesia. Indonesia.
- [18] Kajian Indikator Sustainable Development Goals(SDGs). Badan Pusat Statistik.
- [19] Steiner, J. P., Blakeley, M., & Miller, A. (2014). Estimating the battery life of a wireless occupancy sensor. *Lutron Electronics Co., Inc. IP*, (367-2437).
- [20] Barboni, L., & Valle, M. (2014). Experimental Assessment of the Battery Lifetime in WSN Based on the Duty-Cycle Current Average Method. *Wireless Sensor Network*, 6(10), 212.
- [21] Misawa, T. S. (2015). Ni-MH Battery Voltage Statistical Analysis in Lifetime Cycle. *Proc. Schl. Eng. Tokai Univ., Ser. E*, 43-53.
- [22] Hahn, R., Mainert, J., Glaw, F., & Lang, K. D. (2015). Sea water magnesium fuel cell power supply. *Journal of Power Sources*, 288, 26-35.
- [23] Bard, A. J., Faulkner, L. R., Leddy, J., & Zoski, C. G. (1980). *Electrochemical methods : fundamentals and applications* (Vol. 2). New York : wiley.
- [24] Petrucci, R. H., (1999), *Kimia Dasar*, Alih Bahasa Achmadi, S., Erlangga, Jakarta, 31-35.
- [25] Zoski, C. G. (Ed.). (2006). *Handbook of electrochemistry*. Elsevier.
- [26] Kim, B. (2013). *Non-Precious Cathode Electrocatalytic Materials for Zinc-Air Battery* (Master's thesis, University of Waterloo).



- [27] Vardar, G. (2016). Rechargeable Magnesium/Oxygen Batteries: Reaction Mechanisms and Their Dependence on Electrolyte Composition.
- [28] Yan, Y. (2016). *Ionic liquid electrolytes in mg-air batteries* (No. Ph. D.). Deakin University.
- [29] Wilson, B. J. (1968). *Characteristics of an Improved Inert-Cathode/Magnesium - Anode Sea-Water Battery* (No. NRL-6715). NAVAL RESEARCH LAB WASHINGTON DC.
- [30] Sathyanarayana, S., & Munichandraiah, N. (1981). A new magnesium—air cell for long-life applications. *Journal of Applied Electrochemistry*, 11(1), 33-39.
- [31] Gregory, T.; Hoffman, R.; Winterton, R. Nonaqueous Electrochemistry of Magnesium Applications to Energy Storage. *J. Electrochem. Soc.* **1990**, 137 (3), 775–780.
- [32] Aurbach, D., Lu, Z., Schechter, A., Gofer, Y., Gizbar, H., Turgeman, R., Cohen, Y., Moshkovich, M., Levi, E. Prototype Systems for Rechargeable Magnesium Batteries, *Nature*, **2000**, 407, 724-727
- [33] Watkins, T. S. (2016). *Magnesium Battery Electrolytes in Ionic Liquids*. Arizona State University.
- [34] G.L. Song, A. Atrens, “Corrosion Mechanisms of Magnesium Alloys,” *Advanced Engineering Materials*, 1999; **1**(1), p. 11-33.
- [35] E. Ghali, W. Dietzel, K.U. Kainer, “General and Localized Corrosion of Magnesium Alloys: A Critical Review,” *Journal of Materials Engineering and Performance*, 2004; **13**(1), p. 7-23.
- [36] Vadella, R. J. (2013). *Development of a High Surface Area Cathode for an Environmentally Friendly Magnesium Reserve Battery*.
- [37] W.S. Loose, “Corrosion and Protection of Magnesium,” *Metals Handbook*, ASM International, Materials Park, OH, 1946; p. 173-260.
- [38] G.L. Makar, J. Kruger, “Corrosion of magnesium,” *International Materials Reviews*, 1993; **38**(3), p. 138-153.



- [39] Kim, B. (2013). *Non-Precious Cathode Electrocatalytic Materials for Zinc-Air Battery* (Master's thesis, University of Waterloo)
- [40] Fitriani, L. (2012). Studi Reaksi Reduksi CO<sub>2</sub> dengan Metode Elektrokimia Menggunakan Elektroda Cu. Depok: FMIPA UI.
- [41] Lower, S. (1999). Chem1 virtual textbook.
- [42] Wong, Joseph. 2000. *Analytical Electrochemistry, 2nd edition*. USA : A John Willey & Son , Inc.
- [43] Lepoivre, F. (2016). *Study and improvement of non-aqueous Lithium-Air batteries via the development of a silicon-based anode* (Doctoral dissertation, Université Pierre et Marie Curie-Paris VI).
- [44] Chen, J. (2015). *Silicon-Incorporated Carbon Spheres As Anode Material for Lithium-ion Batteries* (Doctoral dissertation).
- [45] Achchige, P., & Erangi, M. K. (2014). Development of A New Cell Design for Battery Research and an Investigation of Electrode Materials and Electrolyte Systems For Mg Batteries.
- [46] Achmad, H. (2001), *Elektrokimia dan Kinetika Kimia*, Citra Aditya Bakti, Bandung, 45-103.
- [47] Kim, B. (2013). *Non-Precious Cathode Electrocatalytic Materials for Zinc-Air Battery* (Master's thesis, University of Waterloo)
- [48] Draper, N dan Smith, H. 1992. *Analisis Regresi Terapan*. Ed ke-2. Gramedia. Jakarta.
- [49] A. Abebe, J. J. (2001). Statistical and Data Analysis. Michigan: Department of Statistics Western Michigan University.
- [50] Winner, L. (2009). Applied Statistical Methods. *Department of Statistics, University of Florida*.
- [51] Rawlings, J. O., Pantula, S. G., & Dickey, D. A. (2001). *Applied regression analysis: a research tool*. Springer Science & Business Media.
- [52] Neter, J., Kutner, M. H., Nachtsheim, C. J., & Wasserman, W. (1996). *Applied linear statistical models* (Vol. 4, p. 318). Chicago: Irwin.
- [53] Arief, D. (1984). Pengukuran Salinitas Air Laut dan Peranannya dalam Ilmu Kelautan. *Jurnal Kelautan*, 9(1).