

DAFTAR PUSTAKA

- [1] Fajri, Muhammad Lucky. 2016. Pemanfaatan Zeolit Alam Sumatera Barat Sebagai Pendukung TiO_2 Dalam Degradasi Congo Red Serta Simulasi Limbah Secara Fotolisis. Skripsi. FMIPA Universitas Andalas, Padang
- [2] Zilfa, Hamzar, S, Safni, Novesar, J. 2011. Penggunaan Zeolit Sebagai Pendegradasi Senyawa Permetrin Dengan Metoda Fotolisis. Jurnal Nature Indonesia, UNRI, 14, 1, Hal 14-18
- [3] Zilfa, Hamzar, S, Safni, Novesar, J. 2011. Degradasi senyawa permetrin dengan menggunakan zeolit alam terpilhar TiO_2 . J. Ecolab, 5, 1, Hal 1-44
- [4] Zilfa, Yulizar Yusuf, Safni, Ayu Permata Deli. 2013. Degradasi Pestisida (Permetrin) Dengan Metode Ozonolisis Menggunakan TiO_2 /Zeolit Sebagai Katalis. Prosiding. Padang: Seminar Nasional Kimia Dan Pendidikan Kimia 7 Desember 2013 HKI Cabang Padang. Hal 179-183
- [5] T. Robinson, G. Mc Mullan, and Marchant. 2001. Remediation Of Dyes In Testile Effluent, A Critical Review On Current Treatment Technologies With A Proposed Alternative. Bioresourse Technologies. Vol. 77. Hal 247-255
- [6] J, C, Yu and L, Y. L., Chan. 1998. Photocatalytic Degradation Of A Gaseous Organic Pollution. Journal Chemical Education, Vol. 75 No 6
- [7] M. R. Hoffmann, S. T. Martin, w. Choi, and D. W. Bahnemann. 2010. Environmental Applications Of Semiconductor Photocatalysis. Chem Rev, American Chemical Society. Vol. 95 No. 1
- [8] Dini, Eka Wahyu Putri, Wardhani, Sri. 2014. Degradasi Metilen Biru Menggunakan Fotokatalis Zno-Zeolit. Jurnal Kimia, Jurusan Kimia, FMIPA Universitas Brawijaya. Vol. 7, No. 1
- [9] Lestary, Dewi Yuanita. 2010. Kajian Modifikasi Dan Karakterisasi Zeolit Alam Dari Berbagai Negara . Prosiding Seminar Nasional Kimia Dan Pendidikan Kimia, Jurusan Pendidikan Kimia UNY, Yogyakarta. Hal 1-6
- [10] Sutarti, M., Rachmawati, M. 1994. Zeolit Tinjauan Literatur. Pusat dokumentasi dan informasi ilmiah, LIPI, Jakarta
- [11] Hay, R.L. 1996. Zeolits and Zeolitic Reaction in Sedimentary Rocks. *Journal Dept. Geology and Geophysics*. University of California, Berkeley, California.
- [12] Suminta, Supandi. 2006. Karakterisasi Zeolit Alam Dengan Metoda Difraksi Sinar-X. Jurnal Zeolite Indonesia, Vol. 5 No. 2
- [13] Georgiev, D., Bogdanov, B., Angelova, K., Markovska, I., & Hristov, Y. (2009).

Synthetic Zeolit-Structure Classification, Current Trends in Zeolit Synthetis.
International Science Conference. 7: 1.

- [14] Torimoto, T., S. Ito, S. Kuwabata & H. Yoneyama. 1996. Effects of Adsorbent Used as Support for Titanium Dioxide Loading on Photocatalytic Degradation of Propozamide. *Environ. Sci. Technol.*, No. 30, 1275-1281
- [15] Garcia, Andreina & Juan Matos. 2010. Photocatalytic Activity of TiO₂ on Activated Carbon Under Visible Light in The Photodegradation of Phenol. *The Open Materials Science Jurnal*, 4
- [16] Y.Li, X, Li, J.Li, & J.Yin. 2005. Photocatalytic Degradation of Methyl Orange in A Spargedtube Reactor with TiO₂-Coated Activated Carbon Composites. *Catal. Commun.*, 6, 650-655
- [17] Darajat, Syukri., Aziz, Hermansyah., Alif, Admin. 2008. Seng Oksida (Zno) Sebagai Fotokatalisis Pada Proses Degradasi Senyawa Biru Metilen. *Jurnal Kimia FMIPA Universitas Andalas, Padang*. Vol. 1, No. 2. Hal 1-9
- [18] Cotton, F. A., Wilkinson, G. 1999. *Kimia Anorganik Dasar* (Terj. Suharto). Ui Press, Jakarta, 402
- [19] Ebrahimifard, Reza. 2010. Synthesis Of ZnO/TiO₂ Core/Shell Type Nanocomposite Via Sol-Gel Method. *Journal Key Engineering Material*. University Teheran, Iran. Hal: 471-473
- [20] Sayed-Dorrajji, M.S., Daneshvar, N., & Aber, S. 2009. *Influence Of Organic Oxidants And Metal Ions On Photocatalytic Activity Of Prepared Zink Oxide Nanocrystals*. *Global Nest Journal* Vol 11, 4, 535-545
- [21] Haslinda. 2009. Fabrication, Structural And Electrical Characteristic Of Zinc Oxide (ZnO) Thin Film By Direc Current Sputtering. Thesis. University Sains Malaysia
- [22] Vora, J. J, Chauhan, S.K, Pamar, K.C Vasava, S.B, Sharma, S, Bhutadia, L.S. 2009. Kinetic Study Of Application Of Zno As A Photocatalyst In Heterogeneous Medium. *E-Journal Of Chemistry*, 6(2), 531-536
- [23] Wega Trisunaryanti And Ignatius Emmanuel. 2009. Preparation, Characterization, Activity, Deactivation, And Regeneration Test Of Coo-Moo/Zno And Coo-Moo/Zno-Activated Zeolite Catalysts For The Hydrogen Production From Fusel Oil. 9(3), 361-368
- [24] Day, M.C. & Selbin, J. 1985. *Kimia Anorganik*. Penerjemah: Wisnu Susetyo. Yogyakarta :UGM Press

- [25] Maria Cristina, Mu'nisatun, Rani Saptaji & Djoko Marjanto. 2007. Studi Pendahuluan Mengenai Degradasi Zat Warna Azo (Metil Orange) Dalam Pelarut Air Menggunakan Mesin Berkas Electron 350 Kev/10 Ma. Jurnal Forum Nuklir. No. 1 Vol. 1 Hal 31-44
- [26] Fatimah, I., Sugiharto, E., Wijaya, K., Tahir, I., & Kamalia. 2006. Titanium Oxide Dispered On Natural Zeolite ($\text{TiO}_2/\text{Zeolite}$) And Its Application For Congo Red Phodegradation. *Indonesian Journal Of Chemistry*, 6(1), 8-42
- [27] Ni Luh Putu Widianti, James Sibarani & Manuntun Manurung. 2013. Studi Fotodegradasi Congo Red Menggunakan Uv/Zno/Reagen Fenton. Jurnal Kimia. Issn 1907-9850
- [28] Haithem Bel HadjItaief, Maurad Ben Zina, Maria Elena Galvez, Patrick Da Costa. 2016. Photocatalytic Degradation Of Methyl Green Dye In Aqueous Solution Over Natural Clay-Supported ZnO-TiO_2 Catalyst. Hal: 25-33
- [29] Khopkar, S. M. 2008. *Konsep Dasar Kimia Analitik*. Jakarta: UI Press.
- [30] Murthy N., Sanjeva, & Reidinger, F. 1996. *X-Ray Analysis, A Guide to Materials Characteritaton and Chemical Analysis (2nded)*. New York: VCH.
- [31] West, Anthony R. 1989. *Solid State Chemistry and Its Applications*. Singapore: John Wiley & Sons Publisher.
- [32] Anam, Choirul., Sirojudin, K. Sofjan Firdausi: Analisis Gugus Fungsi Pada Sampel Uji Bensin dan Spiritus Menggunakan Metode Spektroskopi FTIR. *J. Kim* 2007, 10(1): 79-85
- [33] X. F. Lei, X. X Xue, H. Yang : Preparation and Characterization of Ag-Doped TiO_2 Nanomaterials And Their Photocatalytic Reduction of Cr(VI) Under Visible Light. *Applied Surface Acience* 2014, 321: 396-403
- [34] Molinowska, B. Walendziewski, J, D. 2003. The Study Of Photocatalytic Activities Of Titania And Titania /Silica Aerojels, *Applied Catalys B. Enviromental*, 46, 3, 441-451
- [35] Anwar, D. I. 2011. Sintesis Komposit Fe- TiO_2 - SiO_2 Sebagai Fotokatalis Pada Degrasi Erionyl Yellow, *Tesis*. Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Gajah Mada, Yogyakarta
- [36] Zuhriah, S. 2011. Degradasi Zat Warna Methyl Orange Menggunakan Fotokatalis Zno/Zeolit Dengan Sinar UV. Skripsi. FMIPA Universitas Brawijaya, Malang