

## DAFTAR PUSTAKA

- Anastas PT, Warner JC. 1998. Green chemistry: theory and practice. *Oxford Science Publications*, Oxford.
- Antonopoulou, M., Evgenidou, E., Lambropoulou, D., & Konstantinou, I. (2014). A review on advanced oxidation processes for the removal of taste and odor compounds from aqueous media. *Water research*, 53, 215-234.
- Atalay S, Ersöz G. 2015. Green chemistry for dyes removal from waste water: research trends and applications. In: Sharma SK (ed) Processes for removal of dyes from aqueous media. *Scrivener Publishing LLC, Beverly*, pp 83–117.
- Ayoub, K., van Hullebusch, E. D., Cassir, M., & Bermond, A. (2010). Application of advanced oxidation processes for TNT removal: a review. *Journal of hazardous materials*, 178(1), 10-28.
- Chirita, M. 2009. Fe<sub>2</sub>O<sub>3</sub> Nanoparticles Physical Properties and Their Photochemical and Photoelectrochemical Poitechnica University of Timisora. *Applications Chemistry Bulletin*, Volume 54 (68).
- Cundy, C.S. dan P.A. Cox, 2003. The hydrothermal synthesis of zeolites: history and development from the earliest days to the present time. *Chemical Reviews*.
- Effendi, H. 2003. Telaah Kualitas Air Bagi Pengolahan Sumber Daya Air dan Lingkungan. *Kanisius* : Yogyakarta.
- Erni J & Naoto Matsue. 2015. pH Dependence of Lead Adsorption on Zeolites. *Journal of Environmental Protection* 06(01):45-53.
- Fisli, Adel. 2015. Pengembangan Fotokatalis Bermagnet (Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/TiO<sub>2</sub>) Untuk Eliminasi Zat Organik (Metilen Biru dan Paraquat) dalam Air. *Departemen Kimia, FMIPA, Universitas Indonesia*: 2015.
- Garces J, Makwana VD, Hincapie B, Sacco A, Suib SL. Selective N,N-methylation of aniline over cocrystallized zeolites RHO and zeolite X (FAU) and over Linde type L (Sr,K-LTL). *Journal of Catalysis* 217 (2003) 107–116.

- Gaehr F, Hermanuts F, Oppermann W. 2008. Ozonation-an important technique to comply with new German laws for textile wastewater treatment. *Water Sci Technol* 30(3):255–263.
- Gaugazeh, M., Buhl. 2013. Synthesis and Characterization of Zeolite A by Hydrothermal Transformation of Natural Jordanian Kaolin. *Journal of the Association of Arab Universities for Basic, and Applied Science*, 15, 35-42.
- GE Healthcare Life Science. 2013. Spectrophotometry Handbook.
- Harikumar PS, Litty J, Dhanya A. Photocatalytic degradation of textile dyes by hydrogel supported titanium dioxide nanoparticles. *Water Quality Division, Centre for Water Resources Development and Management, Kozhikode, Kerala, India*: 2013.
- Hermann J.M. 1999. Heterogeneous Photocatalysis: Fundamentals and Applications to the removal of various types of aqueous pollutants. *Catalysis Today*, 53, 115-129.
- Herney-Ramirez J, Vicente MA, Madeira LM (2010). Heterogeneous photo-Fenton oxidation with pillared clay-based catalysts for wastewater treatment: a review. *Appl Catal B* 98:10–26
- Hikmah, Mutiara. 2001. Aspek Penegakan Hukum pada Pencemaran Air (Suatu Kajian Awal Terhadap Saluran Air di Jalan Raya Citayam, Bogor). *Fakultas Hukum, Universitas Indonesia*: Depok.
- Houas, A. Lachheb, H. Ksibi, M. Elaloui, W. Guillard, C. & Herrmann. 2000. Photocatalytic degradation pathway of methylene blue in water. *Applied Catalysis B: Environmental* 31 (2001) 145–157.
- Jha, B. and D.N. Singh, 2011. A review on synthesis, characterization and industrial applications of flyash zeolites. *Journal of Materials Education*. 33: p. 65–132. DOI: 10.1002/chin.201225227.

- Karci, A. 2014. Degradation of chlorophenols and alkylphenol ethoxylates, two representative textile chemicals, in water by advanced oxidation processes: The state of the art on transformation products and toxicity. *Chemosphere*, 99, 1-18.
- Kwan, W.P. and Voelker, 2003. B.M. Rates of Hydroxyl Radical Generation and Organic Compound Oxidation in Mineral Catalyse Fenton-like Systems. *Environment Science and Technology*, Vol 37, pp. 1150–1158.
- Lestari Puji, A. 2006. Studi Banding Metode Fenton ( $H_2O_2$ ,  $FeSO_4$ ) dan Oksidasi Fotokimia ( $H_2O_2$ , UV) Terhadap Proses Degradasi Alizarin Red. *Departemen Kimia, FMIPA, Universitas Indonesia*: 2006.
- Listyarini, A. 2001. Pengurangan Kadar Warna dengan Metode Oksidasi Fotokimia UV/ $H_2O_2$ . *Departemen Kimia, FMIPA, Universitas Indonesia* : Depok.
- Max Lu, 2012. Functional Nanostructured Materials and Membranes for Water Treatment, *The University of Queensland*, Brisbane.
- Nibou D, Amokrane S, Mekatel H, Lebaili N. 2009. Elaboration and Characterization of Solid Materials of TypesZeolite NaA and Faujasite NaY Exchanged by Zinc Metallic ions  $Zn^{2+}$ . *Université des Sciences et Technologie Houari Boumediene*, Faculté Génie des Procédés et Génie Mécanique, B.P. 32, El-Alia, Bab Ezzouar, Alger, Algérie.
- Ozdemir, Ozgul, D., Sabriye, P. 2013. Zeolite X Synthesis with Different Sources. *International Journal of Chemical, Environmental & Biological Sciences (IJCEBS)*, 1 (2), 2320 –4087.
- Puji K, Bayu W, Angga K, Tri E. 2016. Kinetic study of Cr(VI) Adsorption on Hydrotalcite Mg/Al with Molar Ratio 2:1. *DIII Analis Kimia UII*, Jl. Kaliurang Km 14,5 Yogyakarta 55584.
- Rodrigues, M. A. S., Amado, F. D. R., Xavier, J. L. N., Streit, K. F., Bernardes, A. M., & Ferreira, J. Z. (2008). Application of photoelectrochemical-electrodialysis treatment for the recovery and reuse of water from tannery effluents. *Journal of Cleaner Production*, 16(5), 605-611.

- Rohiman, 2001. Pengelolaan Air Limbah oleh PD Pal Jaya Dalam Rangka Pengendalian Pencemaran Air di DKI Jakarta. *Fakultas Hukum, Universitas Indonesia*: 2001.
- Ronawati, A. 2005. Studi Degradasi Dyesstuff Chloranil Yellow Menggunakan Metode Fenton ( $H_2O_2$ ,  $FeSO_4$ ). *Departemen Kimia, FIMPA, Universitas Indonesia* : 2005.
- Sari HD & Siti W. 2015. OPTIMASI PROSES DEGRADASI LIMBAH WARNA OLEH KATALIS HETEROGEN  $Fe_3O_4/SiO_2$  MENGGUNAKAN METODE FOTO FENTON. *Pusat Sains dan Teknologi Bahan Maju- Badan Tenaga Nuklir Nasional*, Yogyakarta ISSN :0854-4778.
- Schrank, S. G., José, H. J., Moreira, R. F. P. M., & Schröder, H. F. 2005. Applicability of Fenton and  $H_2O_2/UV$  reactions in the treatment of tannery wastewaters. *Chemosphere*, 60(5), 644-655.
- Sharma S, Ruparelia JP, Patel ML. 2011. A general review on advanced oxidation processes for waste water treatment. *Institute of Technology*. Nirma University, Ahmedabad, pp 382–481.
- Sheldon RA, Arends I, Hanefeld U. 2007. Green chemistry and catalysis. *WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim*.
- Sholeh, M., Supraptiningsih, and Arsitika, W. P., 2013. Penurunan COD air limbah industri penyamakan kulit menggunakan reagen fenton. *Majalah Kulit, Karet, dan Plastik*, 29(1):31-36.
- Soleh, M dan Setyorini, Ike. 2014. TINJAUAN PENGGUNAAN ADVANCED OXIDATION PROCESSES (AOPs) UNTUK PENGOLAHAN AIR LIMBAH INDUSTRI PENYAMAKAN KULIT. *Prosiding Seminar Yogyakarta: Balai Besar Kulit, Karet, dan Plastik*, Badan Pengkajian Kebijakan, Iklim, dan Mutu Industri Kementerian Perindustrian RI.
- Soon AN, Hameed BH. 2011. Heterogeneous catalytic treatment of synthetic dyes in aqueous media using Fenton, and photo-assisted Fenton process. *Desalination* 269:1–16.
- Suheday, A and Gulin Ersoz. 2016. Novel Catalysts in Advanced Oxidation of Organic Pollutants. *Faculty of Engineering, Ege University : Turkey*.

- Tang Z-R. 2007. *Green catalysts preparation using supercritical CO<sub>2</sub> as an antisolvent. Doctoral Thesis, Cardiff University.*
- Tchobanoglous, G., Burton, F.L., Stensel, H, D. 2003. Wastewater Engineering Treatment and Reuse, 4th edition. *Mc Graw Hill : New York.*
- Vatanpour, V., Daneshvar, N., Rasoulifard, H., 2009. Electro-fenton Degradation of Synthetic Dye Mixture: Influence of Intermediate, *J. Environ. Eng. Manage.*, 19(5): 277-282.
- Wang, Y., Li, W., Irini, A., & Su, C. (2014). Removal of organic pollutants in tannery wastewater from wet-blue fur processing by integrated Anoxic/Oxic (A/O) and Fenton: Process optimization. *Chemical Engineering Journal*, 252, 22-29.
- Xu, R., W. Pang, J. Yu, Q. Huo, and J. Chen. 2007. Chemistry of zeolites and related porous materials: synthesis and structure. *Singapore: John Wiley & Sons; 696p.*
- Yalfani MS. 2011 . New catalytic advanced oxidation processes for wastewater treatment. *Doctoral Thesis, Universitat Rovira i Virgili.*
- Yusuf, Y., 2011, Industri Penyamakan Kulit dan Dampaknya bagi Kesehatan Lingkungan, *Sigma Journal*, 3(1).