

DAFTAR PUSTAKA

- [1] Annur, Cindy Mutia (2020). Produksi perkebunan kelapa sawit di Indonesia terus naik selama lima tahun terakhir.<http://databoks.katada.co.id> (diakses pada tanggal 14 januari 2021).
- [2] Riandini, Yoel Migei, ‘Penggunaan Teknologi Plasma (Electrical Discharge) Pada Permukaan Aor dengan Sistem Non-Contact Electrode untuk menurunkan warna, pH, TSS, COD dalam Limbah Cair Pencelupan industri Tekstil‘. Laporan Tugas Akhir Teknik Lingkungan. Semarang: Universitas Diponegoro, 2006.
- [3] Nath, Kaushik dan Debabrata Das. Biohydrogen production as a potential energy resource-Present of art. Journal of Scientific & Industrial Research. Vol.63, 2004, p.729-738..
- [4] Z. Latif, A.Wahjudi, and B. Sudarmanta,”Rancangan Bangun Sistem Pengukuran Pada Alat Kalibrasi Sensor Oksigen (O₂).”vol.1,no.2,2014.
- [5] Hasanudin, U., & Haryanto, A. (2017). Karakteristik Pengolahan Limbah Cair Pabrik Minyak Kelapa Sawit Dalam Bioreaktor Cigar Semi Kontinu Characteristic of Palm Oil Mill Waste Water Treatment Using Semicontinue Anaerobic Cigar Bioreactor. *Teknik Pertanian Lampung*, 6(2), 81–88.
- [6] Amalia Karina, Badrus Zaman, A. S. (2015). *Pengaruh TSS*: Universitas Diponegoro.
- [7] Murphy, J.H.d.A.B., Thermal plasma waste treatment. *Journal of Physics D Applied Physics*, 2008: p. 1.
- [8] Nur, Muhammad dan Dea. 2011. FISIKA PLASMA DAN APLIKASINYA. Semarang: Universitas Diponegoro.
- [9] Lopez, j. L.(2008). Dielectric barrier discharge, ozone generation, and theri applications. *Complex plasma summer institute*, 1-93.
- [10] Unnisa, S.A. and M. Hassanpour, Plasma Technology and Waste Management. iMedPub Journals, 2017. 1: p. 1.

- [11] Ruj, B. and S. Ghosh, Technological aspects for thermal plasma treatment of municipal solid waste—A review. *Fuel Processing Technology*, 2014. 126: p. 298-308.
- [12] Aris Munandar, A. 1975. *TEKNIK TEGANGAN TINGGI*. Jakarta: Pradnya Paramita.
- [13] Yulastri, Hazmi, A., Desmiarti, R., (2013). Aplikasi plasma dengan metoda *dielectric barrier discharge (DBD)* untuk pengolahan limbah cair kelapa sawit. *Jurnal Nasional Teknik Elektro*, 2(2), 46-50.
- [14] Akhmad, A.A., PEMESINAN NONKONVENTSIONAL PLASMA ARC CUTTING. *JURNAL REKAYASA MESIN*, 2009. 9: p. 51.
- [15] Istiqomah, Nur, M., Arianto, F. (2017). Karakterisasi reaktor plasma lucutan berpenghalang dielektrik berkonfigurasi elektroda spiral-silinder dengan sumber udara bebas. *Journal of Youngster Physics*, 6(3), 235-241.
- [16] Wang, C., Zhang, G., Wang, X. (2012). Comparisons of discharge characteristics of a dielectric barrier discharge with different electrode structures. *Journal of Vacuum*, 86, 960-964.
- [17] Carpinlioglu, M.O., & Sanlisoy, A. (2017). Performance assessment of plasma gasification for waste to energy conversion: A methodology for thermodynamic analysis. *Journal of Hydrogen Energy*, 30, 1-12.
- [18] Hazmi A, Desmiarti R, , Hamid M Imran, Edwardo, Waldi EP. Preliminary Study on biogas production from POME by DBD plasma. 2013; 15(2):3-5.
- [19] Norfadilah N, Raheem A, Harun R, Ahmadun FR. Bio-hydrogen production from palm oil mill effluent (POME): A preliminary study. *International Journal of Hydrogen Energy*. 2016; 41(28): 11960-11964.
- [20] Sattar A, Arslan C, Ji C, Sattar S, Mari IA, Rashid H, Ilyas F. Comparing the bio-hydrogen production potential of pretreated rice straw co-digested with seeded sludge using an anaerobic bioreactor undermesophilic thermophilic conditions. *Energies*. 2016; 9: 198.

- [21] Fang HHP, Liu H. Effect of pH on hydrogen production from glucose by a mixed culture. *Bioresource Technology*. 2002; 82(1): 87-93.
- [22] Ueno Y, Haruta S, Ishii M, Igarashi Y. Characterization of a microorganism isolated from the effluent of hydrogen fermentation by microflora. *Journal of Bioscience and Bioengineering*. 2001; 92(4): 397400.
- [23] Yong Yang, Young I. Cho, Alexander A. Fridman. (2012). Plasma discharge in water, 1-209.
- [24] Hartini E. 2012. Cascade Aerator Dan Bubble Aerator Dalam Menurunkan Kadar Mangan Air Sumur Gali. *Jurnal Kesehatan Masyarakat*. 8(1): 42-50. Fakultas Kesehatan, Universitas Dian Nuswantoro, Semarang, Indonesia.
- [25] S. Wardhani, "Hydrogen," *Jur. Kim. Fak. Mat. dan Ilmu Pengetah. Alam Univ. Brawijaya, Malang*.
- [26] R. I. Waskito, "Analisis Penggunaan Gas Hidrogen Hasil Elektrolisis Air Pada Motor Bakar 4 Langkah Yang Diinjeksikan Setelah Karburator.
- [27] R. Lestari, "Uji Kapasitas Adsorpsi Karbon Aktif Dari Batubara Dan Tempurung Kelapa Untuk Penyimpanan Gas Hidrogen Dan Metana Skripsi," Universitas Indonesia, 2010.
- [28] M. A. Adrinta, M. Ihsan, A. Syahputra, R. Imam, and R. S. Ramadhani, "Sensor," vol. 1.
- [29] Jiang, B.; Zheng, J.; Qiu, S.; Wu, M.; Zhang, Q.; Yan, Z.; Xue, Q., Review on Electrical Discharge Plasma Technology for Wastewater Remediation. *Chemical Engineering Journal*, 2014, 236, 348-368.
- [30] Yamtake, A.; Katayama, H.; Yasuoka, K.; Ishii, S., Purification by Atmospheric DC/Pulsed Plasmas Inside Bubbles in Water. *International Journal of Plasma Environmental Science & Technology*, 2007, 1(1), 9195.
- [31] Yasuoka, K.; Sato, K., Development of Repetitive Pulsed Plasmas in Gas Bubbles for Water Treatment. *International Journal of Plasma Environment Science and Technology*, 2009, 3(1), 22-27.

- [32] Figaro, “TGS 821 - Special Sensor for Hydrogen Gas.”
- [33] Figaro, “TGS 816 - For Detection of Combustible Gases”.

