

DAFTAR PUSTAKA

- [1] R. Chatterjee, "Fundamental Concepts and Discussion of Plasma Physics," *TECHNO Rev. J. Technol. Manag.*, vol. 2, no. 1, pp. 01–14, Mar. 2022, [Online]. Available: <https://technoreview.co.in/index.php/TRJTM/article/view/18>
- [2] J. F. a b C *et al.*, "Multiple benefits of polypropylene plasma gasification to consolidate plastic treatment, CO₂ utilization, and renewable electricity storage," vol. 368, 2024, doi: <https://doi.org/10.1016/j.fuel.2024.131692>.
- [3] S. Effendi, A. Azharuddin, and G. Pramedian, "Rancang bangun alat gasifikasi sistem updraft double gas outlet berbahan bakar biomassa (tempurung kelapa) dengan pengaruh laju alir udara pembakaran terhadap produk syngas," *Austenit*, vol. 5, pp. 15–21, 2013, [Online]. Available: <http://jurnal.polsri.ac.id/index.php/austenit/article/view/807%0Ahttps://jurnal.polsri.ac.id/index.php/austenit/article/download/807/611>
- [4] R. Mallick and P. Vairakannu, "Experimental investigation of acrylonitrile butadiene styrene plastics plasma gasification," vol. 345, 2023, doi: <https://doi.org/10.1016/j.jenvman.2023.118655>.
- [5] Y. Byun, M. Cho, S.-M. Hwang, and J. Chung, "Thermal Plasma Gasification of Municipal Solid Waste (MSW)," *Gasif. Pract. Appl.*, no. October, 2012, doi: 10.5772/48537.
- [6] Y. Xin, B. Sun, X. Zhu, Z. Yan, and X. Sun, "Hydrogen-rich syngas production by liquid phase pulsed electrodeless discharge," *Energy*, vol. 214, p. 118902, 2021, doi: 10.1016/j.energy.2020.118902.
- [7] B. Ulejczyk, Ł. Nogal, M. Młotek, and K. Krawczyk, "Effect of Water Content on Ethanol Steam Reforming in the Nonthermal Plasma," *ACS Omega*, vol. 8, no. 11, pp. 10119–10125, 2023, doi: 10.1021/acsomega.2c07431.
- [8] T. Agung R and H. S. Winata, "Pengolahan Air Limbah Industri Tahu Dengan Menggunakan Teknologi Plasma," *J. Imiah Tek. Lingkung.*, vol. 2, no. 2, pp. 19–28, 2017.
- [9] M. Nur, *Plasma Physics and Applications*. 2011.
- [10] Istiqomah, M. Nur, and F. Arianto, "Karakterisasi reaktor plasma lucutan berpenghalang dielektrik berkonfigurasi elektroda spiral-silinder dengan sumber udara bebas," *Youngster Phys. J.*, vol. 6, no. 3, pp. 235–241, 2017.
- [11] F. Teknik *et al.*, "Rancang Bangun Sistem Switching Dalam Meningkatkan Waktu Operasi Reaktor Plasma Dielektrik Barrier Discharge (Dbd) Untuk Filter Gas Buang Insinerator," 2022.
- [12] Y. Ohtsu, "Physics of High-Density Radio Frequency Capacitively Coupled Plasma with Various Electrodes and Its Applications," *Intech*, vol. i, no. tourism, p. 15, 2016, [Online]. Available: <https://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics>
- [13] H. Nurullita and A. Warsito, "Sistem Corona Treatment Untuk Bopp Film Pada PT Polidayaguna Perkasa," *Makal. Semin. Kerja Prakt.*, pp. 1–6, 2013.

- [14] B. P. Putra and N. Sinaga, "Tinjauan Ringkas Teknologi Gasifikasi Plasma Dalam Pengolahan Limbah Padat Menjadi Energi Baru Terbarukan," *Eksergi*, vol. 17, no. 2, p. 133, 2021, doi: 10.32497/eksergi.v17i2.2620.
- [15] B. Ulejczyk, Ł. Nogal, M. Młotek, and K. Krawczyk, "Efficient Plasma Technology for the Production of Green Hydrogen from Ethanol and Water," *Energies*, vol. 15, no. 8, 2022, doi: 10.3390/en15082777.
- [16] M. Windholz, "The Merck index: an encyclopedia of chemicals and drugs," in *9th edition*, 1976.
- [17] "Ethanol". *Encyclopedia of chemical technology*. 9. 1991.
- [18] T. C. Costigan MJ, Hodges LJ, Marsh KN, Stokes RH, "The Isothermal Displacement Calorimeter: Design Modifications for Measuring Exothermic Enthalpies of Mixing," vol. 33 (10), 1980, doi: <https://doi.org/10.1071/CH9802103>.
- [19] L. Organik, V. Grigaitienė, A. Tamošiūnas, V. Valinčius, P. Valatkevi, and I. I. P. Eksperimental, "Obor plasma uap air untuk produksi gas sintesis dari limbah organik *," pp. 1–5, 2014.
- [20] V. C. S. D. F. Rotundo, C. Martini, C. Chiavari, L. Ceschini, A. Concetti, E. Ghedini, "Plasma arc cutting: Microstructural modifications of hafnium cathodes during first cycles".
- [21] M. Fajar Banjarnahor, Alfian H. Siregar, M. Sabri, Indra, "Studi Pengelasan Tungsten Inert Gas Terhadap Kekuatan Sambungan dan Sifat Mekanik pada Baja Aisi 1045," no. 1, pp. 57–70, 2018.
- [22] R. Bates and K. Dölle, "Syngas Use in Internal Combustion Engines - A Review," *Adv. Res.*, vol. 10, no. 1, pp. 1–8, 2017, doi: 10.9734/air/2017/32896.
- [23] R. S. Agnitas and R. Rusiyanto, "Pengaruh Variasi Kuat Arus Terhadap Lebar Pemotongan dan Kekerasan pada Baja Karbon Sedang dengan CNC Plasma Arc Cutting," *J. Din. Vokasional Tek. Mesin*, vol. 4, no. 2, pp. 99–104, 2019, doi: 10.21831/dinamika.v4i2.27391.
- [24] C. Pardo, J. González-Aguilar, A. Rodríguez-Yunta, and M. A. G. Calderón, "Spectroscopic analysis of an air plasma cutting torch," *J. Phys. D. Appl. Phys.*, vol. 32, no. 17, pp. 2181–2189, 1999, doi: 10.1088/0022-3727/32/17/308.
- [25] H. Nishioka, H. Saito, and T. Watanabe, "Liquid Waste Decomposition by DC Water Plasmas at Atmospheric Pressure," *Trans. Mater. Res. Soc. Japan*, vol. 33, no. 3, pp. 691–694, 2008, doi: 10.14723/tmrsj.33.691.
- [26] N. Indrawan, S. Mohammad, A. Kumar, and R. L. Huhnke, "Modeling low temperature plasma gasification of municipal solid waste," *Environ. Technol. Innov.*, vol. 15, p. 100412, 2019, doi: 10.1016/j.eti.2019.100412.