

DAFTAR PUSTAKA

- [1] A. H. Firmansyah, W. Zamrudy, and E. Naryono, “Studi kelayakan pemanfaatan limbah (blotong, ampas tebu, tetes) sebagai biobriket,” *DISTILAT: Jurnal Teknologi Separasi*, vol. 9, no. 3, pp. 303–317, 2023.
- [2] F. R. Aseptyo and A. Asngad, “Pemanfaatan Ampas Tebu dan Ampas Teh Sebagai Media Tanam Terhadap Pertumbuhan Tanaman Cabai Merah Keriting (*Capsicum annum* L.) Ditinjau dari Intensitas Penyiraman Air Teh,” 2013, *Universitas Muhammadiyah Surakarta*.
- [3] M. K. Zafeer, R. Prabhu, S. Rao, G. T. Mahesha, and K. S. Bhat, “Mechanical Characteristics of Sugarcane Bagasse Fibre Reinforced Polymer Composites: A Review,” *Cogent Eng.*, vol. 10, no. 1, 2023, doi: 10.1080/23311916.2023.2200903.
- [4] A. Amri, *Mengenal Grafena (Graphene) dan Aplikasinya*, vol. 1, no. March. 2019.
- [5] A. Y. Nugraheni, “Analisis Struktur Grafena Oksida Tereduksi dari Tempurung Kelapa Tua dengan Hamburan Sinar-X Sudut Kecil Sinkrotron,” 2017.
- [6] P. Sungjil, “Hydrazine-Reduction of Graphite and Graphene Oxide,” *Carbon N. Y.*, vol. 49, pp. 3019–3023, 2011.
- [7] A. K. Geim, “Graphene : Status and Prospect,” vol. 324, no. 5934, pp. 1530–1534, 2009, doi: 10.1126/science.1158877.
- [8] A. Hidayat, S. Setiadji, and E. P. Hadisantoso, “Sintesis Oksida Grafena Tereduksi (rGO) dari Arang Tempurung Kelapa (*Cocos nucifera*),” *al-Kimiya*, vol. 5, no. 2, pp. 68–73, 2019, doi: 10.15575/ak.v5i2.3810.
- [9] V. S. Wahyuli and - Ramli, “Characterization Structure Micro of Graphene Oxide Which Synthesis From Bagasse With Modified Hummers Method,” *Pillar of Physics*, vol. 14, no. 2, pp. 46–52, 2021, doi: 10.24036/12227171074.
- [10] R. Harmayani, N. A. Fajri, N. M. A. Kartika, M. S. Ihsan, and G. Gufran, “Komposisi Kimia Limbah Ampas Tebu Sebagai Pakan Ruminansia,”

AGRIPTEK : Jurnal Agribisnis dan Peternakan, vol. 1, no. 2, pp. 35–40, 2021.

- [11] A. Rhazouani, H. Gamrani, and M. Achaby, “Sintesis dan Toksisitas Nanopartikel Graphene Oksida,” *BioMedRes*, 2021, doi: 10.1155/2021/5518999.juni.
- [12] P. Gonzales-Garcia, “Activated carbon from lignocellulosics precursors : A review of the synthesis methods, characterization techniques and application,” *Renewable and sustainable energy reviews*, vol. 82, no. 1393–1414, 2018.
- [13] N. A. Putri, “Sintesis Reduced Graphene Oxide (rGO) dengan Metode Hummer Termodifikasi,” pp. 1–123, 2021.
- [14] L. T. Sutayasa, “KARAKTERISASI GRAPHENE ARANG AMPAS TEBU BERBASIS X-RD DAN TEM CHARACTERIZATION OF GRAPHENE FROM BAGASSE CHARCOAL USING X-RD AND TEM Ladhita Triprayoga Sutayasa * dan I Gusti Made Sanjaya,” pp. 23–27, 2016.
- [15] S. Nasir, M. Z. Hussein, Z. Zainal, and N. A. Yusof, “Carbon-based nanomaterials/allotropes: A glimpse of their synthesis, properties and some applications,” *Materials*, vol. 11, no. 2, pp. 1–24, 2018, doi: 10.3390/ma11020295.
- [16] Z.-S. Wu, G. Zhou, L.-C. Yin, W. Ren, F. Li, and H.-M. Cheng, “Graphene/metal oxide composite electrode materials for energy storage,” *Nano Energy*, vol. 1, no. 1, pp. 107–131, 2012.
- [17] Y. Ohno, K. Maehashi, Y. Yamashiro, and K. Matsumoto, “Electrolyte-gated graphene field-effect transistors for detecting pH and protein adsorption,” *Nano Lett.*, vol. 9, no. 9, pp. 3318–3322, 2009.
- [18] K. S. Novoselov *et al.*, “Electric field effect in atomically thin carbon films,” *Science (1979).*, vol. 306, no. 5696, pp. 666–669, 2004.
- [19] A. H. Aimon and F. Iskandar, “Pengembangan Metode Sederhana pada Sintesis Reduced Graphene Oxide (rGO) dan Pengaruhnya Terhadap Konduktivitas Listrik yang Dihasilkan,” 2015.

- [20] Z. I. Aziz and A. Tjahjono, "Sintesis Graphene Oxide (GO) berbasis arang dengan metode liquid phase exfoliation (LPE)," *Jurnal Teras Fisika*, vol. 5, no. 2, p. 1, 2022, doi: 10.20884/1.jtf.2022.5.2.5488.
- [21] F. C. Asif and G. C. Saha, "Graphene-like Carbon Structure Synthesis from Biomass Pyrolysis: A Critical Review on Feedstock–Process–Properties Relationship," Mar. 01, 2023, *Multidisciplinary Digital Publishing Institute (MDPI)*. doi: 10.3390/c9010031.
- [22] M. T. Safian, U. S. Haron, and M. N. M. Ibrahim, "A Review on Bio-based Graphene Derived from Biomass Wastes".
- [23] J. Debbarma, M. Naik, and M. Saha, "From agrowaste to graphene nanosheets: chemistry and synthesis," *Fullerenes, Nanotubes and Carbon Nanostructures*, vol. 27, pp. 482–485, Jun. 2019, doi: 10.1080/1536383X.2019.1601086.
- [24] Y. Rhamadan, "Optimasi Parameter Proses Pembuatan Grafin Oksida dari Tempurung Kelapa," 2024.
- [25] B. Mulyadi, "Sintesis Graphene Oxide dengan Metode Pirolisis dari Cangkang Kelapa Sawit," Padang, 2023.

