

DAFTAR PUSTAKA

- [1] I. Setiawan, A. Zulfikar, R. Nurfaizah, and Z. A. Akbar, “*Palm Oil Cultivation (Elaeis guineensis Jacq) And Economic Analysis For Indonesia*” 2020.
- [2] R. Fauzi, Y., Widyastuti Y.E., Satyawibawa, I. dan Hartono, Kelapa Sawit : Budi Daya, Pemanfaatan Hasil dan Limbah, Analisis Usaha dan Pemasaran. Jakarta: Penebar Swadaya, 2008.
- [3] D. J. Perkebunan, Statistik Perkebunan Non Unggulan Nasional 2020-2022. Jakarta: Sekretariat Direktorat Jenderal Perkebunan, 2020.
- [4] S. Sastrosayono, Budidaya Kelapa Sawit. Purwokerto: Agromedia Pustaka, 2003.
- [5] Donda, M. Silalahi, and Y. Fransisco, “Pemanfaatan Cangkang Kelapa Sawit sebagai Arang Aktif dalam Adsorbsi Minyak Goreng Bekas,” Ready Star, 2019.
- [6] A. S. Nugroho, “Pengaruh Variasi Ukuran Cangkang Sawit pada Proses Gasifikasi terhadap Performa Gasifier Tipe Updraft,” 2019.
- [7] T. S. D. Kasih, M. Taufik, and M. Khair, “Pembuatan Karbon Aktif dari Limbah Cangkang Kelapa Sawit (*Elaeis guineensis*) Menggunakan Ultrasonik,” Periodic, 2020.
- [8] T. Rahman, M. A. Fadhlulloh, A. Bayu, D. Nandiyanto, and A. Mudzakir, “Review: Sintesis Karbon Nanopartikel,” J. Integr. Proses, 2015.
- [9] Springer and Verlag Berlin Heidelberg, Graphene Nanoelectronic Metrology, Synthesis, Properties and Applications. German, 2012.
- [10] R. I. W. W. Parwati, Lia Des, Wipsar Sunu Brams Dwandaru, Nanomaterial Graphene Oxide, Pertama. Yogyakarta: UNY Press, 2019.
- [11] R. . Hummers, W.S. and Offeman, “*Preparation of Graphitic Oxide*,” J. Am. Chem. Soc., 1958.

- [12] R. N. Filla Mulyawati Khadifah, “Sintesis Graphene Berbasis Arang Tempurung Kelapa dengan Metode Hummers Termodifikasi,” 2017.
- [13] D. Natalia, “Studi Sintesis Grafena dari Arang Batok Kelapa,” Universitas Sumatera Utara, 2018.
- [14] K. Movlaee, M. R. Ganjali, P. Norouzi, and G. Neri, “*Iron-Based Nanomaterials/Graphene Composites for Advanced Electrochemical Sensors*” Nanomaterials, 2017.
- [15] D. G. R. W. D. Callister Jr, *Fundamentals of Materials Science and Engineering: an Integrated Approach*. 2000.
- [16] H. O. Pierson, *Handbook of Carbon, Graphite, Diamonds and Fullerenes* (1st ed.), 1st ed. Willian Andrew, 1994.
- [17] A. U. Sokolnikov, *Graphene for Defense and Security*. MRS Bulletin, 2018.
- [18] S. C. Ray, *Applications of Graphene and Graphene-Oxide Based Nanomaterials*. MRS Bulletin, 2016.
- [19] A. T. Smith, A. M. LaChance, S. Zeng, B. Liu, and L. Sun, “Synthesis, Properties, and Applications of Graphene Oxide/Reduced Graphene Oxide and Their Nanocomposites,” Nano Mater. Sci., 2019.
- [20] B. N. Kumila and C. Liu, “Analisa Pengaruh Reduksi Termal Terhadap Kerusakan Struktur (*Structural-Disorder*) Pada Lapisan Tipis *Graphene Oxide* Tereduksi,” Spektra J. Fis. dan Apl., 2017.
- [21] D. Purwanto, “Arang dari Limbah Tempurung Kelapa Sawit,” J. Penelit. Has. Hutan, 2011.
- [22] M. A. Lubis and S. Irawan, Cangkang Kelapa Sawit Berdaya Guna. Bengkulu: Literasiologi, 2020.
- [23] P. Avouris and C. Dimitrakopoulos, “*Graphene: Synthesis and Application*,” in Materials Today, USA: Elsevier Ltd, 2012.
- [24] W. D. P. R. Amalia Sholehah, Naufal E Vinanza, Nurul Huda, “Synthesis and characterization of graphene Oxide-g-Poly,” Penerapan Teknol. dan

Pembelajaran, 2020.

- [25] Z. A. Nasution and S. M. Rambe, “*Effect of Temperature For Palm Shell Pore Forming as Adsorbance*” J. Din. Penelit. Ind., 2011.
- [26] L. Agustina and N. P. Putri, “*Analisis Band-Gap Reduced Graphene Oxide (rGO) Berbahan Dasar Tempurung Kelapa (Cocos nucifera L)*” J. Inov. Fis. Indones., 2018.
- [27] E. H. Sujiono et al., “*Graphene oxide based coconut shell waste: synthesis by modified Hummers method and characterization*” Heliyon, 2020, [Online].
- [28] Z. A. N. H. F. Han Lyn a, T. Chin Peng a, M.Z. Ruzniza b, “*Effect of oxidation degrees of graphene oxide (GO) on the structure and physical properties of chitosan/GO composite films*” 2019.
- [29] E. Desiyani, “Sintesis dan karakterisasi fe₃o₄-tio₂/ karbon Aktif untuk Adsorpsi Ion Logam Cu(II) dan Cd(II) dalam Larutan,” Skripsi. FMIPA UII Yogyakarta, 2021.
- [30] H. Skoog, F .Douglas A. Nieman, *Principles of Intrumentals Analysis 7th edition*. 2016.
- [31] D. W. Ginting, W. Sunu, and B. Dwandaru, “*SINTESIS DAN KARAKTERISASI GRAPHENE BERBAHAN DASAR GRAFIT MENGGUNAKAN METODE AUDIOSONIKASI*,” 2017.
- [32] N. A. Putri, “Sintesis Reduced Graphene Oxide (rGO) dengan metode Hummer termodifikasi,” 2021.