

DAFTAR PUSTAKA

- Al-Ghouti, M. A., & Da'ana, D. A. (2020). Guidelines for the Use and Interpretation of Adsorption Isotherm Models: A Review. *Journal of Hazardous Materials*, 393(January), 122383. <https://doi.org/10.1016/j.jhazmat.2020.122383>
- Atmayudha, A. (2007). Pembuatan Karbon Aktif Berbahan Dasar Tempurung Kelapa Dengan Perlakuan Aktivasi Terkontrol Serta Uji Kinerjanya. *Fakultas Teknik Universitas Indonesia*, 28–66.
- Avraamides, J. (1989). CIP Carbons - Selection, Testing, and Plant Monitoring. *Proceeding Randol Internatioal Gold Conferences*. <https://doi.org/10.1093/owc/9780199536559.003.0037>
- Cevallos Toledo, R. B., Aragón-Tobar, C. F., Gámez, S., & de la Torre, E. (2020). Reactivation process of activated carbons: Effect on the mechanical and adsorptive properties. *Molecules*, 25(7). <https://doi.org/10.3390/molecules25071681>
- Chowdhury, S., Mishra, R., Saha, P., & Kushwaha, P. (2011). Adsorption Thermodynamics, Kinetics and Isosteric Heat of Adsorption of Malachite Green onto Chemically Modified Rice Husk. *Desalination*, 265(1–3), 159–168. <https://doi.org/10.1016/j.desal.2010.07.047>
- Elnathan, F. (2007). *The effect of activated carbon particle size on gold adsorption and elution* (Issue August). The University of Utah.
- Fleming, C. A., Mezei, A., Bourrcaudy, E., Canizares, M., & Ashbury, M. (2011). Factors Influencing the Rate of Gold Cyanide Leaching and Adsorption on Activated Carbon, and Their Impact on the Design of CIL and CIP Circuits. *Minerals Engineering*, 24(6), 484–494. <https://doi.org/10.1016/j.mineng.2011.03.021>
- Garcia, R., & Baez, A. P. (2012). Atomic absorption spectrometry - A review. In *Atomic Absorption Spectroscopy* (Vol. 1, Issue 2, p. 258).
- Jongpaiboonkit, P. (2003). Dynamic Modelling and Optimisation of Carbon Management Strategies in Gold Processing. *PhD Dissertation, April*, Murdoch University, Australia.
- Khosravi, R., Azizi, A., Ghaedrahmati, R., Gupta, V. K., & Agarwal, S. (2017). Adsorption of Gold from Cyanide Leaching Solution onto Activated Carbon

- Originating from Coconut Shell—Optimization, Kinetics and Equilibrium Studies. *Journal of Industrial and Engineering Chemistry*, 54, 464–471. <https://doi.org/10.1016/j.jiec.2017.06.036>
- Krishnaiah, K., & Shahabudeen, P. (2012). *Applied Experimental Design and Taguchi Method*.
- Ladou, J. S., Adinto, H., & Susanty, S. (2015). Usulan Kombinasi Terbaik Faktor Yang Berpengaruh Terhadap Cacat Produk Botol Plastik 600 Ml Menggunakan Metode Full Factorial 2K Di PT. X. *Jurnal Online Institut Teknologi Nasional*, 03(2), 317–126.
- Lan, X., Jiang, X., Song, Y., Jing, X., & Xing, X. (2019). The effect of activation temperature on structure and properties of blue coke-based activated carbon by CO₂ activation. *Green Processing and Synthesis*, 8(1), 837–845. <https://doi.org/10.1515/gps-2019-0054>
- Marsden, J., & House. (2009). *The Chemistry of Gold Extraction* (2th ed.). Society for Mining, Metallurgy, and Exploration, Inc.
- Martínez-Peñuñuri, R., Parga-Torres, J. R., Valenzuela-García, J. L., Díaz-Galaviz, H. J., González-Zamarripa, G., & García-Alegría, A. M. (2023). Thermodynamic and Kinetic Aspects of Gold Adsorption in Micrometric Activated Carbon and the Impact of Their Loss in Adsorption, Desorption, and Reactivation Plants. *Materials*, 16(14). <https://doi.org/10.3390/ma16144961>
- Montgomery, D. C. (2016). Design and Analysis of Experiments. In *Handbook of Reading Research*. <https://doi.org/10.2307/2983009>
- Nurchabibah, V. (2018). Penentuan Kapasitas Adsorpsi Karbon Aktif Tempurung Kelapa Terhadap Larutan Hipoklorit [Universitas Brawijaya]. In *Universitas Brawijaya*. http://repository.ub.ac.id/id/eprint/168739/1/VERA_NURCHABIBAH.pdf
- Pandya A, M. K. (2024). *Studi Pengaruh Konsentrasi Sianida dan Berat Karbon pada Proses Ekstraksi Emas dan Perak Menggunakan Metode Carbon in Leach dan Carbon in Pulp*. Universitas Pembangunan Nasional “Veteran” Yogyakarta.
- Parvaei, A., & Farhadi, S. (2013). The Ability of Explaining and Predicting of Economic Value Added (EVA) versus Net Income (NI), Residual Income (RI) & Free Cash Flow (FCF) in Tehran Stock Exchange (TSE). *International Journal of Economics and Finance*, 5(2), 67–77. <https://doi.org/10.5539/ijef.v5n2p67>
- Protection Agency United States Environmental (EPA). (1994). *Extraction and Beneficiation of Ores and Minerals Volume 2 (Gold)* (2th ed.). U.S.

Environmental Protection Agency (EPA).

- Romadhoni, A. F. (2019). Isotermis Adsorpsi dan Termodinamika Adsorpsi Malasit Hijau pada Batang Jagung (*Zea Mays L.*) Termodifikasi Asam Sitrat. In *Central Library of Maulana malik Ibrahim State Islamic University of Malang* (Vol. 8, Issue 5). Universitas Islam Negeri Maulana Malik Ibrahim Malang.
- Romero, H., Suarez, C., Salazar, N., Zambrano, C., & Lapo, B. (2024). Evaluation of gold adsorption on activated carbon from real cyanide and thiourea leachate solutions. *Heliyon*, 10(11), e31606. <https://doi.org/10.1016/j.heliyon.2024.e31606>
- Sayiner, B., & Acarkan, N. (2014). Effect of Silver, Nickel and Copper Cyanides on Gold Adsorption on Activated Carbon in Cyanide Leach Solutions. *Physicochemical Problems of Mineral Processing*, 50(1), 277–287. <https://doi.org/10.5277/ppmp140123>
- Sharma, A. K. (2012). Eva Versus Conventional Performance Measures – Empirical Evidence. *Proceedings for ASBBS*, 19(February), 804–815.
- Stavropoulos, G. G., Skodras, G. S., & Papadimitriou, K. G. (2015). Effect of Solution Chemistry on Cyanide Adsorption in Activated Carbon. *Applied Thermal Engineering*, 74, 182–185. <https://doi.org/10.1016/j.applthermaleng.2013.09.060>
- Subedi, M., & Farazmand, A. (2020). Economic Value Added (EVA) for Performance Evaluation of Public Organizations. *Public Organization Review*, 20(4), 613–630. <https://doi.org/10.1007/s11115-020-00493-2>
- Tauetsile, P. J., Oraby, E. A., & Eksteen, J. J. (2018). Adsorption Behaviour of Copper and Gold Glycinates in Alkaline Media onto Activated Carbon. Part 2: Kinetics. *Hydrometallurgy*, 178, 195–201. <https://doi.org/10.1016/j.hydromet.2018.04.016>
- Tauetsile, P. J., Oraby, E. A., & Eksteen, J. J. (2019). Activated Carbon Adsorption of Gold from Cyanide-Starved Glycine Solutions Containing Copper. Part 2: Kinetics. *Separation and Purification Technology*, 211, 290–297. <https://doi.org/10.1016/j.seppur.2018.09.022>
- Widhiarso, W. (2011). *Aplikasi Anava Campuran untuk Eksperimen Pretest dan Posttest Desain Eksperimen*. 1–6.