

## DAFTAR PUSTAKA

- Akin, M., Aktumsek, A., & Nostro, A. (2010). Antibacterial activity and composition of the essential oils of *Eucalyptus camaldulensis* Dehn. and *Myrtus communis* L. Growing in Northern Cyprus. *African Journal of Biotechnology*. 9(4), 531–535.  
<https://academicjournals.org/journal/AJB/article-abstract/693BCF032162>
- Aladallah, N., Hammami, I., Jomaa, A., & Kamoun, M. (2021). Gold Nanoparticles: Synthesis Properties and Applications. *Journal of King Saud University – Science*. 33(7), 101560-101570.
- Burrows, N., Harvey, S., Idesis, F., & Murphy, C. (2017). Understanding the Seed-Mediated Growth of Gold Nanorods through a Fractional Factorial Design of Experiments. *Langmuir*. 33(8), 1891-1907.
- Bezares, B., Jaña, Y., Cottet, L., & Castillo, A. (2018). Effect of pH and Leaf Extract Concentration of *Pittosporum Undulatum* on Gold Nanoparticles Synthesis. *Materials Express*. 8(5), 450–456.  
<https://doi.org/10.1166/mex.2018.1448>
- Chan, W. C. W. (2007). *Bio-Applications of Nanoparticles* (Vol. 620). Springer New York. <https://doi.org/10.1007/978-0-387-76713-0>
- Chan, J., Rasit Ali, R., Shameli, K., Salleh, M., Lee, K., Mohamed Isa, E. (2020). Green Synthesis of Gold Nanoparticles using Aqueous Extract of *Clitoria Ternatea* Flower. *IOP Conf. Ser. Mater. Sci. Eng.* 808(1), 010236.
- Coppen, J. J. W. (2002). *Eucalyptus: The Genus Eucalyptus (Medicinal and Aromatic Plants - Industrial Profiles* (1st ed.). Taylor & Francis.
- Cyr, M., & Tagnit-Hamou, A. (2001). Particle Size Distribution of Fine Powders by LASER Diffraction Spectrometry. Case of Cementitious Materials. *Materials and Structures*. 34(6), 342–350.  
<https://doi.org/10.1007/BF02486485>
- de Boer, G. B. J., de Weerd, C., Thoenes, D., & Goossens, H. W. J. (1987). Laser Diffraction Spectrometry: Fraunhofer Diffraction Versus Mie Scattering. *Particle & Particle Systems Characterization*. 4(1–4), 14–19.  
<https://doi.org/10.1002/ppsc.19870040104>
- Egerton, R. F. (2005). *Physical Principles of Electron Microscopy*. Springer.
- Faqihuddin, F., & Ubaydillah, M. I. (2021). Perbandingan Metode Destruksi Kering dan Destruksi Basah Instrumen Spektrofotometri Serapan Atom (SSA) untuk Analisis Logam. *SNHRP*. 121–127.
- Gerasimov, A. M., Eremina, O. V., Cherkasova, M. V., & Dmitriev, S. V. (2021). Application of Particle-Size Analysis in Various Industries. *Journal of Physics: Conference Series*, 1728(1), 012003.
- González-Morales, D., Valencia, A., Díaz-Núñez, A., Fuentes-Estrada, M., López-Santos, O., & García-Beltrán, O. (2020). Development of a Low-Cost UV-Vis Spectrophotometer and Its Application for the Detection of Mercuric Ions Assisted by Chemosensors. *Sensors*, 20(3), 906.  
<https://doi.org/10.3390/s20030906>

- Grzelczak., M., Liz-Marzán, L., Mulavaney, P., Pérez-Juste, J. (2008). Shape Control in Gold Nanoparticle Synthesis. *Chemical Society Reviews*. 13(9), 1783-1791.
- Habibi, Y. (2020). Validasi Metoda Destruksi Basah dan Destruksi Kering pada Penentuan Logam Timbal (Pb) dan Kadmium (Cd) dalam Tanaman Rumpuk. *Integrated Lab Journal*. 1(1), 25–31.
- Hedkvist, O. (2013). *Synthesis and Characterization of Gold Nanoparticles*.
- Huang C., Chiu P., Wang Y., Chen K., Linn, J., & Yang, C. (2006). Electrochemically Controlling the Size of Gold Nanoparticles. *Journal of the Electrochemical Society*. 153(12), D193-D198.
- Kartikaningtyas, D., Nirsatmanto, A., Sunarti, S., Setyaji, T., Handayani, B. R., & Surip. (2020). Trends of Genetic Parameters and Stand Volume Productivity of Selected Clones of Eucalyptus Pellita Observed in Clonal Trials in Wonogiri, Central Java. *IOP Conference Series: Earth and Environmental Science*, 522(1), 012005. <https://doi.org/10.1088/1755-1315/522/1/012005>
- Khan, M. (2012). *The Transmission Electron Microscope*. INTECH Open Access Publisher.
- Khoirudin, H. (2018). *Identifikasi Keberadaan Partikel Emas pada Daun Eucalyptus Dengan XRF (X-Ray Fluorescence) dan AAS (Atomic Absorbtion Spectroscopy) Sebagai Indikator Potensi Tambang Emas di Indonesia*. Universitas Gadjah Mada.
- Knowles, A., & Burgess, C. (1984). *Practical Absorption Spectrometry* (Vol. 3). Chapman and Hall.
- Kusumaningtyas, D. A., Khoirudin, H., Tami, M., Sari, M. U., Nirsatmanto, A., Nugraheni, A. D., & Nugroho, F. (2022). Eucalyptus Leaves as Potential Indicators of Gold Mine in Indonesia. *Jurnal Penelitian Pendidikan IPA*. 8(1), 45–50.
- Leksono, B., Kurinobu, S., & Ide, Y. (2008). Realized Genetic Gains Observed in Second Generation Seedling Seed Orchards of Eucalyptus pellita in Indonesia. *Journal of Forest Research*. 13(2), 110–116.
- Lintern, M., Anand, R., Ryan, C., & Paterson, D. (2013). Natural Gold Particles in Eucalyptus Leaves and Their Relevance to Exploration for Buried Gold Deposits. *Nature Communications*. 4(1), 2614. <https://doi.org/10.1038/ncomms3614>
- Liu, Y., Wan, B., dan Xue, D. (2019). Sample Digestion and Combined Preconcentration Method for the Determinatio of Ultra-Low Gold Levels in Rocks. *Molecules*. 24(9).
- Murthy SK. (2007). Nanoparticles in Modern Medicine: State of the Art and Future Challenges. *Int J Nanomedicine*. 2(2),129-41.
- Muzibur Rahman, M., & Mohamed Asiri, A. (2019). Introductory Chapter: Basic Concept of Gold Nanoparticles. Dalam *Gold Nanoparticles - Reaching New Heights*. IntechOpen.
- Nai-Ning, W., Hong-Jian, Z., & Xian-Huang, Y. (1992). A Versatile Fraunhofer Diffraction and Mie Scattering Based Laser Particle Sizer. *Advanced Powder Technology*, 3(1), 7–14. [https://doi.org/10.1016/S0921-8831\(08\)60683-4](https://doi.org/10.1016/S0921-8831(08)60683-4)

- Sari, M. U. (2018). *Analisis Kandungan Partikel Emas dalam Daun Eucalyptus pellita, Angsana, Jati, dan Waru di Indonesia Menggunakan Atomic Absorption Spectroscopy (AAS) dan Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)*. Universitas Gadjah Mada.
- Sastrohamidjojo, H. (2013). *Dasar-Dasar Spektroskopi*. Gadjah Mada University Press.
- Schoenberger, E. (2011). Why is Gold Valuable? Nature, Social Power and the Value of Things. *Cultural Geographies*. 18(1), 3–24.
- Sheoran, V., Sheoran, A. S., & Poonia, P. (2009). Phytomining: A review. *Minerals Engineering*. 22(12), 1007–1019.  
<https://doi.org/10.1016/j.mineng.2009.04.001>
- Syvitski, J. P. M. (2007). *Principles, Methods, and Application of Particle Size Analysis*. Cambridge University Press.
- Tami, M. (2018). *Pengukuran Konsentrasi Partikel Emas pada Daun Eucalyptus, Acacia dan Mahagoni sebagai Indikator Sumber Mineral Emas di Indonesia dengan Analisis Atomic Absorption Spectroscopy (AAS) dan Inductively Coupled Plasma – Atomic Emission Spectroscopy (ICP-AES)*. Universitas Gadjah Mada.
- Tripathi, R. M., Shrivastav, A., & Shrivastav, B. R. (2015). Biogenic Gold Nanoparticles: As a Potential Candidate for Brain Tumor Directed Drug Delivery. *Artificial Cells, Nanomedicine, and Biotechnology*. 43(5), 311–317.
- Verma, G., & Mishra, M. (2018). Development and Optimization of UV-Vis Spectroscopy - A Review. *World Journal of Pharmaceutical Research*. 7(11), 1170–1180.
- Winey, M., Meehl, J., O'Toole, E., & Giddings, T. (2014). *Conventional Transmission Electron Microscopy*. *Molecular Biology of the Cell*. 25(3), 319–323.
- Workman Jr, J. (2000). *The Handbook of Organic Compounds, Three-Volume Set, Volume 1-3: NIR, IR, R, and UV-Vis Spectra Featuring Polymers and Surfactants* (1st ed.). Academic Press.
- Xie, Q., Li, Z., Yang, L., Lv, J., Jobe, T. O., & Wang, Q. (2015). A Newly Identified Passive Hyperaccumulator *Eucalyptus grandis* × *E. urophylla* under Manganese Stress. *PLOS ONE*. 10(9), e0136606.
- Zhai, G., Walters, K. S., Peate, D. W., Alvarez, P. J. J., & Schnoor, J. L. (2014). Transport of Gold Nanoparticles through Plasmodesmata and Precipitation of Gold Ions in Woody Poplar. *Environmental Science & Technology Letters*. 1(2), 146–151.
- Zulnely, Gusmailina, & Kusmiati, E. (2015). Prospek Eucaliptus citriodora sebagai minyak atsiri potensial. 120–126.