



DAFTAR PUSTAKA

- Baker, S. N., & G. A., Baker. 2010. Luminescent carbon nanodots: emergent nanolights. *ACS Nano* 4(8): 4317–4327.
- Chaudhary, H.S., Soni, B., Shrivastava, A.R., & S. Shrivastava. 2013, Diversity and Versatility of Actinomycetes and its Role in Antibiotic Production. *Journal of Applied Pharmaceutical Science* 3: S83-S94
- Chen, z., zhao, c., zhou, x., xiao, l., li, z., & y. zhang. 2023. A review of top-down strategies for the production of quantum-sized materials. *Small Science* 3(12): 1-19.
- Cui, L., Ren, X., Sun, M., Liu, H., & L. Xia. 2021. Carbon Dots: Synthesis, Properties and Applications. *Nanomaterials* 11(12): 1-38.
- Dong, Y., Pang, H., Yang, H., Guo, C., Shao, J., Chi, Y., Li, C., & T. Yu. 2012. Carbon-based dots co-doped with nitrogen and sulfur for high quantum yield and excitation-independent emission. *Nanoscale Research Letters* 7: 1–7.
- Hopwood D. A. 2019. Highlights of *Streptomyces* genetics. *Heredity* 123: 23–32.
- Lee N., Hwang S., Kim J., Cho S., Palsson B., & B.K. Cho. 2020. Mini review: Genome mining approaches for the identification of secondary metabolite biosynthetic gene clusters in *Streptomyces*. *Comput. Struct. Biotechnol. J.* 18:1548–1556.
- Liu, J., Li, R., & B. Yang. 2020. Carbon Dots: A New Type of Carbon-Based Nanomaterial with Wide Applications. *ACS Central Science* 6(12): 2179-2195.
- Lou, X.T, Zhan, L., & B.B. Chen. 2025. Recent Progress of Carbon Dots in Fluorescence Sensing. *Inorganic* 13: 1-13.
- Mentari, D., Naima, M., Wulandar, R., Widada, J., Nuringtyas, T.R., Wibawa, T., & N. Wijayanti. 2018. Pengaruh Perbedaan Metode Ekstraksi Metabolit Sekunder *Streptomyces* sp. GMR22 terhadap Toksisitas pada Sel BHK-2. *Pharmakon: Jurnal Farmasi Indonesia* 16(1): 1-10.
- Nirwati, H., Damayanti, E., Sholikhah, E.N., Mustofa, M., & J. Widada. 2022. Soil-derived *Streptomyces* sp. GMR22 producing antibiofilm activity against *Candida albicans*: bioassay, untargeted LC-HRMS, and gene cluster analysis. *Heliyon* 8: 1-8.
- Ross, S., Wu, R.S., Wei, S.C., Ross, G.M., & H.T. Chang. 2020. The analytical and biomedical applications of carbon dots and their future theranostic potential: A review. *Journal of Food and Drug Analysis* 28(4): 677-695.
- Sahu, V., & S.K. Sahoo. 2024. Biogenic synthesis of carbon dots with inbuilt biological activity. *Next Nanotechnology* 5: 1-20.
- Shabbir, H., csapo, E., m. wojnicki. 2023. Carbon Quantum Dots: The Role of Surface Functional Groups and Proposed Mechanisms for Metal Ion Sensing. *Inorganics* 11(6): 1-20.



- Shen, J., Zhu, Y., Yang, X., & C. Li. 2012. Graphene quantum dots: emergent nanolights for bioimaging, sensors, catalysis and photovoltaic devices. *Journal of Physical Chemistry C* 116(14): 7360–7366.
- Smith, B.C. 2011. *Fundamentals of Fourier Transform Infrared Spectroscopy*, 2nd ed. CRC Press, Florida.
- Ullah, M., Awan, U.A., Ali, H., Wahab, A., Khan, S.H., Naeem, M., Ruslin, M., Mustopa, A.Z., & N. Hasan. 2025. Carbon dots: new rising stars in the carbon family for diagnosis and biomedical applications. *Journal of Nanotheranostics* 6(1): 1-20.
- Wang, Z., Changotra, R., Dasog, M. Selopal, G.S., Yang, J., & Q.Y. Shopie. 2025. Carbon quantum dots: Synthesis via hydrothermal processing, doping strategies, integration with photocatalysts, and their application in photocatalytic hydrogen production. *Sustainable Materials and Technologies* 44: 1-28.
- Ward A. C., & N. E. E. Allenby. 2018. Genome mining for the search and discovery of bioactive compounds: The *Streptomyces* paradigm. *FEMS Microbiology Letters* 365: 1-18.
- Yudhanto, M.R.P. & W.S.B. Dwandaru. 2024. Sintesis dan karakterisasi carbon nanodots berbahan dasar limbah biji nangka (*artocarpus heterophyllus*) sebagai fotokatalis zat warna congo red. *Jurnal Ilmu Fisika dan Terapannya* 11 (1): 9-20.
- Zhu, S., Meng, Q., Wang, L., Zhang, J., Song, Y., Jin, H., Zhang, K., Sun, H., Wang, H., & B. Yang. 2013. Highly Photoluminescent Carbon Dots for Multicolor Patterning, Sensors, and Bioimaging. *Angewandte Chemie International Edition* 52(14): 3953–3957.