

DAFTAR PUSTAKA

1. Fall, A.; Ngom, I.; Bakayoko, M.; Sylla, N. F.; Elsayed Ahmed Mohamed, H.; Jadvi, K.; Kaviyarasu, K.; Ngom, B. D. *Biosynthesis of TiO₂ nanoparticles by Using Natural Extract of Citrus Sinensis*. In *Materials Today: Proceedings*; Elsevier Ltd, 2019; Vol. 36, pp 349–356. <https://doi.org/10.1016/j.matpr.2020.04.131>.
2. Wagutu, A. W.; Yano, K.; Sato, K.; Park, E.; Iso, Y.; Isobe, T. *Musa AAA and Jatropha Curcas L. Sap Mediated TiO₂ Nanoparticles: Synthesis and Characterization*. *Sci Afr* 2019, 6. <https://doi.org/10.1016/j.sciaf.2019.e00203>.
3. Gamedze, N. P.; Mthiyane, D. M. N.; Babalola, O. O.; Singh, M.; Onwudiwe, D. C. *Physico-Chemical Characteristics and Cytotoxicity Evaluation of CuO and TiO₂ Nanoparticles Biosynthesized Using Extracts of Mucuna Pruriens Utilis Seeds*. *Heliyon* 2022, 8 (8). <https://doi.org/10.1016/j.heliyon.2022.e10187>.
4. Rajendhiran, R.; Deivasigamani, V.; Palanisamy, J.; Masan, S.; Pitchaiya, S. *Terminalia Catappa and Carissa Carandas Assisted Synthesis of TiO₂ Nanoparticles - A Green Synthesis Approach*. In *Materials Today: Proceedings*; Elsevier Ltd, 2021; Vol. 45, pp 2232–2238. <https://doi.org/10.1016/j.matpr.2020.10.223>.
5. Saputri, Y. L.; Nawangsari, D.; Samodra, G. *Formulasi Dan Evaluasi Tablet Hisap Ekstrak Kulit Pisang Raja (Musa x paradisiaca L.) Menggunakan Polivinil Piroolidon (PVP)*. *Jurnal Mandala Pharmacon Indonesia* 2022, 8 (2), 262–274. <https://doi.org/10.35311/jmp.1.v8i2.249>.
6. Korde, S. A.; Thombre, P. B.; Dipake, S. S.; Sangshetti, J. N.; Rajbhoj, A. S.; Gaikwad, S. T. *Neem Gum (Azadirachta Indicia) Facilitated Green Synthesis of TiO₂ and ZrO₂ Nanoparticles as Antimicrobial Agents*. *Inorg Chem Commun* 2023, 153. <https://doi.org/10.1016/j.inoche.2023.110777>.
7. Qamar, S. U. R.; Ahmad, J. N. *Nanoparticles: Mechanism of Biosynthesis Using Plant Extracts, Bacteria, Fungi, and Their Applications*. *J Mol Liq* 2021, 334. <https://doi.org/10.1016/j.molliq.2021.116040>.
8. Pushpamalini, T.; Keerthana, M.; Sangavi, R.; Nagaraj, A.; Kamaraj, P. *Comparative Analysis of Green Synthesis of TiO₂ Nanoparticles Using Four Different Leaf Extract*. In *Materials Today: Proceedings*; Elsevier Ltd, 2020; Vol. 40, pp S180–S184. <https://doi.org/10.1016/j.matpr.2020.08.438>.
9. Mbonyiryivuze, A.; Zongo, S.; Diallo, A.; Bertrand, S.; Minani, E.; Lal Yadav, L.; Mwakikunga, B.; Dhlamini, S. M.; Maaza, M.; Yadav, L. L. Nanosciences African Network (NANOAFNET), IThemba LABS-National Research Foundation, 1 Old Faure Road. *Physics and Materials Chemistry* 2015, 3 (1), 12–17. <https://doi.org/10.12691/pmc-3-1-3>.
10. Javed, R.; Zia, M.; Naz, S.; Aisida, S. O.; Ain, N. ul; Ao, Q. *Role of Capping Agents in the Application of Nanoparticles in Biomedicine and Environmental Remediation: Recent Trends and Future Prospects*. *Journal of Nanobiotechnology*. BioMed Central Ltd December 1, 2020. <https://doi.org/10.1186/s12951-020-00704-4>.
11. Ashraf, M. A.; Peng, W.; Zare, Y.; Rhee, K. Y. *Effects of Size and Aggregation/Agglomeration of Nanoparticles on the Interfacial/Interphase Properties and Tensile Strength of Polymer Nanocomposites*. *Nanoscale Res Lett* 2018, 13. <https://doi.org/10.1186/s11671-018-2624-0>.

12. Hasan, S. *A Review on Nanoparticles: Their Synthesis and Types*; 2015; Vol. 4. www.isca.me.
13. Nakata, K.; Fujishima, A. *TiO₂ Photocatalysis: Design and Applications*. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*. September 2012, pp 169–189. <https://doi.org/10.1016/j.jphotochemrev.2012.06.001>.
14. Nabi, G.; Majid, A.; Riaz, A.; Alharbi, T.; Arshad Kamran, M.; Al-Habardi, M. *Green Synthesis of Spherical TiO₂ Nanoparticles Using Citrus Limetta Extract: Excellent Photocatalytic Water Decontamination Agent for RhB Dye*. *Inorg Chem Commun* 2021, 129. <https://doi.org/10.1016/j.inoche.2021.108618>.
15. Pakseresht, S.; Cetinkaya, T.; Al-Ogaili, A. W. M.; Halebi, M.; Akbulut, H. *Biologically Synthesized TiO₂ Nanoparticles and Their Application as Lithium-Air Battery Cathodes*. *Ceram Int* 2021, 47 (3), 3994–4005. <https://doi.org/10.1016/j.ceramint.2020.09.264>.
16. Syarifah, A.; Budiman, A.; Nazilah, S. A. *Formulation and Antioxidant Activity of Serum Gel of Ethyl Acetate Fraction From Musa x paradisiaca L*; 2021.
17. Chaki Borrás, M.; Sluyter, R.; Barker, P. J.; Konstantinov, K.; Bakand, S. *Y₂O₃ Decorated TiO₂ Nanoparticles: Enhanced UV Attenuation and Suppressed Photocatalytic Activity with Promise for Cosmetic and Sunscreen Applications*. *J Photochem Photobiol B* 2020, 207. <https://doi.org/10.1016/j.jphotobiol.2020.111883>.
18. Sutrisno, S.; Wijaya, H. W.; Sukarianingsih, D.; Santiaji, M. N. D. *Synthesis and Characterization of Metal Soap (Zn-, Al-, and Mg-Soap) from Sunflower Oil and Its Potential as Sunscreen*. In *AIP Conference Proceedings*; American Institute of Physics Inc., 2021; Vol. 2349. <https://doi.org/10.1063/5.0051616>.
19. Barroso, W. A.; Abreu, I. C.; Ribeiro, L. S.; da Rocha, C. Q.; de Souza, H. P.; de Lima, T. M. *Chemical Composition and Cytotoxic Screening of Musa Cavendish Green Peels Extract: Antiproliferative Activity by Activation of Different Cellular Death Types*. *Toxicology in Vitro* 2019, 59, 179–186. <https://doi.org/10.1016/j.tiv.2019.04.020>.
20. Itam, A.; Wati, M. S.; Agustin, V.; Sabri, N.; Jumanah, R. A.; Efdi, M. *Comparative Study of Phytochemical, Antioxidant, and Cytotoxic Activities and Phenolic Content of Syzygium Aqueum (Burm. f. Alston f.) Extracts Growing in West Sumatera Indonesia*. *Scientific World Journal* 2021, 2021. <https://doi.org/10.1155/2021/5537597>.
21. Naresh Kumar Reddy, P.; Shaik, D. P.; Ganesh, V.; Nagamalleswari, D.; Thyagarajan, K.; Vishnu Prasanth, P. *Structural, Optical and Electrochemical Properties of TiO₂ Nanoparticles Synthesized Using Medicinal Plant Leaf Extract*. *Ceram Int* 2019, 45 (13), 16251–16260. <https://doi.org/10.1016/j.ceramint.2019.05.147>.
22. Chen, J.; Yang, J.; Ma, L.; Li, J.; Shahzad, N.; Kim, C. K. *Structure-Antioxidant Activity Relationship of Methoxy, Phenolic Hydroxyl, and Carboxylic Acid Groups of Phenolic Acids*. *Sci Rep* 2020, 10 (1). <https://doi.org/10.1038/s41598-020-59451-z>.
23. Chinnathambi, A.; Vasantharaj, S.; Saravanan, M.; Sathiyavimal, S.; Duc, P. A.; Nasif, O.; Alharbi, S. A.; Chi, N. T. L.; Brindhadevi, K. *Biosynthesis of TiO₂ Nanoparticles by Acalypha Indica; Photocatalytic Degradation of Methylene Blue*. *Applied Nanoscience (Switzerland)* 2023, 13 (1), 383–390. <https://doi.org/10.1007/s13204-021-01761-3>.

24. Vargas, M. A.; Rodríguez-Páez, J. E. *Amorphous TiO₂ Nanoparticles: Synthesis and Antibacterial Capacity*. *Journal of Non-Crystalline Solids*. Elsevier B.V. March 1, 2017, pp 192–205. <https://doi.org/10.1016/j.jnoncrsol.2017.01.018>.
25. Maurya, I. C.; Singh, S.; Senapati, S.; Srivastava, P.; Bahadur, L. *Green Synthesis of TiO₂ Nanoparticles Using Bixa Orellana Seed Extract and Its Application for Solar Cells*. *Solar Energy* 2019, 194, 952–958. <https://doi.org/10.1016/j.solener.2019.10.090>.
26. Isnaeni, I. N.; Indriyati; Dedi; Sumiarsa, D.; Primadona, I. *Green Synthesis of Different TiO₂ Nanoparticle Phases Using Mango-Peel Extract*. *Mater Lett* 2021, 294. <https://doi.org/10.1016/j.matlet.2021.129792>.
27. J. Larkin, P. *Infrared and Raman Spectroscopy Principles and Spectral Interpretation by Peter Larkin*.
28. Khairunnisa, S.; Wonoputri, V.; Samadhi, T. W. *Effective Deagglomeration in Biosynthesized Nanoparticles: A Mini Review*. *IOP Conf Ser Mater Sci Eng* 2021, 1143 (1), 012006. <https://doi.org/10.1088/1757-899x/1143/1/012006>.
29. Kumar, S. *Organic Chemistry: Spectroscopy of Organic Compounds*; 2006.

