DAFTAR PUSTAKA

Alayande, S. O., Akinsiku, A. A., Akinsipo (Oyelaja), O. B., Ogunjinmi, E. O., & Dare, E. O. (2021). Green synthesized silver nanoparticles and their therapeutic applications. *Comprehensive Analytical Chemistry*, *94*, 585–611. https://doi.org/10.1016/bs.coac.2021.01.009

Alfiah, R. R., Khotimah, S., & Turnip, M. (2015). Efektivitas Ekstrak Metanol Daun Sembung Rambat (Mikania micrantha Kunth) Terhadap Pertumbuhan Jamur Candida albicans. *Journal Protobiont*, *4*(1), 52–57.

Alsammarraie, F. K., Wang, W., Zhou, P., Mustapha, A., & Lin, M. (2018). Green synthesis of silver nanoparticles using turmeric extracts and investigation of their antibacterial activities. *Colloids and Surfaces B: Biointerfaces*, *171*, 398–405. https://doi.org/10.1016/j.colsurfb.2018.07.059

Asghar, M. A., Zahir, E., Shahid, S. M., Khan, M. N., Asghar, M. A., Iqbal, J., & Walker, G. (2018). Iron, copper and silver nanoparticles: Green synthesis using green and black tea leaves extracts and evaluation of antibacterial, antifungal and aflatoxin B1 adsorption activity. *LWT - Food Science and Technology*, *90*, 98–107. https://doi.org/10.1016/j.lwt.2017.12.009

Benabderrahim, M. A., Elfalleh, W., Sarikurkcu, C., & Sarikurkcu, R. B. (2019). Biological activities and phytochemical composition of organs from Loranthus europaeus. *Industrial Crops and Products*, *141*, 111772.

Classen, A. T., Boyle, S. I., Haskins, K. E., Overby, S. T., & Hart, S. C. (2003). Community-level physiological profiles of bacteria and fungi: Plate type and incubation temperature influences on contrasting soils. *FEMS Microbiology Ecology*, *44*(3), 319–328. https://doi.org/10.1016/S0168-6496(03)00068-0

Das, B., & Patra, S. (2017). Antimicrobials: Meeting the Challenges of Antibiotic Resistance Through Nanotechnology. In *Nanostructures for Antimicrobial Therapy: Nanostructures in Therapeutic Medicine Series*. Elsevier Inc.

Dwistika, R. (2018). Karakteristik Nanopartikel Perak Hasil Produksi Dengan Teknik Elektrolisis Berdasarkan Uji Spektrofotometer UV-VIS Dan Particle Size Analyzer (PSA). In *Universitas Negeri Yogyakarta*. Universitas Negeri Yogyakarta.

Evans, W. C. (2009). *Pharmacognosy* (F. Graham, Pauline; Urquhart, Janice; Conn (ed.); 16 ed.). Elsevier.

Garibo, D., Borbón-Nuñez, H. A., de León, J. N. D., García Mendoza, E., Estrada, I., Toledano-Magaña, Y., Tiznado, H., Ovalle-Marroquin, M., Soto-Ramos, A. G., Blanco, A., Rodríguez, J. A., Romo, O. A., Chávez-Almazán, L. A., & Susarrey-Arce, A. (2020). Green synthesis of silver nanoparticles using Lysiloma acapulcensis exhibit high-antimicrobial activity. *Scientific Reports*, *10*(1), 1–11. https://doi.org/10.1038/s41598-020-69606-7

Gomathi, M., Prakasam, A., Rajkumar, P. V., Rajeshkumar, S., Chandrasekaran, R., & Anbarasan, P. M. (2020). Green synthesis of silver nanoparticles using Gymnema sylvestre leaf extract and evaluation of its antibacterial activity. *South African Journal of Chemical Engineering*, *32*, 1–4.

Jannah, R., & Amaria, A. (2020). Artikel Review : Sintesis Nanopartikel Perak Menggunakan Pereduksi Asam Amino Sebagai Deteksi Ion Logam Berat Article Review : Synthesis of Silver Nanoparticles Using Amino Acid

Reducers as Detection of Heavy Metal Ions. *Prosiding Seminar Nasional Kimia (SNK). Universitas Negeri Surabaya*, *3750*, 185–202.

Jebril, S., Khanfir Ben Jenana, R., & Dridi, C. (2020). Green synthesis of silver nanoparticles using Melia azedarach leaf extract and their antifungal activities: In vitro and in vivo. *Materials Chemistry and Physics*, *248*. https://doi.org/10.1016/j.matchemphys.2020.122898

Kasim, S., Taba, P., Ruslan, & Romianto. (2020). Sintesis Nanopartikel Perak Menggunakan Ekstrak Daun Eceng Gondok (Eichornia crassipes) Sebagai Bioreduktor. *Jurnal Riset Kimia*, *6*(2), 126–133.

Le, N. T. T., Trinh, B. T. D., Nguyen, D. H., Tran, L. D., Luu, C. H., & Hoang Thi, T. T. (2021). The Physicochemical and Antifungal Properties of Eco-friendly Silver Nanoparticles Synthesized by Psidium guajava Leaf Extract in the Comparison With Tamarindus indica. *Journal of Cluster Science*, *32*, 601–611. https://doi.org/10.1007/s10876-020-01823-6

Li, J., Li, M., Shen, F., Zou, Z., Yao, M., & Wu, C. Y. (2013). Characterization of biological aerosol exposure risks from automobile air conditioning system. *Environmental Science and Technology*, *47*(18), 10660–10666.

Loveland, P. J., & Whalley, W. R. (2000). Particle Size Analysis. In *Soil and Environmentarl Analysis: Physical Methods, Revised, and Expanded* (hal. 281–311).

Ludwiczuk, A., Skalicka-Woźniak, K., & Georgiev, M. I. (2017). Terpenoids. In *Pharmacognosy: Fundamentals, Applications and Strategy*.

Medici, S., Peana, M., Nurchi, V. M., & Zoroddu, M. A. (2019). Medical Uses of Silver: History, Myths, and Scientific Evidence [Review-article]. *Journal of Medicinal Chemistry*, *62*(13), 5923–5943.

Melkamu, W. W., & Bitew, L. T. (2021). Green synthesis of silver nanoparticles using Hagenia abyssinica (Bruce) J.F. Gmel plant leaf extract and their antibacterial and anti-oxidant activities. *Heliyon*, *7*(11), e08459.

Motas, J. G., Quadrini, F., & Nedelcu, D. (2020). Silver nano-coating of liquid wood for nanocomposite manufacturing. *Procedia Manufacturing*, *47*, 974–979. https://doi.org/10.1016/j.promfg.2020.04.299

Narayanan, M., Divya, S., Natarajan, D., Senthil-Nathan, S., Kandasamy, S., Chinnathambi, A., Alahmadi, T. A., & Pugazhendhi, A. (2021). Green synthesis of silver nanoparticles from aqueous extract of Ctenolepis garcini L. and assess their possible biological applications. *Process Biochemistry*, *107*, 91–99. https://doi.org/10.1016/j.procbio.2021.05.008

Noah, N. (2019). Green synthesis: Characterization and application of silver and gold nanoparticles. In *Green Synthesis, Characterization and Applications of Nanoparticles*. Elsevier Inc. https://doi.org/10.1016/b978-0-08-102579-6.00006-x

Nugroho, B. H., Suparmi, S., & Syifaudin, M. R. (2018). Preparation and characterization of gold nanoparticles Lamtoro extract (Leucaena leucocephala (Lam.) de Wit) with eco-friendly biosynthesis process. *AIP Conference Proceedings*, *2026*(1), 020076-1-020076–020077.

Nworie, F., Nwabue, F., & Oti, J. (2015). Comparison of Analytical Techniques in the Characterization of Complex Compounds. *American Chemical Science Journal*, *9*(2), 1–19. https://doi.org/10.9734/acsj/2015/20257

Oktavia, I. N., & Sutoyo, S. (2021). Review Artikel: Sintesis Nanopartikel Perak

Menggunakan Bioreduktor Ekstrak Tumbuhan Sebagai Bahan Antioksidan. *Journal of Chemistry*, *10*(1), 37–54.

Othman, L., Sleiman, A., & Abdel-Massih, R. M. (2019). Antimicrobial activity of polyphenols and alkaloids in middle eastern plants. *Frontiers in Microbiology*, *10*, 1–28. https://doi.org/10.3389/fmicb.2019.00911

PT Smart-Lab Indonesia. (2019). *Silver-nitrate : Material Safety Data Sheet*.

Pujayanti, V. I. (2016). Identifikasi Jamur Aspergillus niger pada kemiri (Studi di Pasar Kanor Bojonegoro). In *Sekolah Tinggi Ilmu Kesehatan Insan Cendekia Medika*. Sekolah Tinggi Ilmu Kesehatan Insan Cendekia Medika.

Purnamasari, G. A. P. P., Lestari, G. A. D., Cahyadi, K. D., Esati, N. K., & Suprihatin, I. E. (2021). Biosintesis nanopartikel perak menggunakan ekstrak air daun cemmem (Spondias pinnata (L . f) Kurz .) dan aktivitasnya sebagai antibakteri. *Indonesia E-Journal of Applied Chemistry*, *8*(2), 75–80.

Qing, Y., Cheng, L., Li, R., Liu, G., Zhang, Y., Tang, X., Wang, J., Liu, H., & Qin, Y. (2018). Potential antibacterial mechanism of silver nanoparticles and the optimization of orthopedic implants by advanced modification technologies. *International Journal of Nanomedicine*, *13*, 3311–3327.

Rahman, M. M., Chowdhury, M. A. U., Uddin, M. E., Islam, A. M. T., & Hossain, M. A. (2012). Macrosolen cochinchinensis (Lour.): Anti-nociceptive and antioxidant activity. *Asian Pacific Journal of Tropical Biomedicine*, *2*, S203–S207. https://doi.org/10.1016/S2221-1691(12)60160-9

Rahmawati, S. I., Ishimaru, K., Hou, D. X., & Hayashi, N. (2014). Antioxidant activity and phenolic content of mistletoe extracts following high-temperature batch extraction. *Food Science and Technology Research*, *20*(2), 201–206. https://doi.org/10.3136/fstr.20.201

Redha, A. (2010). Flavonoid: Struktur, Sifat Antioksidatif dan Peranannya Dalam Sistem Biologis. *Jurnal Berlin*, *9*(2), 196–202. https://doi.org/10.1186/2110-5820-1-7

Sari, A. F. (2020). *Isolasi dan karakterisasi komponen utama dari ekstrak daun benalu (Macrosolen cochinchinensis (Lour .) Van Tiegh) dengan inang pohon mangga (Mangifera indica L .)*. Universitas Hasanuddin Makassar.

Senduk, T. W., Montolalu, L. A. D. Y., & Dotulong, V. (2020). The rendement of boiled water extract of mature leaves of mangrove Sonneratia alba. *Jurnal Perikanan Dan Kelautan Tropis*, *11*(1), 9.

Shaik, M. R., Khan, M., Kuniyil, M., Al-Warthan, A., Alkhathlan, H. Z., Siddiqui, M. R. H., Shaik, J. P., Ahamed, A., Mahmood, A., Khan, M., & Adil, S. F. (2018). Plant-Extract-Assisted green synthesis of silver nanoparticles using Origanum vulgare L. Extract and their microbicidal activities. *Sustainability (Switzerland)*, *10*, 1–14. https://doi.org/10.3390/su10040913

Srikhao, N., Kasemsiri, P., Lorwanishpaisarn, N., & Okhawilai, M. (2021). Green synthesis of silver nanoparticles using sugarcane leaves extract for colorimetric detection of ammonia and hydrogen peroxide. *Research on Chemical Intermediates*, *47*, 1269–1283. https://doi.org/10.1007/s11164-020-04354-x

Taba, P., Parmitha, N. Y., & Kasim, S. (2019). Sintesis Nanopartikel Perak Menggunakan Ekstrak Daun Salam (Syzygium polyanthum) sebagai Bioreduktor dan Uji Aktivitasnya sebagai Antioksidan. *J. Chem. Res*, *7*(1), 51–60.

Uji, T., & Sunaryo. (2008). Keragaman dan Penyebaran Benalu pada Tanaman Koleksi di Kebun Raya Cibodas , Jawa Barat Diversity and Distribution of Mistletoe on Plant Collections in Cibodas Botanical Pendahuluan Metode Penelitian Hasil dan Pembahasan. *Biota*, *13*(3), 132–140.

Utomo, H. (2018). Analisis Pengaruh Variasi Waktu Deposisi pada Lapisan Tipis Kitosan/ AgNPs di Permukaan SS 316L terhadap Morfologi, Sifat Mekanik, dan Antimikrobial dengan Metode Electrophoretic Deposition. In *Departemen Teknik Material, Fakultas Teknologi Industri, ITS: Surabya*. Institus Teknologi Sepuluh Nopember.

Vishwanath, R., & Negi, B. (2021). Conventional and green methods of synthesis of silver nanoparticles and their antimicrobial properties. *Current Research in Green and Sustainable Chemistry*, *4*, 100205.

Wahdania, I., Asrul, & Rosmini. (2016). Uji Daya Hambat Aspergillus niger Pada Berbagai Bahan Pembawa Terhadap Phytopththora palmivora Penyebab Busuk Buah Kakao (Theobroma cacao L .). *Jurnal Agrotekbis*, *4*(5), 521–529.

Wahyuningtias, S., Mardiastuti, A., & Mulyani, Y. A. (2021). Diversity of mistletoes and their distribution in Dramaga Campus, West Java, Indonesia. *IOP Conference Series: Earth and Environmental Science*, *948*(1), 012015. https://doi.org/10.1088/1755-1315/948/1/012015

Wang, D., Xue, B., Wang, L., Zhang, Y., Liu, L., & Zhou, Y. (2021). Fungus-mediated green synthesis of nano-silver using Aspergillus sydowii and its antifungal/antiproliferative activities. *Scientific Reports*, *11*(1), 1–9. https://doi.org/10.1038/s41598-021-89854-5

Wang, L., Wu, Y., Xie, J., Wu, S., & Wu, Z. (2018). Characterization, antioxidant and antimicrobial activities of green synthesized silver nanoparticles from Psidium guajava L. leaf aqueous extracts. *Materials Science and Engineering C*, *86*(February), 1–8. https://doi.org/10.1016/j.msec.2018.01.003

Yin, I. X., Zhang, J., Zhao, I. S., Mei, M. L., Li, Q., & Chu, C. H. (2020). The antibacterial mechanism of silver nanoparticles and its application in dentistry. *International Journal of Nanomedicine*, *15*, 2555–2562.

Ying, S., Guan, Z., Ofoegbu, P. C., Clubb, P., Rico, C., He, F., & Hong, J. (2022). Green synthesis of nanoparticles: Current developments and limitations. *Environmental Technology and Innovation*, *26*, 102336.

Yu, R., Liu, J., Wang, Y., Wang, H., & Zhang, H. (2021). Aspergillus niger as a Secondary Metabolite Factory. *Frontiers in Chemistry*, *9*(July), 1–12. https://doi.org/10.3389/fchem.2021.701022

Zakir, M., Maming, M., Lembang, M. S., & Lembang, E. Y. (2021). Reduction mechanisms of Ag(I) and Au(III) in the synthesis of silver and gold nanoparticles using leaf extract of Terminalia catappa. *Jurnal Natural*, *21*(2), 89–98. https://doi.org/10.24815/jn.v21i2.20677

Zeniusa, P., Ramadhian, M. R., Nasution, S. H., & Karima, N. (2019). Uji Daya Hambat Ekstrak Etanol Teh Hijau terhadap Escherichia coli Secara In Vitro. *Majority*, *8*(2), 136–143.

Zhang, S., Yang, J., Li, H., Chiang, V. L., & Fu, Y. (2021). Cooperative Regulation of Flavonoid and Lignin Biosynthesis in Plants. *Critical Reviews in Plant Sciences*, *40*(2), 109–126. https://doi.org/10.1080/07352689.2021.1898083

Zhang, X. F., Liu, Z. G., Shen, W., & Gurunathan, S. (2016). Silver nanoparticles: Synthesis, characterization, properties, applications, and therapeutic

approaches. *International Journal of Molecular Sciences*, *17*(9), 1–34. https://doi.org/10.3390/ijms17091534

Zulharmitta, Z., Kasypiah, U., & Rivai, H. (2012). Pembuatan Dan Karakterisasi Ekstrak Kering Daun Jambu Biji (Psidium guajava L.). *Jurnal Farmasi Higea*, *4*(2), 147–157. https://jurnalfarmasihigea.org/index.php/higea/article/view/70