DAFTAR PUSTAKA

Adrianto, N., Panre, A. M., Istiqomah, N. I., Riswan, M., Apriliani, F., & Suharyadi, E. (2022). Localized surface plasmon resonance properties of green synthesized silver nanoparticles. *Nano-Structures & Nano-Objects, 31*, 100895.

Allawadhi, P., Singh, V., Khurana, A., Khurana, I., Allwadhi, S., Kumar, P., . . . Naik, R. R. J. S. I. (2021). Silver nanoparticle based multifunctional approach for combating COVID-19. *2*, 100101.

Allegretta, I., Legrand, S., Alfeld, M., Gattullo, C. E., Porfido, C., Spagnuolo, M., . . . Terzano, R. (2022). SEM-EDX hyperspectral data analysis for the study of soil aggregates. *Geoderma, 406*, 115540.

Annisa, N. M. (2023). *Aktivitas Nanopartikel Karboksimetil Kitosan Kulit Udang terhadap Penghambatan Pembentukan Biofilm Bakteri Fusobacterium nucleatum Penyebab Periodontitis Kronis.* Universitas Jenderal Soedirman,

Antony, R., Arun, T., & Manickam, S. T. D. (2019). A review on applications of chitosan-based Schiff bases. *International Journal of Biological Macromolecules, 129*, 615-633.

Aurachman, R. (2020). Review Terhadap OSF. IO Sebagai Sarana Publikasi Preprint.

Babuji, P., Taher, M. A., Dar, M. H., Rao, D. N., Krishna, P. G., & Saikiran, V. (2023, December). Surface-Enhanced Raman Scattering Studies of Au-Ag Bimetallic Nanoparticles with a Tunable Surface Plasmon Resonance Wavelength Synthesized by Picosecond Laser Irradiation. In *Photonics* (Vol. 10, No. 12, p. 1345). MDPI.

Badawy, M. E., Lotfy, T. M., & Shawir, S. (2019). Preparation and antibacterial activity of chitosan-silver nanoparticles for application in preservation of minced meat. *Bulletin of the National Research Centre, 43*(1), 1-14.

Brooks, G., Butel, J., Morse, S., & Mikrobiologi Kedokteran Jawetz, M. J. M. K. (2007). Adelberg.

Choi, J., Hwang, D. S., Lim, C., & Lee, D. W. (2024). Interaction mechanism between low molecular weight chitosan nanofilm and functionalized surfaces in aqueous solutions. *Carbohydrate Polymers, 324*, 121504.

Claverie, E., Perini, M., Onderwater, R. C., Pianezze, S., Larcher, R., Roosa, S., ... & Wattiez, R. (2023). Multiple technology approach based on stable isotope ratio analysis, fourier transform infrared spectrometry and

thermogravimetric analysis to ensure the fungal origin of the chitosan. *Molecules*, *28*(11), 4324.

Czechowska-Biskup, R., Rokita, B., Lotfy, S., Ulanski, P., & Rosiak, J. M. (2005). Degradation of chitosan and starch by 360-kHz ultrasound. *Carbohydrate Polymers, 60*(2), 175-184.

Da Silva, C. M., da Silva, D. L., Modolo, L. V., Alves, R. B., de Resende, M. A., Martins, C. V., & de Fátima, Â. (2011). Schiff bases: A short review of their antimicrobial activities. *Journal of Advanced research, 2*(1), 1-8.

Elvansi, M. E., & Vifta, R. L. (2022). penentuan kadar flavonoid total ekstrak daun rambai laut dengan variasi pelarut ekstraksi (Sonneratia caseolaris L.). *Indonesian Journal of Pharmacy and Natural Product*, *5*(1), 12-18.

Gizdavic-Nikolaidis, M. R., Pupe, J. M., Jose, A., Silva, L. P., Stanisavljev, D. R., Svirskis, D., & Swift, S. (2023). Eco-friendly enhanced microwave synthesis of polyaniline/chitosan-AgNP composites, their physical characterisation and antibacterial properties. *Synthetic Metals, 293*, 117273.

Gonçalves, C., Ferreira, N., & Lourenço, L. (2021). Production of low molecular weight chitosan and chitooligosaccharides (COS): A review. *Polymers*, *13*(15), 2466.

Gwak, M. A., Lee, S. J., Lee, D., Park, S. A., & Park, W. H. (2023). Highly gallol-substituted, rapidly self-crosslinkable, and robust chitosan hydrogel for 3D bioprinting. *International Journal of Biological Macromolecules, 227*, 493-504.

Hassan, M. A., Omer, A. M., Abbas, E., Baset, W. M., & Tamer, T. M. (2018). Preparation, physicochemical characterization and antimicrobial activities of novel two phenolic chitosan Schiff base derivatives. *Scientific reports*, *8*(1), 11416.

Hayat, P., Khan, I., Rehman, A., Jamil, T., Hayat, A., Rehman, M. U., . . . Dablool, A. S. (2023). Myogenesis and analysis of antimicrobial potential of silver nanoparticles (AgNPs) against pathogenic bacteria. *Molecules, 28*(2), 637.

Hiller, W., & Grabe, B. (2023). The Universal Calibration for Structure-and Solvent-Independent Molar Mass Determinations of Polymers Using Diffusion-Ordered Spectroscopy. *Analytical Chemistry*.

Huang, M., Wang, J., Tan, C., Ying, R., Wu, X., & Otto, J. L. (2023). Modulating the functional properties of protein-stabilized pickering emulsion by inulin, xanthan gum and chitosan. *Food Bioscience, 55*, 103063.

Iga, M., Seki, A., & Watanabe, K. (2004). Hetero-core structured fiber optic surface plasmon resonance sensor with silver film. *Sensors and Actuators B: Chemical, 101*(3), 368-372.

Jaswal, T., & Gupta, J. (2023). A review on the toxicity of silver nanoparticles on human health. *Materials Today: Proceedings, 81*, 859-863.

Jovianto, A. (2020). *Perbandingan metode sintesis refluks, penggerusan, pelarut air (Stirrer) dan sonikasi pada sintesis senyawa basa Schiff dari O-Vanilin dan P-Anisidina.* Universitas Islam Negeri Maulana Malik Ibrahim,

Kadir, R., Li, W. Y., Mat Arip, M. N., & Lee, H. L. (2023). Incorporation of permethrin into chitosan polymeric nanoparticles using nanoprecipitation method for rubberwood preservation against termite attack. *Wood Material Science & Engineering*, 1-11.

Khachatryan, G., Khachatryan, K., Szczepankowska, J., Krzan, M., & Krystyjan, M. (2023). Design of Carbon Nanocomposites Based on Sodium Alginate/Chitosan Reinforced with Graphene Oxide and Carbon Nanotubes. *Polymers, 15*(4), 925.

Lee, H. B., Son, S. E., & Seong, G. H. (2023). Apta-sensor for selective determination of dopamine using chitosan-stabilized Prussian blue nanoparticles. *Journal of Materials Chemistry B, 11*(30), 7217-7227.

Magani, A. K., Tallei, T. E., & Kolondam, B. J. (2020). Uji Antibakteri Nanopartikel Kitosan terhadap Pertumbuhan Bakteri Staphylococcus aureus dan Escherichia coli. *Jurnal Bios Logos, 10*(1), 7-12.

Malm, M., & Liceaga, A. M. (2021). Physicochemical properties of chitosan from two commonly reared edible cricket species, and its application as a hypolipidemic and antimicrobial agent. *Polysaccharides, 2*(2), 339-353.

Marin-Silva, D. A., Romano, N., Damonte, L., Giannuzzi, L., & Pinotti, A. (2023). Hybrid materials based on chitosan functionalized with green synthesized copper nanoparticles: Physico-chemical and antimicrobial analysis. *International Journal of Biological Macromolecules, 242*, 124898.

Markmann, S., Franckié, M., Bertrand, M., Shahmohammadi, M., Forrer, A., Jouy, P., . . . Scalari, G. (2023). Frequency chirped Fourier-Transform spectroscopy. *Communications Physics, 6*(1), 53.

Maulana, Y., & Haikal, F. (2023). *PEMBENTUKAN NANOKITOSAN BERBAHAN DASAR JAMUR TIRAM DENGAN METODE RAMAH LINGKUNGAN.* Fakultas Teknik Universitas Sultan Ageng Tirtayasa,

Maulidifa, N. A., & Hidayah, E. N. J. J. S. E. (2024). Pengaruh Waktu Pengadukan Biosorben Cangkang Maggot dalam Menyisihkan Ion Fe. *9*(2).

Mousavi, Z., Babaei, S., Naseri, M., Hosseini, S. M. H., Shekarforoush, S. S. J. J. o. F. M., & Characterization. (2022). Utilization in situ of biodegradable films produced with chitosan, and functionalized with ε-poly-l-lysine: An effective approach for super antibacterial application. *16*(2), 1416-1425.

Musiam, S., & Aisyah, N. J. C. J. T. K. (2021). Characterization of Chitosan from the Haliling Snail (Filopaludina javanica) Shell in South Kalimantan. *7*(2), 92.

Nabhan et al. (2023). Determination of Molecular Weight and Viscosity of Irradiated Polystyrene. *20*(3 (Suppl.)), 1139-1139.

Naisau, M. R. (2023). *PEMBUATAN KITOSAN DARI LIMBAH CANGKANG KULIT UDANG WINDU (Penaeus monodon) ASAL KABUPATEN MALAKA*. Universitas Timor,

Notriawan, D., Ernis, G., Wibowo, R. H., Pertiwi, R., & Malau, T. R. (2020). Aktivitas Antibakteri Nanopartikel Perak Hasil Green Synthesis Menggunakan Ektrak Kulit Buah Kemuning (Murraya Paniculata (L) Jack). *BIOEDUSAINS: Jurnal Pendidikan Biologi dan Sains, 3*(2), 140-144.

Rizaldi, A., Zelpina, E., & Oktarina, K. J. J. S. d. T. P. (2022). Cemaran coliform dan total plate count pada daging ayam broiler: Studi kasus di pasar tradisional Kabupaten Barito Timur. *4*(1), 28-33.

Rizki, Z., Fitriana, F., & Jumadewi, A. J. J. S. G. d. K. (2022). Identifikasi jumlah angka kuman pada dispenser metode TPC (Total Plate Count). *4*(1), 38-43.

Sari, N. A. (2020). Uji Perbandingan Metode Penentuan Derajat Deasetilasi Kitosan Menggunakan Spektroskopi Infra Merah Dan Metode Volumetri.

Sombo, D. E., Turambi, A., Wodi, S. I. M., & Cahyono, E. J. J. K. I. J. o. M. (2020). Efektivitas Kitosan Sebagai Bahan Pengawet Alami Pada Produk Tradisional Ikan Layang (Decapterus Russeli) Asap Pinekuhe. *1*(2), 53-64.

Sumartono, N. W., Desiriana, F. H. R., Novitasari, W., & Hulfa, D. S. J. P.-J. P. M. U. (2015). Sintesis dan Karakterisasi Bioplastikberbasis Alang-Alang (Imperata Cylindrica (L.)) dengan Penambahan Kitosan, Gliserol, dan Asam Oleat. (2).

Syangap, D. S. (2023). SINTESIS, KARAKTERISASI DAN APLIKASI NANOMATERIAL S/CuO/nGO YANG DIIRADIASI SINAR VISIBLE

SEBAGAI ANTIBAKTERI TERHADAP BAKTERI ESCHERICHIA COLI DAN BACILLUS SP.

Tsagkaris, A., Kalogiouri, N., Hrbek, V., & Hajslova, J. (2023). Spelt authenticity assessment using a rapid and simple Fourier transform infrared spectroscopy (FTIR) method combined to advanced chemometrics. *European Food Research and Technology, 249*(2), 441-450.

Upadhyay, R., Rana, R., & Maurya, S. K. (2021). Organocatalyzed C− N bond-forming Reactions for the Synthesis of Amines and Amides. *ChemCatChem, 13*(8), 1867-1897.

Utami, R. T., Elvina, W., Pardiansyah, D., & Yulfiperius, Y. (2023). Pemanfaatan Limbah Sisik Ikan Nila dan Ikan Kakap Merah sebagai Kitosan. *Jurnal Akuakultur Sungai dan Danau, 8*(2), 142-146.

Wu, K., Wang, B., Liu, T., Wang, J., Xu, W., Zhang, B., & Niu, Y. (2023). Synthesis of salicylaldehyde tailored PAMAM dendrimers/chitosan for adsorption of aqueous Hg (II): Performance and mechanism. *International Journal of Biological Macromolecules, 253*, 126590.

Zarharan, H., Bagherian, M., Rokhi, A. S., Bajgiran, R. R., Yousefi, E., Heravian, P., . . . Yazdi, M. E. T. (2023). The anti-angiogenesis and antioxidant activity of chitosan-mediated synthesized selenium-gold nanostructure. *Arabian Journal of Chemistry, 16*(7), 104806.