

Daftar Publikasi

1. Ainurofiq, A. (2023). The use of natural and synthetic polymers in the formulation of gastro retentive drug delivery system. *International Journal of Drug Delivery Technology*, 13.
2. Astirin, O. P., & Marliyana, S. D. (2024). Analysis of flavonoid content and antioxidant activity of *Curcuma caesia* roxb grown in different geographical areas. *Journal of Advanced Pharmacy Education & Research*, 14.
3. Cahyaningrum, D. S., & Choiri, S. (2024). Phyto-nanoemulsion containing tea leaves extract incorporated into a hydrogel-based peel-off mask formulation: Development, antioxidant assay, and ex-vivo transport study. *Pharmaceutical Sciences*, 30.
4. Cari, C., & Yunianto, M. (2024). Lung cancer detection using a modified convolutional neural network (CNN). *Indonesian Journal of Applied Physics*, 14(1).
5. Farida, Y. (2023). Eel oil attenuates acetaminophen-induced acute liver injury through inhibition of oxidative stress in rats. *Majalah Obat Tradisional*, 28.
6. Firdaus, M. (2023). Antibacterial edible coating from mandarin orange peel (*Citrus reticulata*) and moringa leaf (*Moringa oleifera*) extract for fish preservation. *Jurnal Riset Kimia*, 14.
7. Heraldry, E., Dwi, K., Rahmawati, F., & Hidayat, Y. (2024). Hydrodeoxygenation of anisole via Cu supported on zeolite: HZSM-5, MOR, and Indonesian activated natural zeolite. *Ingeniería e Investigación*, 44.
8. Khoirina, D. N. (2023). Nanocomposites of terbium sulfide nanoparticles with a chitosan capping agent for antibacterial applications. *Journal of Composites Science*, 7.
9. Koesuma, S. (2024). Earthquake disaster risk assessment in Purworejo District, Central Java Province, Indonesia. *Indonesian Journal of Applied Physics*, 14(1).
10. Lestari, W. W. (2023). Promotional effect of ammonium chloride functionalization on the performance of polyethersulfone/chitosan composite-based ultrafiltration membrane. *Chemical Engineering Research and Design*, 190.
11. Listyawati, S. (2023). A systematic review of butterfly pea flowers (*Clitoria ternatea* L.) in reducing body weight and improving lipid profile in rodents with obesity. *Amerta Nutrition*, 7.
12. Listyawati, S., & Widiyani, T. (2023). Biological activity of catfish (*Clarias gariepinus*) mucus gel on the Wistar rats (*Rattus norvegicus*) wound healing process. *Tropical Journal of Natural Product Research (TJNPR)*, 7.
13. Listyawati, S., Pangastuti, A., & Sari, S. L. A. (2024). Investigating untapped potentials: Velvet beans as novel prebiotic sources and their effects on gut microbiota and short-chain fatty acid level. *Applied Food Biotechnology*, 11.
14. Marliyana, S. D., Cahyaningrum, D. S., & Pratama, T. D. S. (2023). The effect of drying methods on chemical profiling of Zingiberaceae herbs production. *Pharmacognosy Journal*, 15.
15. Matin, H. H. A. (2023). Effect of pretreatment and C/N ratio in anaerobic digestion on biogas production from coffee grounds and rice husk mixtures. *International Journal of Renewable Energy Development*, 12.
16. Mudyantini, W., & Etikawati, N. (2023). Antigenotoxic potential of dayak onion bulb and leaf (*Eleutherine bulbosa* Urb.) ethanol extract with *Allium cepa* assay. *Jurnal Farmasi Indonesia*, 20(1).

17. Nugraheni, E. R., Ainurofiq, A., Hadi, S., Choiri, S., & Rakhmawati, R. (2024). Tamanu oil (*Calophyllum inophyllum* L) promotes wound-healing activity in alloxan-induced diabetic rats, and its fatty acids profile. *JPSCR: Journal of Pharmaceutical Science and Clinical Research*, 9(2).
18. Pangastuti, A. (2023). Bioactive compounds from *Penicillium* sp. inhibit antiapoptotic Bcl-2, Bcl-XL and Mcl-1: An in silico study. *Molecular and Cellular Biomedical Sciences*, 7(2).
19. Pitoyo, A., & Solichatun, S. (2024). Induction of drought resistance in melon (*Cucumis melo* L.) M15 with hormoprime brassinosteroid based on morphology, anatomy, and physiology aspects. *Bioma: Jurnal Ilmiah Biologi*, 12.
20. Pramono, E. (2023). The enhancement of dye filtration performance and antifouling properties in amino-functionalized bentonite/polyvinylidene fluoride mixed matrix membranes. *Heliyon*, 9.
21. Pramono, E., Wahyuningsih, S., & Masykur, A. (2024). Effects of temperature, molecular weight, and non-solvent variation on the physical properties of PVDF membranes prepared through immersion precipitation. *Jurnal Kimia Sains dan Aplikasi*, 27(1).
22. Pranoto, P., & Mahajoeno, E. (2024). Utilization of agricultural waste to reduce enteric methane emissions on livestock in tropical environment. *Global Journal of Environmental Science and Management (GJESM)*, 10.
23. Rahmawati, F. (2024). Screen printed carbon electrode from coconut shell char for lead ions detection. *International Journal of Renewable Energy Development*, 13.
24. Rahmawati, F. (2024). Advances in electrochemical technologies for sustainable wastewater treatment and chemical synthesis: mechanisms, challenges, and prospects. *Journal of Medicinal and Pharmaceutical Chemistry Research*, 6.
25. Riyatun, R., Supriyanto, A., Kusumaningsih, T., & Purnama, B. (2023). Nanoparticle preparation procedure tune of physical, antibacterial, and photocatalyst properties on silver substituted cobalt ferrite. *Results in Engineering*, 18.
26. Saraswati, T. E. (2023). The effect of different types of molecules methylene blue on the adsorption capacity of improved 1% TiO₂/G-NS. *AIP Conference Proceedings*, 2540.
27. Setyawan, A. D., & Indrawan, M. (2024). The community structure of Echinodermata (Echinoidea and Holothuroidea) on seagrass ecosystem in Gunungkidul, Yogyakarta, Indonesia. *Biodiversitas*, 25.
28. Setyono, P., & Rachmawati, S. (2024). Utilization of WWTP output into liquid organic fertilizer on the growth of pak choi (*Brassica rapa* L.). *Journal of Ecological Engineering (JEE)*, 25.
29. Sulistijowati, R. S., & Pratiwi, H. (2023). Implementasi data mining menggunakan metode random forest dan support vector machine dalam klasifikasi penyakit diabetes. *DELTA: Jurnal Ilmiah Pendidikan Matematika*, 11(2).
30. Sunarto, S., & Matin, H. H. A. (2024). Water purification using SPZ and SPA filter media to improve the water quality of Sekar Lepen Keprabon river. *Jurnal Presipitasi: Media Komunikasi dan Pengembangan Teknik Lingkungan*, 21(1).
31. Sunarto, S., & Setyono, P. (2024). Contribution of commuters and transit activities on the road transport carbondioxides emission in Surakarta. *Indonesian Journal of Geography*, 56.

32. Supriyanto, A., & Widiyandari, H. (2024). Titanium dioxide (TiO₂) doping copper (Cu) with annealing temperature variation as photoanode for dye-sensitized solar cells (DSSC). *E3S Web of Conferences*, 465.
33. Supriyanto, A., Iriani, Y., Nurosyid, F., & Widiyandari, H. (2024). Effect of AgNO₃ incorporation on the mixture of chlorophylls, anthocyanins, and betalains dyes on dye-sensitized solar cell performance. *Journal of Optoelectronics and Advanced Materials*, 26.
34. Susilowati, A. (2024). The application of entomopathogenic fungi *Metarhizium anisopliae*, *Beauveria bassiana*, and *Trichoderma harzianum* for *Coptotermes curvignathus* and *Cryptotermes cynocephalus* termite control in Indonesia. *Journal of the Korean Wood Science and Technology*, 52.
35. Sutarno, S. (2024). Combined anti-diabetic and wound healing effects of binahung leaf (*Basella rubra* L.) and snakehead fish (*Channa striata*) extracts in alloxan-induced high-fat diet rats. *Sains Malaysiana*, 53.
36. Sutomo, A. D., Legowo, B., & Purnama, B. (2023). Magnetic characterization of fine sediment in the Solo basin Indonesia. *Journal of Mathematical and Fundamental Sciences*, 55.
37. Utari, U., Iriani, Y., & Purnama, B. (2023). Physical properties modification of co-precipitated CoLa_{0.1}Fe_{1.9}O₄ nanoparticle with different Fe³⁺ raw material. *Key Engineering Materials*, 941.
38. Wahyuningsih, S., & Purnawan, C. (2023). Photodegradation and photoelectrodegradation of methyl orange and methyl violet dyes using graphite/PbTiO₃ composite under visible light irradiation. *Molekul*, 18.
39. Wahyuningsih, S., & Pramono, E. (2023). Fabrication of high purity silica precipitates from quartz sand toward photovoltaic application. *Journal of Ceramic Processing Research*, 24.
40. Widiyandari, H. (2023). Extraction of silica (SiO₂) from rare-earth metal zircon (ZrSiO₄) as lithium-ion battery anode material. *Jurnal Kimia Sains dan Aplikasi*, 26.
41. Widiyani, T., & Herawati, E. (2024). Effects of mackerel scad collagen gel on superficial non-infected wound in mice. *Tropical Journal of Natural Product Research*, 8.
42. Wibowo, F. R. (2023). Molecular docking study on COVID-19 drug activity of quercetin derivatives with glucose groups as potential main protease inhibitor. *AIP Conference Proceedings*, 2540.