

DAFTAR PUSTAKA

- Abeysekera, K. (2005). Comparison of ginger varieties dried at different temperatures for oil and oleoresin contents. *Sri Lankan Journal Agriculture Science*, 42, 34–42.
- Adhawati, N., dan Jatmiko, Y. D. (2023). Evaluation of Jamu Kunyit Asam (*Curcuma domestica* Val-Tamarindus indica L.) as Probiotic Carrier of *Lactobacillus Plantarum* BP102. *International Food Research Journal*, 30 (5). 1274-1284.
- Ahmad, R., Khan, M. A., & Srivastava, A. N. (2016). Evaluation of in vitro anticancer activity of rhizome of *Curcuma longa* against human breast cancer and Vero cell lines. *International Journal of Botany Studies*, 1(1), 01–06.
- Ali Hasan, H. (2012). Chemical Composition and Antimicrobial Activity of the Crude Extracts Isolated from *Zingiber Officinale* by Different Solvents. *Pharmaceutica Analytica Acta*, 03(09).
- Alfuraydi, A. A., Aziz, I. M., & Almajhdi, F. N. (2024). Assessment Of Antioxidant, Anticancer, And Antibacterial Activities of The Rhizome of Ginger (*Zingiber officinale*). *Journal of King Saud University - Science*, 36(3).
- Alkathlan, A. H., Al-Abdulkarim, H. A., Khan, M., Khan, M., Alkholief, M., Alshamsan, A., Almomen, A., Albekairi, N., Alkathlan, H. Z., & Siddiqui, M. R. H. (2021). Evaluation of the anticancer activity of phytomolecules conjugated gold nanoparticles synthesized by aqueous extracts of *zingiber officinale* (Ginger) and *nigella sativa* l. seeds (black cumin). *Materials*, 14(12).
- Ariyanti T. (2010). Bakteri *Listeria Monocytogenes* Sebagai Kontaminan Makanan Asal Hewan (Foodborne Disease). *Wartazoa*, 20(2), 94–102.
- Aryanta, I. W. R. 2019. Manfaat Jahe Untuk Kesehatan. *Widya Kesehatan*, 1(2). 39-43.

- Asman, H. (2015). Aktivitas Antimikroba Ekstrak Etanol Kulit Manggis terhadap *Staphylococcus aureus*, *Bacillus subtilis*, *Escherichia coli*, dan *Pseudomonas aeruginosa* secara *In vitro*.
- Ayustra, E. I. (2020). Uji Aktivitas Fraksi N-Heksana Ekstrak Etano Daun Jambu Biji (*Psidium guajava* L.) Sebagai Sediaan Nanopartikel Dalam Bentuk *Self-Nano Emulsifying Drug Delivery System* (SNEDSS) Terhadap Sel T47D dan MCF-7. Skripsi. <http://dspace.uui.ac.id/123456789/23680>
- Badan POM. (2004). *Keputusan Kepala Badan Pengawas Obat Dan Makanan Republik Indonesia Nomor HK. 00.05.4.2411 Tentang Ketentuan Pokok Pengelompokan dan Penandaan Obat Bahan Alam Indonesia*.
- Budiati, T., Suryaningsih, W., Umaroh, S., Poerwanto, B., Bakri, A., & Kurniawati, E. (2018). Antimicrobial activity of essential oil from Indonesian medicinal plants against food-borne pathogens. *IOP Conference Series: Earth and Environmental Science*, 207(1).
- Beristain-Bauza, S. D. C., Hernández-Carranza, P., Cid-Pérez, T. S., Ávila-Sosa, R., Ruiz-López, I. I., & Ochoa-Velasco, C. E. (2019). Antimicrobial Activity of Ginger (*Zingiber Officinale*) and Its Application in Food Products. In *Food Reviews International* (Vol. 35, Issue 5, pp. 407–426).
- Djati, M. S. (2006). *Teknologi Manipulasi dan Kultur Sel Jaringan Hewan*. Malang : UB Press.
- Doyle, A., & Griffiths, J. B. (2000). *Cell and Tissue Culture for Medical research*. John Willey and Sons, Ltd.
- Edy, S., & Ajo, A. (2020). Pengolahan Jahe Instan Sebagai Minuman Herbal Di Masa Pandemi Covid-19. *Jurnal Ekonomi, Sosial & Humaniora*, 02(03), 177–183.
- El-Ghorab, A. H., Nauman, M., Anjum, F. M., Hussain, S., & Nadeem, M. (2010). A Comparative study on chemical composition and antioxidant activity of ginger (*Zingiber officinale*) and cumin (*Cuminum cyminum*). *Journal of Agricultural and Food Chemistry*, 58(14), 8231–8237.
- Grover, M., Behl, T., Sehgal, A., Singh, S., Sharma, N., Virmani, T., Rachmalla, M., Farasani, A., Chigurupati, S., Alsubayiel, A. M., Felemban, S. G.,

- Sanduja, M., & Bungau, S. (2021). In Vitro Phytochemical Screening, Cytotoxicity Studies of Curcuma longa Extracts with Isolation and Characterisation of Their Isolated Compounds. *Molecules*, 1–17.
- Juniarti, Y. (2011). Analisis Senyawa Metabolit Sekunder dari Ekstrak Metanol Daun Surian yang Berpotensi sebagai Antioksidan. *MAKARA*, 15(1), 48–52.
- Kottarapat, J., Article, O., Jeena, K., Liju, B., & Kuttan, R. (2015). Antitumor and cytotoxic activity of ginger essential oil (*Zingiber officinale roscoe*). In *Article in International Journal of Pharmacy and Pharmaceutical Sciences*.
- Kuswiyanto. (2016). *Bakteriologi 2: Buku Ajar Analis Kesehatan*. EGC.
- Lestari, T. R. P. (2020). Keamanan Pangan Sebagai Salah Satu Upaya Perlindungan Hak Masyarakat Sebagai Konsumen. *Aspirasi: Jurnal Masalah-Masalah Sosial*, 11(1), 57–72.
- Manalu, R., Napleon, A., dan Hermawan, A. (2018). Eksplorasi bakteri Pendegradasi Hidrokarbon Pada Tanah Terkontaminasi Minyak Bumi. *Sainstech Farm; Jurnal Ilmu Kefarmasian*, 9(2). 39-42.
- Marbawati, D., dan Sarjiman. (2015). Konsentrasi Aman Kurkumin dan PGV-0 terhadap Sel Vero Berdasarkan Hasil Uji Sitotoksik. *Jurnal Kefarmasian Indonesia*, 5(2). 67-73.
- Mehrotra, S., Goyal, V., Dimkpa, C. O., & Chhokar, V. (2024). Green Synthesis and Characterization of Ginger-Derived Silver Nanoparticles and Evaluation of Their Antioxidant, Antibacterial, and Anticancer Activities. *Plants*, 13(9).
- Meksepralard C. Kamkaen N. Wikinson JM. (2010). Antimicrobial and Antioxidant Activities of Traditional Thai Herbal Remedies for Aphthous Ulcers. *Phytother*, 24. 1514-1519.
- Munadi, R., & Arifin, L. (2022). Identifikasi Senyawa Metabolit Sekunder Dan Uji Aktivitas Antioksidan Ekstrak Daun Jahe Putih (*Zingiber officinale Rosc. var. officinarum*). *SPIN*, 4(2), 163–174. <https://doi.org/10.20414/spin.v4i2.5420>

- Ngamwonglumlert, L., Devahastin, S., & Chiewchan, N. (2017). Molecular structure, stability and cytotoxicity of natural green colorants produced from *Centella asiatica* L. leaves treated by steaming and metal complexations. *Food Chemistry*, 232, 387–394.
- Nikolić, M., Vasić, S., Đurđević, J., Stefanović, O., & Čomić, L. (2014). Antibacterial And Anti-Biofilm Activity Of Ginger (*Zingiber Officinale* (Roscoe)) Ethanolic Extract. *Kragujevac J. Sci*, 36, 129–136.
- Ningsih, A. W., Hanifa, I., & Yunil Hisbiyah, A. (2020). Pengaruh Perbedaan Metode Ekstraksi Rimpang Kunyit (*Curcuma domestica*) Terhadap Rendemen dan Skrining Fitokimia. In *J-PhAM Journal of Pharmaceutical Care Anwar Medika* (Vol. 96, Issue 2).
- Nurussakinah. (2010). Skrining Fitokimia dan Uji Aktivitas Antibakteri Ekstrak Kulit Buah Tanaman Jengkol (*Pithecellobium Jiringa* Jack) terhadap bakteri *Streptococcus mutans*, *Staphylococcus aureus* dan *Eschericia coli*. Universitas Sumatra Utara.
- Oghenejobo, M. (2017). Antibacterial Evaluation, Phytochemical Screening and Ascorbic Acid Assay of Turmeric (*Curcuma longa*). *MOJ Bioequivalence & Bioavailability*, 4(2).
- Park, J., Do, S., Lee, M., Ha, S., & Lee, K. G. (2022). Preparation of turmeric powder with various extraction and drying methods. *Chemical and Biological Technologies in Agriculture*, 9(1).
- Pelczar, M., & Chan, E. C. S. (2013). *Dasar-Dasar Mikrobiologi 1*. Penerbit UI Press.
- Pour, M. B., Latha, L. Y., & Sasidharan, S. (2011). Cytotoxicity and Oral acute toxicity studies of lantana camara leaf extract. *Molecules*, 16(5), 3663–3674.
- Purwanto, A., Asbari, M., Novitasari, D., Nugroho, Y. A., & Sasono, I. (2021a). Peningkatan Keamanan Pangan Melalui Pelatihan ISO 22000: 2018 Sistem Manajemen Keamanan Pangan Pada Industri Kemasan Makanan di Tangerang. *Journal of Community Service and Engagement*, 1(02), 13–20.

- Republik Indonesia. (2004). *Peraturan Pemerintah Nomor 28 Tahun 2004 Tentang Keamanan Pangan*.
- Sani, S. A., Mohd Faik, A. A., Abdulla, R., & Kunasekaran, S. (2019). Phytochemical, Antioxidant and Antibacterial Activities of Two Kinds Of Sabah *Zingiberaceae*. *Journal of Physics: Conference Series*, 1358(1).
- Sari, Dwi Rata. (2015). Isolasi dan Identifikasi Bakteri Tanah yang Terdapat di Sekitar Perakaran Tanaman. *Biocite*, 1(1). 21-27.
- Sari, S. K. (2023). Pengaruh Nanokitosan dari Limbah Selongsong Pupa *Black Soldier Fly* (BSF) Terhadap Umur Simpan Sayuran Segar. Skripsi.
- Sarker, A. K., Rashid, M., Roy, D. C., Mussarat, M., & Bithi, U. H. (2021). Ginger (*Zingiber officinale*) Powder from Low Temperature Drying Technique. *Bangladesh Journal of Scientific and Industrial Research*, 56(2), 133–140.
- Schoeni, J. L., & Wong, A. C. L. (2005). *Bacillus cereus* Food Poisoning and Its Toxins. *Journal of Food Protection*, 68(3), 636–648.
- Shareef, H. K., Muhammed, H. J., Hussein, H. M., & Hameed, I. H. (2016). Antibacterial effect of ginger (*zingiber officinale*) roscoe and bioactive chemical analysis using gas chromatography mass spectrum. *Oriental Journal of Chemistry*, 32(2), 817–837.
- Sikta, S. A., Sakib, S., Rashed, B., Dash, P. R., Shetu, H. J., Taskina Trisha, K., Anwar, R., & Dash, R. (2018). Pharmacological Importance of *Kaempferia galanga* (*Zingiberaceae*): A mini review. *International Journal of Research in Pharmacy and Pharmaceutical Sciences*, 3, 32–39.
- Soleh, & Megantara. (2019). Karakteristik morfologi tanaman kencur dan aktivitas farmakologi (*Kaempferia galanga* L.) Review. *Farmaka*, 17(2), 256262.
- Soleha, T. U. (2015). Uji Kepekaan Terhadap Antibiotik. *Jurnal Kesehatan Unila*, 5(9), 119–123.
- Sudiby, A., Farida Hutajulu, T., & Maman Sukiman Balai Besar Industri Agro Jl IrH Juanda No, dan. (2018). *Proses Pembuatan Bubuk Curcuminoid Dari Rimpang Kunyit (Curcuma longa domestica, vahl) Dan Karakteristiknya Sebagai Bahan Ingredien Pangan* (Vol. 9, Issue 1).

- Suprihatin, T., Rahayu, S., Rifa, M., & Widyarti, S. (2020). Senyawa pada Serbuk Rimpang Kunyit (*Curcuma longa* L.) yang Berpotensi sebagai Antioksidan. *Buletin Anatomi Dan Fisiologi*, 5(1), 35–42.
- Tejasari, Zakaria, Fransiska Rungkat. (2006). Senyawa Bioaktif Rimpang Jahe (*Zingiber officinale* Roscoe) Meningkatkan Respon Sitolitik Sel NK Terhadap Sel kanker Darah K-562 In Vitro. *Jurnal Teknologi dan Industri Pangan*, 12(3). 93-108.
- Tilak, J. C., Banerjee, M., Mohan, H., & Devasagayam, T. P. A. (2004). Antioxidant availability of turmeric in relation to its medicinal and culinary uses. *Phytotherapy Research*, 18(10), 798–804.
- Trinanda Utama, A., Sulistiyawati, I., Falah Program Studi Biologi, M., Sains dan Teknologi, F., Nahdlatul Ulama Purwokerto, U., Sultan Agung No, J., Karangklesem, K., Purwokerto Selatan, K., Banyumas, K., & Tengah, J. (2023). Uji Aktivitas Antimikroba Ekstrak Rimpang Kencur (*Kaempferia Galaga* L) Pada Bakteri *Escherichia Col*. *Jurnal UNU Purwokerto*, 3(1), 33–43.
- Tonin, L. T. D., de Oliveira, T. F. V., de Marco, I. G., Palioto, G. F., & Düsman, E. (2021). Bioactive Compounds and Antioxidant, Antimicrobial and Cytotoxic Activities of Extracts of *Curcuma longa*. *Journal of Food Measurement and Characterization*, 15(4), 3752–3760.
- Widiastuti, N. K., Virgiana, N. M., Yastawan, I. M. F., Permatasari, A. A. A. P., Wiradana, P. A., Widhiantara, I. G., & Sucipto, T. H. (2023). Cytotoxicity Evaluation of *Erythrina lithospema* Miq. Leaf Extract against Vero Cell Lines: In Vitro Study. *Research Journal of Pharmacy and Technology*, 16(1), 153–158.
- Wilson, A. P. (2000). *Cytotoxicity and Viability Assays*. Oxford University Press.