DAFTAR PUSTAKA

Abdel-Shafy, H. I., & Mansour, M. S. M. (2017). Polyphenols: Properties, Occurrence, Content in Food and Potential Effects. *Environ. Sci.*, *6*.

Ahmad, A. R., Juwita, J., Laboratorium Farmakognosi, Fakultas Farmasi Universitas Muslim Indonesia, Ratulangi, S. A. D., & Laboratorium Farmakognosi, Fakultas Farmasi Universitas Muslim Indonesia. (2015). Penetapan Kadar Fenolik dan Flavonoid Total Ekstrak Metanol Buah dan Daun Patikala (Etlingera elatior (Jack) R.M.SM). *Pharmaceutical Sciences and Research*, *2*(1), 1–10. https://doi.org/10.7454/psr.v2i1.3481

Alviani, Adelia, & Fajri. (2022). Skrining Fitokimia Ekstrak Daun Benalu Kopi (Scurrula Parasitica L.) Dataran Tinggi Gayo. *QUIMICA: Jurnal Kimia Sains dan Terapan*, *4*(1), 9–14. https://doi.org/10.33059/jq.v4i1.4360

Ameerah Shaeroun, A. R., Hamed Alqamoudy, A. B. A., Mohamed, Khalifa. S., Nouri Kushlaf, N. A., Akram Almabrouk Misbah, A. M. E., & Zuhur Rajab Almes, S. T. O. (2019). Thin Layer Chromatography (TLC) and Phytochemical Analysis of Moringa Oleifera Methanol, Ethanol, Water and Ethyl Acetate Extracts. *Saudi Journal of Medical and Pharmaceutical Sciences*, *05*(10), 817–820. https://doi.org/10.36348/SJMPS.2019.v05i10.002

Amin, M. Z., Islam, T., Uddin, M. R., Uddin, M. J., Rahman, M. M., & Satter, M. A. (2019). Comparative study on nutrient contents in the different parts of indigenous and hybrid varieties of pumpkin (Cucurbita maxima Linn.). *Heliyon*, *5*(9), e02462. https://doi.org/10.1016/j.heliyon.2019.e02462

Ansari, M. A., Fatima, Z., & Hameed, S. (2014). Sesamol: A Natural Phenolic Compound with Promising Anticandidal Potential. *Journal of Pathogens*, *2014*, 1–12. https://doi.org/10.1155/2014/895193

Arawande, Adeleke, & Amuho. (2022). Screening for Bioactive Compounds of Solvent Extracts of Some Selected Vegetables. *Journal of Nutrition Food Science and Technology*. https://doi.org/10.47485/2834-7854.1012

Armengol, E. S., Harmanci, M., & Laffleur, F. (2021). Current strategies to determine antifungal and antimicrobial activity of natural compounds. *Microbiological Research*, *252*, 126867. https://doi.org/10.1016/j.micres.2021.126867

Ayuchecaria, N., Alfiannor Saputera, M. M., & Niah, R. (2020). Penetapan Kadar Fenolik Total Ekstrak Batang Bajakah Tampala (Spatholobus Littoralis Hassk.)

Menggunakan Spektrofotometri Uv-Visible. *Jurnal Insan Farmasi Indonesia*, *3*(1), 132–141. https://doi.org/10.36387/jifi.v3i1.478

Azura, Reni Sutri, & Iriany. (2015). Pembuatan Etil Asetat dari Hasil Hidrolisis, Fermentasi, dan Esterifikasi Kulit Pisang Raja (Musa paradisiaca L.). *Jurnal Teknik Kimia USU*, *4*(1), 1–6. https://doi.org/10.32734/jtk.v4i1.1439

Azwanida. (2015). A Review on the Extraction Methods Use in Medicinal Plants, Principle, Strength and Limitation. *Medicinal & Aromatic Plants*, *04*(03). https://doi.org/10.4172/2167-0412.1000196

Balouiri, M., Sadiki, M., & Ibnsouda, S. K. (2016). Methods for in vitro evaluating antimicrobial activity: A review. *Journal of Pharmaceutical Analysis*, *6*(2), 71–79. https://doi.org/10.1016/j.jpha.2015.11.005

Bastola, K. P., Guragain, Y. N., Bhadriraju, V., & Vadlani, P. V. (2017). Evaluation of Standards and Interfering Compounds in the Determination of Phenolics by Folin-Ciocalteu Assay Method for Effective Bioprocessing of Biomass. *American Journal of Analytical Chemistry*, *08*(06), 416–431. https://doi.org/10.4236/ajac.2017.86032

Berkow, E. L., Lockhart, S. R., & Ostrosky-Zeichner, L. (2020). Antifungal Susceptibility Testing: Current Approaches. *Clinical Microbiology Reviews*, *33*(3), e00069-19. https://doi.org/10.1128/CMR.00069-19

Bernatoniene, J., & Kopustinskiene, D. M. (2018). The Role of Catechins in Cellular Responses to Oxidative Stress. *Molecules*, *23*(4), 965. https://doi.org/10.3390/molecules23040965

Broznić, D., Čanadi Jurešić, G., Department of Chemistry and Biochemistry, School of Medicine, University of Rijeka, Braće Branchetta 20, HR-51000 Rijeka, Croatia, Milin, Č., & Department of Chemistry and Biochemistry, School of Medicine, University of Rijeka, Braće Branchetta 20, HR-51000 Rijeka, Croatia. (2016). Involvement of α-, γ-,and δ-Tocopherol Isomers in the Biphasic DPPH˙ Disappearance Kinetics of Pumpkin (Cucurbita pepo L.) Seed Oil or Oil Mixtures. *Food Technology and Biotechnology*, *54*(2). https://doi.org/10.17113/ftb.54.02.16.4063

Busuioc, A. C., Botezatu, A.-V. D., Furdui, B., Vinatoru, C., Maggi, F., Caprioli, G., & Dinica, R.-M. (2020). Comparative Study of the Chemical Compositions and Antioxidant Activities of Fresh Juices from Romanian Cucurbitaceae Varieties. *Molecules*, *25*(22), 5468. https://doi.org/10.3390/molecules25225468

Carnevalli, D. B., Ramos, C. N., Mardigan, L. P., De Oliveira, E. L., Meurer, E. C., Cardozo Filho, L., Corrêa, R. C. G., & Gonçalves, J. E. (2023). Bioactive compounds profile of extracts from Pereskia aculeata Miller leaves prepared with different solvents by ultrasound-assisted extraction. *Contribuciones A Las Ciencias Sociales*, *16*(6), 4696–4714. https://doi.org/10.55905/revconv.16n.6-103

Chauhan, A., & Jindal, T. (2020). *Microbiological Methods for Environment, Food and Pharmaceutical Analysis*. Springer International Publishing. https://doi.org/10.1007/978-3-030-52024-3

Chen, Y., Gao, Y., Yuan, M., Zheng, Z., & Yin, J. (2023). Anti-Candida albicans Effects and Mechanisms of Theasaponin E1 and Assamsaponin A. *International Journal of Molecular Sciences*, *24*(11), 9350. https://doi.org/10.3390/ijms24119350

Cho, I., Jackson, M. R., & Swift, J. (2016). Roles of Cross-Membrane Transport and Signaling in the Maintenance of Cellular Homeostasis. *Cellular and Molecular Bioengineering*, *9*(2), 234–246. https://doi.org/10.1007/s12195-016-0439-6

Christoper, W., Natalia, D., & Rahmayanti, S. (2017). *Uji Aktivitas Antijamur Ekstrak Etanol Umbi Bawang Dayak (Eleutherine americana (Aubl.) Merr. Ex K. Heyne.) terhadap Trichophyton mentagrophytes secara In Vitro*.

Ciurea, C. N., Kosovski, I.-B., Mare, A. D., Toma, F., Pintea-Simon, I. A., & Man, A. (2020). Candida and Candidiasis—Opportunism Versus Pathogenicity: A Review of the Virulence Traits. *Microorganisms*, *8*(6), 857. https://doi.org/10.3390/microorganisms8060857

Cosme, F., Aires, A., Pinto, T., Oliveira, I., Vilela, A., & Gonçalves, B. (2025). A Comprehensive Review of Bioactive Tannins in Foods and Beverages: Functional Properties, Health Benefits, and Sensory Qualities. *Molecules*, *30*(4), 800. https://doi.org/10.3390/molecules30040800

Cosme, P., Rodríguez, A. B., Espino, J., & Garrido, M. (2020). Plant Phenolics: Bioavailability as a Key Determinant of Their Potential Health-Promoting Applications. *Antioxidants*, *9*(12), 1263. https://doi.org/10.3390/antiox9121263

Dadi, M., & Yasir, M. (2022). Spectroscopy and Spectrophotometry: Principles and Applications for Colorimetric and Related Other Analysis. In A. Kumar Samanta (Ed.), *Colorimetry*. IntechOpen. https://doi.org/10.5772/intechopen.101106

De La Rosa, L. A., Moreno-Escamilla, J. O., Rodrigo-García, J., & Alvarez-Parrilla, E. (2019). Phenolic Compounds. In *Postharvest Physiology and Biochemistry of Fruits and Vegetables* (pp. 253–271). Elsevier. https://doi.org/10.1016/B978-0-12-813278-4.00012-9

Dikatoru, R., Widayanti, E., & Ikayanti, R. (2024). Analysis of Caffeine, Tannin and Total Phenol Content of Tea Leaves from Sirah Kencong Blitar Plantation. *Indonesian Journal of Chemical Research*, *12*(2), 129–135. https://doi.org/10.30598/ijcr.2024.12-rav

Efendi, Y. N., Salimah, S., & Saputri, A. I. (2023). Optimasi pelarut etanol air dalam proses ekstraksi terhadap kadar senyawa steroid ekstrak daun senduduk bulu (Clidemia hirta (L.) D. Don). *Health Sciences and Pharmacy Journal*, *7*(1), 134–138. https://doi.org/10.32504/hspj.v7i1.762

Ethiraj, S., & Balasundaram, J. (2016). Phytochemical and Biological Activity of Cucurbita Seed Extract. *JOURNAL OF ADVANCES IN BIOTECHNOLOGY*, *6*(1), 813–821. https://doi.org/10.24297/jbt.v6i1.4821

Filho, A., Oliveira, H., Sousa, J., Meireles, D., Maia, G., Eacute, J., Filho, M., Eacute, J., Uacute,Nior, P., & Lima, E. (2016). In vitro anti-Candida activity and mechanism of action of the flavonoid isolated from Praxelis clematidea against Candida albicans species. *Journal of Applied Pharmaceutical Science*, 066–069. https://doi.org/10.7324/JAPS.2016.600111

Fraga-Corral, M., Otero, P., Echave, J., Garcia-Oliveira, P., Carpena, M., Jarboui, A., Nuñez-Estevez, B., Simal-Gandara, J., & Prieto, M. A. (2021). By-Products of Agri-Food Industry as Tannin-Rich Sources: A Review of Tannins' Biological Activities and Their Potential for Valorization. *Foods*, *10*(1), 137. https://doi.org/10.3390/foods10010137

Giacometti, J., Bursać Kovačević, D., Putnik, P., Gabrić, D., Bilušić, T., Krešić, G., Stulić, V., Barba, F. J., Chemat, F., Barbosa-Cánovas, G., & Režek Jambrak, A. (2018). Extraction of bioactive compounds and essential oils from mediterranean herbs by conventional and green innovative techniques: A review. *Food Research International*, *113*, 245–262. https://doi.org/10.1016/j.foodres.2018.06.036

Habibi, A. I., Firmansyah, R. A., & Setyawati, S. M. (2018). *Skrining Fitokimia Ekstrak n-Heksan Korteks Batang Salam (Syzygium polyanthum)*.

Hall, R. A. (2015). Dressed to impress: Impact of environmental adaptation on the *C andida albicans* cell wall. *Molecular Microbiology*, *97*(1), 7–17. https://doi.org/10.1111/mmi.13020

Hamid Nour, A., Ruth Oluwaseun, A., Hamid Nour, A., Suliman Omer, M., & Ahmed, N. (2021). Microwave-Assisted Extraction of Bioactive Compounds (Review). In G. I. Churyumov (Ed.), *Microwave Heating—Electromagnetic Fields Causing Thermal and Non-Thermal Effects*. IntechOpen. https://doi.org/10.5772/intechopen.96092

Herawati, M., Deviyanti, S., & Ferhad, A. (2021). *The Antifungal Potential of Stevia rebaudiana Bertoni Leaf Extract Against Candida albicans*.

Höfs, S., Mogavero, S., & Hube, B. (2016). Interaction of Candida albicans with host cells: Virulence factors, host defense, escape strategies, and the microbiota. *Journal of Microbiology*, *54*(3), 149–169. https://doi.org/10.1007/s12275-016-5514-0

Hsu, H., Sheth, C. C., & Veses, V. (2021). Herbal Extracts with Antifungal Activity against Candida albicans: A Systematic Review. *Mini-Reviews in Medicinal Chemistry*, *21*(1), 90–117. https://doi.org/10.2174/1389557520666200628032116

Hu, L., Luo, Y., Yang, J., & Cheng, C. (2025). Botanical Flavonoids: Efficacy, Absorption, Metabolism and Advanced Pharmaceutical Technology for Improving Bioavailability. *Molecules*, *30*(5), 1184. https://doi.org/10.3390/molecules30051184

Hussain, A., Kausar, T., Din, A., Murtaza, M. A., Jamil, M. A., Noreen, S., & iqbal, M. A. (2021a). Antioxidant and Antimicrobial Properties of Pumpkin (Cucurbita maxima) Peel, Flesh and Seeds Powders. *Journal of Biology, Agriculture and Healthcare*. https://doi.org/10.7176/JBAH/11-6-05

Hussain, A., Kausar, T., Din, A., Murtaza, M. A., Jamil, M. A., Noreen, S., Rehman, H. U., Shabbir, H., & Ramzan, M. A. (2021b). Determination of total phenolic, flavonoid, carotenoid, and mineral contents in peel, flesh, and seeds of pumpkin (*Cucurbita maxima*). *Journal of Food Processing and Preservation*, *45*(6). https://doi.org/10.1111/jfpp.15542

Hussain, A., nN, & bb. (2021). Antioxidant and Antimicrobial Properties of Pumpkin (Cucurbita maxima) Peel, Flesh and Seeds Powders. *Journal of Biology, Agriculture and Healthcare*. https://doi.org/10.7176/JBAH/11-6-05

Irawan, C., Sulistiawaty, L., Rochaeni, H., & Lestari, S. (2017). *Comparison of total phenolic content in seed, flesh fruit and peel of Pometia pinnata from Indonesia*.

Jain, T., Mishra, P., Kumar, S., Panda, G., & Banerjee, D. (2023). Molecular dissection studies of TAC1, a transcription activator of Candida drug resistance genes of the human pathogenic fungus Candida albicans. *Frontiers in Microbiology*, *14*, 994873. https://doi.org/10.3389/fmicb.2023.994873

Kaczorová, D., Karalija, E., Dahija, S., Bešta-Gajević, R., Parić, A., & Ćavar Zeljković, S. (2021). Influence of Extraction Solvent on the Phenolic Profile and Bioactivity of Two Achillea Species. *Molecules*, *26*(6), 1601. https://doi.org/10.3390/molecules26061601

Kamarudin, N. A., Muhamad, N., Hakimah Nik Salleh, N. N., & Tan, S. C. (2021). Impact of Solvent Selection on Phytochemical Content, Recovery of Tannin and Antioxidant Activity of Quercus Infectoria Galls. *Pharmacognosy Journal*, *13*(5), 1195–1204. https://doi.org/10.5530/pj.2021.13.153

Kamilah, D., Elya, B., Adawiyah, R., & Silvyana, A. E. (2023). Senna Siamea Hexane Extract: Potent Antifungal Activity Against Candida albicans, Candida Krusei and Identification of Its Chemicals Content. *Pharmacognosy Journal*, *14*(6s), 999–1004. https://doi.org/10.5530/pj.2022.14.203

Kaur, S., Rajput, M. S., & Dhami, B. S. (2023). Prevalence of Candida Species Isolated from Immuno-Compromised Patients. *Journal of Pharmaceutical Research International*, *35*(14), 1–9. https://doi.org/10.9734/jpri/2023/v35i147369

Kementerian Kesehatan RI. 2017. Farmakope Herbal Indonesia Edisi II. Jakarta: Kementerian Kesehatan RI.

Kumalasari, E., & Sulistyani, N. (2011). *Aktivitas Antifungi Ekstrak EtanolBATANG Binahong (Anredera cordifolia (Tenore) Steen.) terhadapCandida albicans SERTA Skrining Fitokimia*. *1*(2).

Kumari, K., Adhikari, P., Pandey, A., Samant, S. S., Lal, M., & Pande, V. (2024). Influence of Solvent Polarity on Phytochemicals, Antioxidants, and Antimicrobial Properties of Delphinium denudatum: A Medicinal Herb from Sainj Valley, Himachal Pradesh, India. *Bioactivities*, *2*(1), 30–40. https://doi.org/10.47352/bioactivities.2963-654X.214

Kurniawati, E., Lestari, T. P., & Hardini, P. (2024). *Perbedaan Kadar Tanin Total Ekstrak Daun Turi (Sesbania grandiflora L.) Varietas Merah dan Putih Dengan Metode Spektrofotometri Uv-Vis*.

Kusnadi, K., & Devi, E. T. (2017). ISOLASI DAN IDENTIFIKASI SENYAWA FLAVANOID PADA EKSTRAK DAUN SELEDRI (Apium graveolens L.) DENGAN METODE REFLUKS. *PSEJ (Pancasakti Science Education Journal)*, *2*(1). https://doi.org/10.24905/psej.v2i1.675

Larasati, N. A., Indah, T., Marpaung, M. P., & Purnama, P. (2021). Pengaruh Jenis Pelarut Ekstrak Kecambah Kacang Hijau (Vigna radiata L.) Terhadap Staphylococcus aureus ATCC 25923, Escherichia coli ATCC 25922 dan Jamur Candida albicans ATCC 01231. *Farmasains : Jurnal Ilmiah Ilmu Kefarmasian*, *8*(2), 67–79. https://doi.org/10.22236/farmasains.v8i2.6216

Listina, O., Cahyanta, A. N., Rejeki, D. S., & Putrawan, F. S. (2023). Aktivitas Anti Jamur Senyawa Bioaktif Ekstrak Etil Asetat dan Metanol Daun Jeruk Purut (Cytrus Hystrix) terhadap Candida Albican. *Journal of Health Science Research*, *1*(1).

Liu, J., Wang, L., Sun, Y., Xiong, Y., Li, R., Sui, M., Gao, Z., Wang, W., Sun, H., & Dai, J. (2024). Antifungal Activity and Multi-Target Mechanism of Action of Methylaervine on Candida albicans. *Molecules*, *29*(18), 4303. https://doi.org/10.3390/molecules29184303

Liu, M., Tao, Y., Yang, Y., & Lei, Z. (2025). Structural Characterization of HyperCoal Extracts from the Depolymerization of Shengli Lignite Using NaOH/Methanol. *Processes*, *13*(6), 1821. https://doi.org/10.3390/pr13061821

Maheshwaran, L., Nadarajah, L., Senadeera, S. P. N. N., Ranaweera, C. B., Chandana, A. K., & Pathirana, R. N. (2024). Phytochemical Testing Methodologies and Principles for Preliminary Screening/ Qualitative Testing. *Asian Plant Research Journal*, *12*(5), 11–38. https://doi.org/10.9734/aprj/2024/v12i5267

Malinovská, Z., Čonková, E., & Váczi, P. (2023). Biofilm Formation in Medically Important Candida Species. *Journal of Fungi*, *9*(10), 955. https://doi.org/10.3390/jof9100955

Mandasari, S. A., Lestari, F., & Mulqie, L. (2021). *Studi Literatur Potensi Tanaman Suku Zingiberaceae Sebagai Antibakteri terhadap Shigella Dysenteriae*. *7*(2).

Mareno, R., Oktaviani, C. Z., & Husin, S. (2022). Analisis Korelasi Faktor Komunikasi Proyek Terhadap Pencapaian Kinerja Waktu Di Kota Banda Aceh. *Jurnal Arsip*

Rekayasa Sipil dan Perencanaan, *5*(1), 38–46. https://doi.org/10.24815/jarsp.v5i1.25284

Mba, I. E., & Nweze, E. I. (2020). Mechanism of Candida pathogenesis: Revisiting the vital drivers. *European Journal of Clinical Microbiology & Infectious Diseases*, *39*(10), 1797–1819. https://doi.org/10.1007/s10096-020-03912-w

Meigaria, K. M., Mudianta, I. W., & Martiningsih, N. W. (2016). *Skrining Fitokimia Dan Uji Aktivitas Antioksidan Ekstrak Aseton Daun Kelor (Moringa Oleifera)*. *10*.

Melvine, D., Marissa, D., Juniarti, L., Kartika, N., & Vicry, V. (2021). *Senyawa Alkohol dan Fenol*.

Meyok, G. Y., & Jasman, J. (2023). Uji Aktivitas Antijamur Minyak Kelapa Murni (Virgin Coconut Oil) Dan Minyak Kelapa Tradisional (Coconut Cooking Oil) pada Candida albicans. *Jurnal Beta Kimia*, *3*(1), 33–39. https://doi.org/10.35508/jbk.v3i1.11623

Moniruzzaman, M., Jinnah, M. M., Islam, S., Biswas, J., Al-Imran, Pramanik, M. J., Uddin, M. S., Saleh, M. A., & Zaman, S. (2022). Biological activity of Cucurbita maxima and Momordica charantia seed extracts against the biofilm-associated protein of Staphylococcus aureus: An in vitro and in silico studies. *Informatics in Medicine Unlocked*, *33*, 101089. https://doi.org/10.1016/j.imu.2022.101089

Mythili, Dr. P. M., & Kavitha, Dr. T. (2017). Overview on Cucurbita Maxima Seed. *IOSR Journal of Dental and Medical Sciences*, *16*(03), 29–33. https://doi.org/10.9790/0853-1603132933

Nawaz, H., Shad, M. A., Rehman, N., Andaleeb, H., & Ullah, N. (2020). Effect of solvent polarity on extraction yield and antioxidant properties of phytochemicals from bean (Phaseolus vulgaris) seeds. *Brazilian Journal of Pharmaceutical Sciences*, *56*, e17129. https://doi.org/10.1590/s2175-97902019000417129

Ng, Z. X., Samsuri, S. N., & Yong, P. H. (2020). The antioxidant index and chemometric analysis of tannin, flavonoid, and total phenolic extracted from medicinal plant foods with the solvents of different polarities. *Journal of Food Processing and Preservation*, *44*(9). https://doi.org/10.1111/jfpp.14680

Nicolás-García, M., Perucini-Avendaño, M., Jiménez-Martínez, C., Perea-Flores, M. D. J., Gómez-Patiño, M. B., Arrieta-Báez, D., & Dávila-Ortiz, G. (2021). Bean

phenolic compound changes during processing: Chemical interactions and identification. *Journal of Food Science*, *86*(3), 643–655. https://doi.org/10.1111/1750-3841.15632

Ningsih, A. W., Nurrosyidah, I. H., STIKES Rumah Sakit Anwar Medika, Departemen Biologi Farmasi, STIKES Rumah Sakit Anwar Medika, Hisbiyah, A., & STIKES Rumah Sakit Anwar Medika. (2018). Pengaruh Perbedaan Metode Ekstraksi Rimpang Kunyit (Curcuma domestica) Terhadap Rendemen dan Skrining Fitokimia. *Journal of Pharmaceutical-care Anwar Medika*, *2*(2), 49–57. https://doi.org/10.36932/jpcam.v2i2.27

Nobile, C. J., & Johnson, A. D. (2015). *Candida albicans* Biofilms and Human Disease. *Annual Review of Microbiology*, *69*(1), 71–92. https://doi.org/10.1146/annurev-micro-091014-104330

Nofita, D., & Dewangga, R. (2022). Optimasi Perbandingan Pelarut Etanol Air Terhadap Kadar Tanin pada Daun Matoa (Pometia pinnata J.R & G. Forst) Secara Spektrofotometri. *Chimica et Natura Acta*. https://doi.org/10.24198/cna.v9.n3.36768

Odabaş-Serin, Z., M.Hussein, A., & Taha, Z. B. (2020). Effect of Isatis spp. Extraction on the Growth of Aspergillus niger and Candida albicans. *Cihan University-Erbil Scientific Journal*, *4*(1), 85–89. https://doi.org/10.24086/cuesj.v4n1y2020.pp85-89

Peng, X., Sui, X., Li, J., Liu, T., & Yang, L. (2021). Development of a novel functionality for a highly efficient imidazole-based ionic liquid non-aqueous solvent system for the complete extraction of targ*et al*kaloids from Phellodendron amurense Rupr. Under ultrasound-assisted conditions. *Industrial Crops and Products*, *168*, 113596. https://doi.org/10.1016/j.indcrop.2021.113596

Pereira, J. V., Freires, I. A., Castilho, A. R., Da Cunha, M. G., Alves, H. D. S., & Rosalen, P. L. (2016). Antifungal potential of *Sideroxylon obtusifolium* and *Syzygium cumini* and their mode of action against *Candida albicans*. *Pharmaceutical Biology*, *54*(10), 2312–2319. https://doi.org/10.3109/13880209.2016.1155629

Pérez, M., Dominguez-López, I., & Lamuela-Raventós, R. M. (2023). The Chemistry Behind the Folin–Ciocalteu Method for the Estimation of (Poly)phenol Content in Food: Total Phenolic Intake in a Mediterranean Dietary Pattern. *Journal of Agricultural and Food Chemistry*, *71*(46), 17543–17553. https://doi.org/10.1021/acs.jafc.3c04022

Raal, A., Meos, A., Hinrikus, T., & Hein, J. (2020). *Dragendorff's reagent: Historical perspectives and current status of a versatile reagent introduced over 150 years ago at the University of Dorpat, Tartu, Estonia*.

Rahayu, S. T., Rolobessy, A., & Eden, Y. (2024). *Pengaruh Pelarut Terhadap Kadar Total Fenol dan Flavonoid Ekstrak Jahe Merah (Zingiber officinale Roscoe) Hasil Pengeringan dengan Dehidrator terhadap Aktivitas Antioksidan Menggunakan Metode DPPH*. *6*.

Rajashekar, C. B. (2023). Dual Role of Plant Phenolic Compounds as Antioxidants and Prooxidants. *American Journal of Plant Sciences*, *14*(01), 15–28. https://doi.org/10.4236/ajps.2023.141002

Ramadhani, S., Elya, B., & Forestrania, R. C. (2023). Aktivitas Anti-elastase dan Antioksidan dari Ekstrak Etanol Kayu Bangkal (Nauclea subdita) Korth. Steud. Dengan Variasi Metode Ekstraksi. *Jurnal Mandala Pharmacon Indonesia*, *9*(2), 228–243. https://doi.org/10.35311/jmpi.v9i2.347

Rao, A., Zhang, Y., Muend, S., & Rao, R. (2010). Mechanism of Antifungal Activity of Terpenoid Phenols Resembles Calcium Stress and Inhibition of the TOR Pathway. *Antimicrobial Agents and Chemotherapy*, *54*(12), 5062–5069. https://doi.org/10.1128/AAC.01050-10

Rasul, M. G. (2018). *Conventional Extraction Methods Use in Medicinal Plants, their Advantages and Disadvantages*. *2*(6).

Razak, A., & Lubis, M. (2020). *Uji Efektivitas Daya Hambat Pertumbuhan Jamur Dermatofita Oleh Ekstrak Buah Nanas*. *5*(4).

Razali, N., Mat-Junit, S., Abdul-Muthalib, A. F., Subramaniam, S., & Abdul-Aziz, A. (2012). Effects of various solvents on the extraction of antioxidant phenolics from the leaves, seeds, veins and skins of Tamarindus indica L. *Food Chemistry*, *131*(2), 441–448. https://doi.org/10.1016/j.foodchem.2011.09.001

Reckziegel, P., Dias, V. T., Benvegnú, D. M., Boufleur, N., Barcelos, R. C. S., Segat, H. J., Pase, C. S., Dos Santos, C. M. M., Flores, É. M. M., & Bürger, M. E. (2016). Antioxidant protection of gallic acid against toxicity induced by Pb in blood, liver and kidney of rats. *Toxicology Reports*, *3*, 351–356. https://doi.org/10.1016/j.toxrep.2016.02.005

Reichardt, C., & Welton, T. (2010). *Solvents and Solvent Effects in Organic Chemistry* (1st ed.). Wiley. https://doi.org/10.1002/9783527632220

Rezig, L., Chouaibi, M., Msaada, K., & Hamdi, S. (2012). Chemical composition and profile characterisation of pumpkin (Cucurbita maxima) seed oil. *Industrial Crops and Products*, *37*(1), 82–87. https://doi.org/10.1016/j.indcrop.2011.12.004

Richardson, J. P. (2022). Candida albicans: A Major Fungal Pathogen of Humans. *Pathogens*, *11*(4), 459. https://doi.org/10.3390/pathogens11040459

Rini, D. S., & Faisal, F. (2015). *Perbandingan Power of Test dari Uji Normalitas Metode Bayesian, Uji Shapiro-Wilk, Uji Cramer-von Mises, dan Uji Anderson-Darling*. *11*(2).

Ríos-López, A. L. (2024). Antifungal And Antivirulence Activity Of Tannic Acid Against Drug-Resistant Candida Species. *FARMACIA*, *72*(4), 946–956. https://doi.org/10.31925/farmacia.2024.4.23

Rodrigues, M. L. (2018). The Multifunctional Fungal Ergosterol. *mBio*, *9*(5), e01755-18. https://doi.org/10.1128/mBio.01755-18

Rokhana, & Nadia, R. A. (2024). *Uji Aktivitas Senyawa Anti Jamur Ektrak Daun Sirih Merah (Piper crocatum) Terhadap Jamur Candida albicans Penyebab Penyakit Keputihan.*

Saepudin, S.-. (2024). Skrining Fitokimia dari Tiga Tanaman Famili Asteraceae dengan Berbagai Pereaksi Kimia. *Parapemikir : Jurnal Ilmiah Farmasi*, *13*(3), 333–347. https://doi.org/10.30591/pjif.v13i3.7069

Salehi, B., Sharifi-Rad, J., Capanoglu, E., Adrar, N., Catalkaya, G., Shaheen, S., Jaffer, M., Giri, L., Suyal, R., Jugran, A. K., Calina, D., Oana Docea, A., Kamiloglu, S., Kregiel, D., Antolak, H., Pawlikowska, E., Sen, S., Acharya, K., Bashiry, M., … Cho, W. C. (2019). Cucurbita Plants: From Farm to Industry. *Applied Sciences*, *9*(16), 3387. https://doi.org/10.3390/app9163387

Salina, E. G., Ekins, S., & Makarov, V. A. (2019). A rapid method for estimation of the efficacy of potential antimicrobials in humans and animals by agar diffusion assay. *Chemical Biology & Drug Design*, *93*(6), 1021–1025. https://doi.org/10.1111/cbdd.13427

Sasadara, M. M. V., & Wiranata, I. G. (2022). Pengaruh Pelarut dan Metode Ekstraksi terhadap Kandungan Metabolit Sekunder dan Nilai IC50 Ekstrak Umbi Bit (Beta vulgaris L.). *Usadha*, *2*(1), 7–13. https://doi.org/10.36733/usadha.v2i1.5277

Sharma, A., Sharma, A. K., Chand, T., Khardiya, M., & Yadav, K. C. (2013). *Preliminary Phytochemical Evaluation of Seed Extracts of Cucurbita maxima Duchesne*.

Shen, L., Pang, S., Zhong, M., Sun, Y., Qayum, A., Liu, Y., Rashid, A., Xu, B., Liang, Q., Ma, H., & Ren, X. (2023). A comprehensive review of ultrasonic assisted extraction (UAE) for bioactive components: Principles, advantages, equipment, and combined technologies. *Ultrasonics Sonochemistry*, *101*, 106646. https://doi.org/10.1016/j.ultsonch.2023.106646

Sheskey, P. J., Cook, W. G., & Cable, C. G. (2017). *Handbook of pharmaceutical excipients* (8th ed). Pharmaceutical press American pharmacists association.

Singh, A., & Kumar, V. (2022). Nutritional, phytochemical, and antimicrobial attributes of seeds and kernels of different pumpkin cultivars. *Food Frontiers*, *3*(1), 182–193. https://doi.org/10.1002/fft2.117

Siswina, T., Miranti Rustama, M., Sumiarsa, D., & Kurnia, D. (2022). Phytochemical profiling of Piper crocatum and its antifungal activity as Lanosterol 14 alpha demethylase CYP51 inhibitor: A review. *F1000Research*, *11*, 1115. https://doi.org/10.12688/f1000research.125645.1

Sivareddy, B., Reginald, B., Sireesha, D., Samatha, M., Reddy, Kh., & Subrahamanyam, G. (2019). Antifungal activity of solvent extracts of Piper betle and Ocimum sanctum Linn on Candida albicans: An in vitro comparative study. *Journal of Oral and Maxillofacial Pathology*, *23*(3), 333. https://doi.org/10.4103/jomfp.JOMFP_167_19

Sophia, A., & Suraini. (2024). *Phyllanthus niruri. L Sebagai Antifungi Terhadap Pertumbuhan Jamur Candida albicans.*

Sulaiman, M., Jannat, K., Nissapatorn, V., Rahmatullah, M., Paul, A. K., De Lourdes Pereira, M., Rajagopal, M., Suleiman, M., Butler, M. S., Break, M. K. B., Weber, J.-F., Wilairatana, P., & Wiart, C. (2022). Antibacterial and Antifungal Alkaloids from Asian Angiosperms: Distribution, Mechanisms of Action, Structure-Activity, and Clinical Potentials. *Antibiotics*, *11*(9), 1146. https://doi.org/10.3390/antibiotics11091146

Suleman, I. F., Sulistijowati, R., Manteu, S. H., & Nento, W. R. (2022). Identifikasi Senyawa Saponin Dan Antioksidan Ekstrak Daun Lamun (Thalassia hemprichii). *Jambura Fish Processing Journal*, *4*(2), 94–102. https://doi.org/10.37905/jfpj.v4i2.15213

Susilawati, S., Anwar, C., Saleh, I., & Salni, S. (2023). Flavonoid as Anti-Candida Agents. *Indonesian Journal of Fundamental and Applied Chemistry*, *8*(2), 88–97. https://doi.org/10.24845/ijfac.v8.i2.88

Sy. Pakaya, M., Ain Thomas, N., Hasan, H., H. Hutuba, A., & Mbae, G. (2023). Isolasi, Karakterisasi, dan Uji Antioksidan Fungi Endofit dari Tanaman Batang Kunyit (Curcuma domestica Val.,). *Journal Syifa Sciences and Clinical Research*, *5*(2). https://doi.org/10.37311/jsscr.v5i2.20341

Szewczyk, K., Chojnacka, A., & Górnicka, M. (2021). Tocopherols and Tocotrienols—Bioactive Dietary Compounds; What Is Certain, What Is Doubt? *International Journal of Molecular Sciences*, *22*(12), 6222. https://doi.org/10.3390/ijms22126222

Takashima, M., & Sugita, T. (2022). *Taxonomy of Pathogenic Yeasts Candida, Cryptococcus, Malassezia, and Trichosporon: Current Status, Future Perspectives, and Proposal for Transfer of Six Candida Species to the Genus Nakaseomyces*. *63*(4).

Talapko, J., Juzbašić, M., Matijević, T., Pustijanac, E., Bekić, S., Kotris, I., & Škrlec, I. (2021). Candida albicans—The Virulence Factors and Clinical Manifestations of Infection. *Journal of Fungi*, *7*(2), 79. https://doi.org/10.3390/jof7020079

Tourabi, M., Faiz, K., Ezzouggari, R., Louasté, B., Merzouki, M., Dauelbait, M., Bourhia, M., Almaary, K. S., Siddique, F., Lyoussi, B., & Derwich, E. (2025). Optimization of extraction process and solvent polarities to enhance the recovery of phytochemical compounds, nutritional content, and biofunctional properties of Mentha longifolia L. extracts. *Bioresources and Bioprocessing*, *12*(1), 24. https://doi.org/10.1186/s40643-025-00859-8

Tripodo, G. (2018). *Application of different extraction techniques and HPLC-PDA-ESI/MS methods to the analysis of phenolic compounds in food samples*.

Trisia, A., Philyria, R., & Toemon, A. N. (2018). Uji Aktivitas Antibakteri Ekstrak Etanol Daun Kalanduyung (Guazuma ulmifolia Lam.) Terhadap Pertumbukan Staphylacoccus aureus dengan Metode Difusi Cakram (Kirby-Bauer). *Anterior Jurnal*, *17*(2), 136–143. https://doi.org/10.33084/anterior.v17i2.12

Tzanova, M., Atanasov, V., Yaneva, Z., Ivanova, D., & Dinev, T. (2020). Selectivity of Current Extraction Techniques for Flavonoids from Plant Materials. *Processes*, *8*(10), 1222. https://doi.org/10.3390/pr8101222

Usmadi, U. (2020). Pengujian Persyaratan Analisis (Uji Homogenitas Dan Uji Normalitas). *Inovasi Pendidikan*, *7*(1). https://doi.org/10.31869/ip.v7i1.2281

Venkatesan, T., Choi, Y.-W., & Kim, Y.-K. (2019). Impact of Different Extraction Solvents on Phenolic Content and Antioxidant Potential of *Pinus densiflora* Bark Extract. *BioMed Research International*, *2019*, 1–14. https://doi.org/10.1155/2019/3520675

Vidhya, C. S., Loganathan, M., Bhuvana, S., Baskaran, N., & Meenatchi, R. (2022). Evaluation of Phytochemicals and Anticancer Potential of *C. maxima*: An *In-silico* Molecular Docking Approach. *Journal of Natural Remedies*, 581–596. https://doi.org/10.18311/jnr/2022/29923

Vijayalakshmi, T., Dhanarajan, & Chandra. (2017). Analysis of Total Phenol, Cellulose and Tannin Content by Using Different Parameters in Ethanol Extract of Pomegranate Peel. *Texila International Journal Of Basic Medical Sciences*, *2*(2), 37–43. https://doi.org/10.21522/TIJBMS.2016.02.02.Art005

Wahyuni, R., & Rivai, H. (2014). *Pengaruh Cara Pengeringan Dengan Oven, Kering Angin Dan Cahaya Matahari Langsung Terhadap Mutu Simplisia Herba Sambiloto*. *6*(2).

Wenji, K. Y., Rukmi, I., & Suprihadi, A. (2019). In vitro Antifungal Activity of Methanolic and Chloroform Mint Leaves (Mentha piperita L.) Extracts Against Candida albicans. *Journal of Physics: Conference Series*, *1217*(1), 012136. https://doi.org/10.1088/1742-6596/1217/1/012136

Xuan Cuong, D., Xuan Hoan, N., Huu Dong, D., Thi Minh Thuy, L., Van Thanh, N., Thai Ha, H., Thi Thanh Tuyen, D., & Xuan Chinh, D. (2020). Tannins: Extraction from Plants. In A. Aires (Ed.), *Tannins—Structural Properties, Biological Properties and Current Knowledge*. IntechOpen. https://doi.org/10.5772/intechopen.86040

Yang, R.-F., Geng, L.-L., Lu, H.-Q., & Fan, X.-D. (2017). Ultrasound-synergized electrostatic field extraction of total flavonoids from Hemerocallis citrina baroni. *Ultrasonics Sonochemistry*, *34*, 571–579. https://doi.org/10.1016/j.ultsonch.2016.06.037

Yanti, & Akhri. (2022). Perbedaan Uji Korelasi Pearson, Spearman Dan Kendall Tau Dalam Menganalisis Kejadian Diare. *Jurnal Endurance*, *6*(1), 51–58. https://doi.org/10.22216/jen.v6i1.137

Yuliani, N. N., Sambara, J., & Mau, M. A. (2016). *Uji Aktivitas Antioksidan Fraksi Etilasetat Ekstrak Etanol Rimpang Jahe Merah.*

Zhang, Q. (2015). *Effects Of Extraction Solvents on Phytochemicals and Antioxidant Activities Of Walnut (Juglans regia L.) Green Husk Extracts.*

Zhang, Q.-W., Lin, L.-G., & Ye, W.-C. (2018). Techniques for extraction and isolation of natural products: A comprehensive review. *Chinese Medicine*, *13*(1), 20. https://doi.org/10.1186/s13020-018-0177-x

Zida, A., Bamba, S., Yacouba, A., Ouedraogo-Traore, R., & Guiguemdé, R. T. (2017). Anti- Candida albicans natural products, sources of new antifungal drugs: A review. *Journal de Mycologie Médicale*, *27*(1), 1–19. https://doi.org/10.1016/j.mycmed.2016.10.002