REFERENCES

Chesaria, N. & Syukur, M., 2018. Analisis Keragaan Cabai Rawit Merah (*Capsicum frutescens*) Lokal Asal Kediri dan Jember. *Buletin Agrohorti*, *6*(3), pp.388-396.

Couto, V.M., Vilela, F.C., Dias, D.F., Dos Santos, M.H., Soncini, R., Nascimento, C.G.O. & Giusti-Paiva, A., 2011. Antinociceptive Effect of Extract of *Emilia sonchifolia* in Mice. *Journal Of Ethnopharmacology*, 134(2), pp.348-353.

Damanik, D.D.P., Surbakti, N. & Hasibuan, R., 2014. Ekstraksi Katekin dari Daun Gambir (*Uncaria Gambir Roxb*) dengan Metode Maserasi. *Jurnal Teknik Kimia USU*, 3(2), pp.10-14.

Derr, J., Bastien, R., Couturier, É. and Douady, S., 2018. Fluttering of Growing Leaves as A Way to Reach Flatness: Experimental Evidence on *Persea americana*. *Journal of the Royal society interface*, *15*(138), p.20170595.

Essien, G.E., Nwidu, L.L. and Nwafor, P.A., 2009. Anti-Inflammatory and Analgesic Potential of Methanolic Extract of *Emilia sonchifolia* (Compositae) Leaves in Rodents. *African Journal of Biomedical Research*, 12(3), pp.199-207.

Fajriah, N., & Megawati, R., 2015. Skrining Fitokimia Daun *Emilia sonchifolia* dan Potensinya sebagai Sumber Senyawa Bioaktif. *Jurnal Ilmiah Farmasi*, 9(2), 33-41.

Fauziyah, N., Widyasanti, A., & Sutresna, Y., 2022. Kajian Pengaruh Konsentrasi Etanol Terhadap Karakteristik Oleoresin Ampas Jahe Merah (*Zingiber officinale Roscoe*) Limbah Penyulingan.

Hakim, A.R., & Saputri, R., 2020. Narrative Review: Optimization of Ethanol as a Solvent for Flavonoids and Phenolic Compounds. *Jurnal Surya Medika*, 6(1), pp.177-180.

Hammado, N. & Illing, I., 2015. Identifikasi Senyawa Bahan Aktif Alkaloid pada Tanaman Lahuna (*Eupatorium odoratum*). *Dinamika*, 4(2), pp. 6.

Hidayat, T.S., Rohdiana, D., & Fauziah, N., 2023. Uji Aktivitas Diuretik Ekstrak Etanol Daun *Emilia sonchifolia* pada Mencit Putih Galur *Swiss Webster*. *Jurnal Farmasi*, 11(2), pp.30-35.

Hsieh, C.H., Chen, H.W., Lee, C.C., He, B.J. and Yang, Y.C., 2015. Hepatotoxic Pyrrolizidine Alkaloids in *Emilia sonchifolia* from Taiwan. *Journal of Food Composition and Analysis*, *42*, pp.1-7.

Julianto, T.S., 2019. Fitokimia Tinjauan Metabolit Sekunder dan Skrining Fitokimia. *Yogyakarta: Universitas Islam Indonesia*.

Karina, Indrayani Y, Sirait SM. 2016. Kadar Tanin Biji Pinang (*Areca catechu* L) Berdasarkan Lama Pemanasan dan Ukuran Serbuk. *Jurnal hutan lestari*, 4(1), 119–127.

Keerthi, M., Lakshmi, P. J., Santhosh, A. M., & Rama, R. N. 2014. Review on Polyphenols as Natures Gift. *World Journal of Pharmacy and Pharmaceutical Sciences*, 3(4), pp. 445-455.

Kumar, D.G., Abdullah Mohd. Syafiq, A.M.S. & Yahaya Ruhaiyem, Y.R., 2015. Traditional Uses, Phytochemical and Pharmacological Aspects of *Emilia sonchifolia* (L.) DC. *Int. J. Res. Ayurveda Pharm*. 6(4), pp. 2.

Kumar, S., Malhotra, R. & Kumar, D., 2010. Euphorbia hirta: Its chemistry, traditional and medicinal uses, and pharmacological activities. *Pharmacognosy reviews*, *4*(7), pp.58.

Kusnadi & Devi, E.T., 2017. Isolasi dan Identifikasi Senyawa Flavanoid pada Ekstrak Daun Seledri (*Apium graveolens* L.) dengan Metode Refluks. *Pancasakti Science Education Journal*, 2(1), pp.56–67.

Maslukhah, Y.L., Widyaningsih, T.D., Waziiroh, E., Wijayanti, N. & Sriherfyna, F.H., 2015. Faktor Pengaruh Ekstraksi Cincau Hitam (*Mesona palustris bl*) Skala Pilot plant: kajian pustaka. *Jurnal Pangan dan Agroindustri*, 4(1), pp. 3.

Mierziak, J., Kostyn, K., & Kulma, A. 2014. Flavonoids as Important Molecules of Plant Interactions with The Environment. *Molecules*, 19(10), pp. 16240-16265.

Nabillah, A.Z. & Chatri, M., 2024. Peranan Senyawa Metabolit Sekunder untuk Pengendalian Penyakit pada Tanaman. *Jurnal Pendidikan Tambusai*, *8*(1), pp.15900-15911.

Nawaz, H., Shad, M.A., Rehman, N., Andaleeb, H. and 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*, p.e17129.

Neethu, V. & Gangaprasad, A., 2018. Preliminary Phytochemical Screening and Antioxidant Activity of *Emilia sonchifolia* (L.) DC., a member of 'Dashapushpa'. *International Journal of Research and Analytical Reviews*, 5(4), pp.2348-1269.

Nurhasanah, D., Ulvia, R. and Junita, F., 2024. The Effect of Ethanol Concentration Variations on The Total Phenolic and Flavonoid Levels of *Bauhinia purpurea* L . Leaf Extract. 4(2), pp.79–87.

Raal, A., Meos, A., Hinrikus, T., Heinämäki, J., Romāne, E., Gudienė, V., Koshovyi, O., Kovaleva, A., Fursenco, C., Chiru, T. and Nguyen, H.T., 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. *Die Pharmazie-An International Journal of Pharmaceutical Sciences*, *75*(7), pp.299-306.

Rachmawati, R.A., Wisaniyasa, N.W. & Suter, I.K., 2020. Pengaruh Jenis Pelarut Terhadap Aktivitas Antioksidan Ekstrak Meniran (*Phyllanthus niruri* L.). *Jurnal Itepa*, 9(4), pp.458-467.

Riwanti, P., Izazih, F., & Amaliyah, A. 2020. Pengaruh Perbedaan Konsentrasi Etanol pada Kadar Flavonoid Total Ekstrak Etanol 50, 70 dan 96% *Sargassum polycystum* dari Madura. *Journal of Pharmaceutical Care Anwar Medika (J-PhAM)*, 2(2), 82-95.

Salim, N., Nadya, W., Aabdousse, J., Oussif, I. and Hamamouch, N., 2024. Effect of provenance on leaf morphological traits and secondary metabolite levels in leaf extracts of Myrtle (*Myrtus communis* L.) in Morocco. *Australian Journal of Crop Science*, *18*(3), pp.130-138.

Septiana, R. & Asnaini, N., 2012. Pengaruh Jenis Pelarut terhadap Ekstraksi Senyawa Aktif pada Daun Buah Lemon. *Jurnal Ilmu Pertanian.*

Sila, V.U.R., Masing, F.A. and Santiari, M., 2022. Identifikasi dan karakterisasi senyawa metabolit sekunder tumbuhan endemik asal Desa Fatunisuan Kabupaten Timor Tengah Utara. *JST (Jurnal Sains dan Teknologi)*, 11(1), pp.184-191.

Silalahi, M. 2015. *Penuntun Praktikum Morfologi Tumbuhan*. Jakarta: Universitas Kristen Indonesia, pp. 105.

Shylesh, B.S. & Padikkala, J., 2000. In Vitro Cytotoxic and Antitumor Property of *Emilia sonchifolia* (L.) DC in Mice. *Journal of Ethnopharmacology*, 73(3), pp.495-500.

Sophia, D., Ragavendran, P., Raj, C. A., & Gopalakrishnan, V. K. (2012). Protective Effect of *Emilia Sonchifolia* (L.) Against High Protein Diet Induced Oxidative Stress In Pancreas Of Wistar Rats. *Journal of pharmacy & bioallied sciences*, 4(1), 60–65.

Sulasmi, E.S., Wuriana, Z.F., Sari, M.S. and Suhadi, S., 2018. Analisis Kualitatif Kandungan Senyawa Aktif (Flavonoid, Alkaloid, Polifenol, Saponin, Terpenoid dan Tanin) pada Ekstrak Metanol Daun dan Rhizoma *Phymatodes scolopendria* (Burm.) Ching di Taman Nasional Baluran. *Prosiding Seminar Nasional Hayati*, 6(1), pp. 121-128.

Susanty, S. & Bachmid, F., 2016. Perbandingan Metode Ekstraksi Maserasi dan Refluks Terhadap Kadar Fenolik dari Ekstrak Tongkol Jagung (*Zea mays* L.). *Jurnal Konversi*, 5(2), pp.87-92.

Theodora, C.T., Gunawan, I.W.G. and Swantara, I.M.D., 2019. Isolasi dan Identifikasi Golongan Flavonoid pada Ekstrak Etil Asetat Daun Gedi (*Abelmoschus manihot* L.). *Jurnal Kimia*, 13(2), pp.131.

Upadhyay, R., Saini, R., & Singh, R., 2021. Role of Secondary Metabolites in Plant Defense Mechanisms: A Molecular Perspective. *Frontiers in Plant Science*, 12, pp.621276.

Whiting, D., Roll, M. and Vickerman, L., 2017. *CMG GardenNotes #134: Plant Structures: Leaves*. Colorado State University Extension.

Wijaya, H., Novitasari, N. and Jubaidah, S., 2018. Perbandingan metode ekstraksi terhadap rendemen ekstrak daun rambai laut (*Sonneratia caseolaris* L. Engl). *Jurnal ilmiah manuntung*, *4*(1), pp.79-83.

Wink, M., 2010. Functions of Plant Secondary Metabolites and Their Exploitation in Biotechnology. *In: Schrader, J. and Bohlmann, J. (eds.) Biotechnology of Isoprenoids.* Vol 3. Berlin: Springer, pp. 137.

Yang, Y., Zhang, Y., & Li, X., 2018. Linking Plant Secondary Metabolites and Plant Microbiomes: A Review. *Frontiers in Plant Science*, 9, p.621.

Yanti, S. & Vera, Y., 2019. Skrining Fitokimia Ekstrak Daun Belimbing Wuluh (*Averrhoa bilimbi*). *Jurnal Kesehatan Ilmiah Indonesia (Indonesian Health Scientific Journal)*, 4(1), pp.41-46.

Yuniarifin, H, Bintoro VP, Suwarastuti A. 2006. Pengaruh Berbagai Konsentrasi Asam Fosfat pada Proses Perendaman Tulang Sapi terhadap Rendemen, Kadar Abu dan Viskositas Gelatin. *Journal Indon Trop Anim Agric*, 31(1) : 55- 61.

Zhang, L., Du, J., Ge, X., Cao, D. and Hu, J., 2021. Leaf size development differences and comparative transcriptome analyses of two poplar genotypes. *Genes*, *12*(11), p.1775.

Zirconia, A., Kurniasih, N. & Amalia, V., 2015. Identifikasi Senyawa Flavonoid dari Daun Kembang Bulan (*Tithonia diversifolia*) dengan Metode Pereaksi Geser. *al Kimiya: Jurnal Ilmu Kimia dan Terapan*, 2(1), pp.9-17.