

DAFTAR PUSTAKA

- Abeyrathne, E. D. N. S., Nam, K., Huang, X., & Ahn, D. U. (2022). Plant-and Animal-Based Antioxidants' Structure, Efficacy, Mechanisms, and Applications: A Review. In *Antioxidants* (Vol. 11, Issue 5). MDPI. <https://doi.org/10.3390/antiox11051025>
- Aisha, A. F. A., Ismail, Z., Abu-Salah, K. M., Siddiqui, J. M., Ghafar, G., & Abdul Majid, A. M. S. (2013). Syzygium campanulatum korth methanolic extract inhibits angiogenesis and tumor growth in nude mice. *BMC Complementary and Alternative Medicine*, 13. <https://doi.org/10.1186/1472-6882-13-168>
- Anggraini, T. (2017). Antioxidant activity of Syzygium oleana. *Pakistan Journal of Nutrition*, 16(8), 605–611.
- Anggraito, Y. U., Susanti, R., Iswari, R. S., Yuniastuti, A., Nugrahaningsih, W. H., Habibah, N. A., Bintari, S. H., & Dafip, M. (2018). Metabolit sekunder dari tanaman: aplikasi dan produksi. *Fakultas Matematika Dan Ilmu Pengetahuan Alam, Universitas Negeri Semarang (UNNES), Semarang*.
- Aripasha, A. (2016). EFEK DEKOK DAUN PULUTAN (*Urena lobata*) TERHADAP KADAR SOD (*Superoxyde dismutase*) DAN MDA (*Malondialdehyde*) SERUM TIKUS MODEL DIABETES MELLITUS TIPE II. <https://api.semanticscholar.org/CorpusID:134852805>
- Bakti, A. A., Triyasmono, L., & Rizki, M. I. (2017). Penentuan kadar flavonoid total dan uji antioksidan ekstrak etanol daun kasturi (*Mangifera casturi* Kosterm.) dengan metode DPPH. *Jurnal Pharmascience*, 4(1).
- Banjarnahor, S. D. S., & Artanti, N. (2015). Antioxidant properties of flavonoids. *Medical Journal of Indonesia*, 23(4). <https://doi.org/10.13181/mji.v23i4.1015>
- Barton, B., & Peat, J. (2014). *Medical statistics: A guide to SPSS, data analysis and critical appraisal*. John Wiley & Sons.
- Bendary, E., Francis, R. R., Ali, H. M. G., Sarwat, M. I., & El Hady, S. (2013). Antioxidant and structure–activity relationships (SARs) of some phenolic and anilines compounds. *Annals of Agricultural Sciences*, 58(2), 173–181. <https://doi.org/10.1016/j.aoas.2013.07.002>
- Berrouet, C., Dorilas, N., Rejniak, K. A., & Tuncer, N. (2020). Comparison of Drug Inhibitory Effects (IC 50) in Monolayer and Spheroid Cultures. *Bulletin of Mathematical Biology*, 82(6). <https://doi.org/10.1007/s11538-020-00746-7>
- Cambaba, & Kasi. (2022). KARAKTERISTIK STOMATA DAUN PUCUK MERAH (*Syzygium oleana*). *Cokroaminoto Journal of Biological Science*, 4(1), 19–25.
- Celestino, M. T., De Oliveira Magalhães, U., Guerra, A., Fraga, M., Almada Do Carmo, F., Lione, V., Castro, H. C., Pereira De Sousa, V., Rodrigues, C. R., Mendes Cabral, L., Celestino, M. T., Magalhães, U. O., Fraga, A. G. M., Carmo, F. A., Lione, V., Castro, H. C., Sousa, V. P., Rodrigues, C. R., & Cabral, L. M. (2012). Rational use of antioxidants in solid oral pharmaceutical preparations. In *Article Brazilian Journal of Pharmaceutical Sciences* (Vol. 48, Issue 3).

- Chaaban, H., Ioannou, I., Chebil, L., Slimane, M., Gérardin, C., Paris, C., Charbonnel, C., Chekir, L., & Ghoul, M. (2017). Effect of heat processing on thermal stability and antioxidant activity of six flavonoids. *Journal of Food Processing and Preservation*, 41(5). <https://doi.org/10.1111/jfpp.13203>
- Chandra, J. P., Yuwono, E. C., & Mardiono, B. (2017). Perancangan Buku Interaktif Pengenalan dan Pemanfaatan Tanaman Obat Tradisional Menjadi Minuman Teh Herbal. *Jurnal DKV Adiwarna*, 1(10), 11.
- Chong, Y.-K., & Nyam, K. (2021). Effect of brewing time and temperature on the physical properties, antioxidant activities and sensory of the kenaf leaves tea. *Journal of Food Science and Technology*, 59. <https://doi.org/10.1007/s13197-021-05034-3>
- Departemen Kesehatan RI. (2017). *FARMAKOPE HERBAL INDONESIA EDISI II 2017 KEMENTERIAN KESEHATAN REPUBLIK INDONESIA 615.1 Ind f.*
- Dewata, I. P., Wipradnyadewi, P. A. S., & Widarta, I. W. R. (2017). Pengaruh suhu dan lama penyeduhan terhadap aktivitas antioksidan dan sifat sensoris teh herbaldan alpukat (Persea americana Mill.). *Jurnal ITEPA Vol*, 6(2).
- Dewi, I. S., Saptawati, T., & Rachma, F. A. (n.d.). *Skrining Fitokimia Ekstrak Etanol Kulit dan Biji Terong Belanda (Solanum betaceum Cav.) Phytochemical Screening of Tamarillo Peel and Seeds Ethanol Extracts (Solanum Betaceum Cav.)*.
- Djohan, H., & Sugito, S. (2018). JURNAL LABORATORIUM KHATULISTIWA
- Daya Hambat Air Perasan Daun Pucuk Merah (*Syzygium oleana*) Terhadap Pertumbuhan Bakteri *Staphylococcus aureus*. In *JLK* (Vol. 2, Issue 1).
- Endarini, L. H. (2016). Farmakognosi dan fitokimia. *Jakarta: Pusdik SDM Kesehatan*, 215.
- Fajar, R. I., Wrsiati, L. P., & Suhendra, L. (2018). Kandungan senyawa flavonoid dan aktivitas antioksidan ekstrak teh hijau pada perlakuan suhu awal dan lama penyeduhan. *Jurnal Rekayasa Dan Manajemen Agroindustri ISSN*, 6(3), 197.
- Flieger, J., Flieger, W., Baj, J., & Maciejewski, R. (2021). Antioxidants: Classification, natural sources, activity/capacity measurements, and usefulness for the synthesis of nanoparticles. In *Materials* (Vol. 14, Issue 15). MDPI AG. <https://doi.org/10.3390/ma14154135>
- Gendrisch, F., Esser, P. R., Schempp, C. M., & Wölflé, U. (2021). Luteolin as a modulator of skin aging and inflammation. In *BioFactors* (Vol. 47, Issue 2, pp. 170–180). Blackwell Publishing Inc. <https://doi.org/10.1002/biof.1699>
- Habibi, A. I., Firmansyah, R. A., & Setyawati, S. M. (2018). Skrining fitokimia ekstrak neheksan korteks batang Salam (*Syzygium polyanthum*). *Indonesian Journal of Chemical Science*, 7(1), 1–4.
- Halim, Y., & Maryani. (2022). Functional and sensory properties of Indonesian bay leaf (*Syzygium polyanthum*) herbal tea. *Food Research*, 6(2), 25–33. [https://doi.org/10.26656/fr.2017.6\(2\).174](https://doi.org/10.26656/fr.2017.6(2).174)
- Harun, N., Efendi, R., & Simanjuntak, L. (2014). Penerimaan panelis terhadap teh herbal

Ramdhan Shobirin, 2024

PENGARUH WARNA DAUN DAN VARIASI SUHU PENYEDUHAN TERHADAP AKTIVITAS ANTIOKSIDAN THE DAUN PUCUK MERAH (*Syzygium myrtifolium* Walp.)

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[www.upnvj.ac.id-www.library.upnvj.ac.id-www.repository.upnvj.ac.id]

- dari kulit buah manggis (*Garcinia mangostana* L.) dengan perlakuan suhu pengeringan. *Sagu*, 13(2), 7–18.
- Haryati, N. A., & Saleh, C. (2016). Uji toksisitas dan aktivitas antibakteri ekstrak daun merah tanaman pucuk merah (*Syzygium myrtifolium* Walp.) terhadap bakteri *Staphylococcus aureus* dan *Escherichia coli*. *Jurnal Kimia Mulawarman*, 13(1).
- Ioannou, I., Chekir, L., & Ghoul, M. (2020). Effect of heat treatment and light exposure on the antioxidant activity of flavonoids. *Processes*, 8(9). <https://doi.org/10.3390/pr8091078>
- Jolkili, M., Shaari, A., & Abdul Razak, N. (2018). Effect of leaf maturity and drying temperature on total phenolic content of *Cassia alata*. In *AIP Conference Proceedings* (Vol. 2030). <https://doi.org/10.1063/1.5066762>
- Jumiarni, W. O., & Komalasari, O. (2017). Eksplorasi jenis dan pemanfaatan tumbuhan obat pada masyarakat Suku Muna di Permukiman Kota Wuna. *Traditional Medicine Journal*, 22(1), 45–56.
- Kartika, L., Ardana, M., & Rusli, R. (2020). Aktivitas Antioksidan Tanaman *Artocarpus*. *Proceeding of Mulawarman Pharmaceuticals Conferences*, 12(1), 237–244. <https://doi.org/10.25026/mpc.v12i1.432>
- Khafidhoh, Z., Dewi, S. S., & Iswara, A. (2015). Efektivitas infusa kulit jeruk purut (*Citrus hystrix* DC.) terhadap pertumbuhan *Candida albicans* penyebab sariawan secara *in vitro*.
- Kusriani, R. H., Rosandhy, S. M., & Elfahmi, E. (2019). Luteolin, a flavonoid from *Syzygium myrtifolium* Walp. *Current Research on Biosciences and Biotechnology*, 1(1), 31–33. <https://doi.org/10.5614/crbb.2019.1.1/FKAN4064>
- Kusumawati, I. G. A. W., Reyunika, I. N., Yogeswara, I. B. A., Mustika, I. G., Putra, I. M. W. A., Santoso, U., & Marsono, Y. (2019). Effect of loloh sembung (*Blumea balsamifera*) maturity stage on antioxidant activity. *Jurnal Gizi Dan Dietetik Indonesia (Indonesian Journal of Nutrition and Dietetics)*, 6(1), 1–6.
- Liem, J. L., Marina, M., 1*, H., Agroteknologi, P., Pertanian, F., Bisnis, D., Kristen, U., Wacana, S., & Penulis, K. (2021). PENGARUH UMUR DAUN TEH DAN WAKTU OKSIDASI ENZIMATIS TERHADAP KANDUNGAN TOTAL FLAVONOID PADA TEH HITAM (*Camellia sinesis*) EFFECT OF TEA LEAVES AGE AND ENZYMATIC OXIDATION FOR TOTAL FLAVONOID CONTENTS IN BLACK TEA (*Camellia sinesis*). *Jurnal Teknik Pertanian Lampung*, 10(1), 41–48. <https://doi.org/10.23960/jstep-l.v10.i1.41-48>
- Maflahah, I., Asfan, D., & Radhitya, S. (2023). Analysis of Antioxidant Content of Fortified Moringa Salt during Storage. *Saudi Journal of Engineering and Technology*, 8, 226–230. <https://doi.org/10.36348/sjet.2023.v08i09.002>
- Mahato, R. I., & Narang, A. S. (2017). *Pharmaceutical Dosage Forms and Drug Delivery: Revised and Expanded*. CRC Press.
- Masrifah, M., Rahman, N., & Abram, P. H. (2017). Uji aktivitas antioksidan ekstrak daun dan kulit labu air (*Lagenaria siceraria* (Molina) Standl.). *Jurnal Akademika Kimia*, 6(2), 98–106.

Ramdhan Shobirin, 2024

PENGARUH WARNA DAUN DAN VARIASI SUHU PENYEDUHAN TERHADAP AKTIVITAS ANTIOKSIDAN THE DAUN PUCUK MERAH (*Syzygium myrtifolium* Walp.)

UPN Veteran Jakarta, Fakultas Kedokteran, S1 Farmasi

[www.upnvj.ac.id-www.library.upnvj.ac.id-www.repository.upnvj.ac.id]

- Mauldyda, C. E., Yuniarti, R., Dalimunthe, G. I., & Nasution, H. M. (2023). ANALISIS AKTIVITAS ANTIOKSIDAN TEH DAUN JAMBLANG (Syzygium Cumini (L.) Skeels) DENGAN METODE DPPH (1, 1-Diphenyl-2-Picrylhydrazyl). *FARMASAINKES: JURNAL FARMASI, SAINS, Dan KESEHATAN*, 2(2), 189–200.
- MM, P. D., & Sofian, I. (2008). *Metode Penelitian Kuantitatif*. Surabaya: Zifatama Publishing.
- Molyneux, P. (2003). *The use of the stable radical Diphenylpicrylhydrazyl (DPPH) for estimating antioxidant activity*. 26.
- Munteanu, I. G., & Apetrei, C. (2021). Analytical methods used in determining antioxidant activity: A review. In *International Journal of Molecular Sciences* (Vol. 22, Issue 7). MDPI AG. <https://doi.org/10.3390/ijms22073380>
- Muruganathan, N., Dhanapal, A. R., Baskar, V., Muthuramalingam, P., Selvaraj, D., Aara, H., Abdullah, M. Z. S., & Sivanesan, I. (2022). Recent Updates on Source, Biosynthesis, and Therapeutic Potential of Natural Flavonoid Luteolin: A Review. In *Metabolites* (Vol. 12, Issue 11). MDPI. <https://doi.org/10.3390/metabo12111145>
- Musri, M., Safrida, S., Viqqi, K., & Erlidawati, E. (2017). Evaluation of antihyperglycemia property from Syzygium oleana (Magnoliopsida: Myrtaceae) pericarp. *Res. J. Med. Plants*, 11, 100–106.
- Muthmainnah, B. (2019). Skrining fitokimia senyawa metabolit sekunder dari ekstrak etanol buah delima (Punica granatum L.) dengan metode uji warna. *Media Farmasi*, 13(2), 36–41.
- Nguyen, Q. V., & Chuyen, H. Van. (2020). Processing of herbal tea from roselle (Hibiscus sabdariffa L.): Effects of drying temperature and brewing conditions on total soluble solid, phenolic content, antioxidant capacity and sensory quality. *Beverages*, 6(1), 1–11. <https://doi.org/10.3390/beverages6010002>
- Nugrahani, R., Andayani, Y., & Hakim, A. (2016). SKRINING FITOKIMIA DARI EKSTRAK BUAH BUNCIS (Phaseolus vulgaris L) DALAM SEDIAAN SERBUK. *Jurnal Penelitian Pendidikan IPA*, 2. <https://doi.org/10.29303/jppipa.v2i1.38>
- Nuryadi, N., Astuti, T. D., Sri Utami, E., & Budiantara, M. (2017). *Dasar-Dasar Statstik Penelitan*. Sibuku Media.
- Olszowy-Tomczyk, M. (2021). How to express the antioxidant properties of substances properly? *Chemical Papers*, 75, 6157–6167.
- Panda, S. K. (2012). Assay guided comparison for enzymatic and non-enzymatic antioxidant activities with special reference to medicinal plants. *Antioxidant Enzyme*, 14, 382–400.
- Prayoga, D. G. E., Nocianitri, K. A., & Puspawati, N. N. (2019). Identifikasi senyawa fitokimia dan aktivitas antioksidan ekstrak kasar daun pepe (Gymnema reticulatum Br.) pada berbagai jenis pelarut. *Jurnal Ilmu Dan Teknologi Pangan*, 8(2), 111–121.

Ramdhan Shobirin, 2024

PENGARUH WARNA DAUN DAN VARIASI SUHU PENYEDUHAN TERHADAP AKTIVITAS ANTIOKSIDAN THE DAUN PUCUK MERAH (Syzygium myrtifolium Walp.)

UPN Veteran Jakarta, Fakultas Kedokteran, S1 Farmasi

[www.upnvj.ac.id-www.library.upnvj.ac.id-www.repository.upnvj.ac.id]

- Putra, I. W. E. P., Wrasati, L. P., & Wartini, N. M. (2020). Pengaruh Suhu Awal dan Lama Penyeduhan terhadap Karakteristik Sensoris dan Warna Teh Putih Silver Needle (*Camellia assamica*) Produksi PT. Bali Cahaya Amerta. *Jurnal Rekayasa Dan Manajemen Agroindustri ISSN, 2503*, 488X.
- Ramešová, Š., Sokolová, R., Tarábek, J., & Degano, I. (2013). The oxidation of luteolin, the natural flavonoid dye. *Electrochimica Acta, 110*, 646–654. <https://doi.org/10.1016/j.electacta.2013.06.136>
- Ravikumar, C. (2014). Review on herbal teas. *Journal of Pharmaceutical Sciences and Research, 6*(5), 236.
- Rohdiana, D. (2015). Teh: proses, karakteristik dan komponen fungsionalnya. *Food Review Indonesia, 10*(8), 34–37.
- Santi, I., Amirah, S., & Andriani, I. (2022). SOSIALISASI PEMBUATAN TEH HERBAL DALAM KEMASAN TEH CELUP PADA KELOMPOK PKK KALABBIRANG, KABUPATEN TAKALAR. *Dharmakarya, 11*(1), 22. <https://doi.org/10.24198/dharmakarya.v11i1.32667>
- Saragih, F. J., Suter, I. K., & Yusasrini, N. L. A. (2021). Aktivitas Antioksidan Dan Sifat Sensoris Teh Herbal Celup Kulit Anggur (*Vitis vinifera* L.) Pada Suhu Dan Waktu Pengeringan. *Itepa: Jurnal Ilmu Dan Teknologi Pangan, 10*(3), 424–435.
- Sari, P., Fitriyah, N. E. A., Kuswardhani, N., Niken, W. P., & Maryanto. (2019). Antioxidative and Sensory Properties of Tea Made from Jambolan (*Syzygium cumini*) Fruit Peel. *IOP Conference Series: Earth and Environmental Science, 347*(1). <https://doi.org/10.1088/1755-1315/347/1/012085>
- Sehwag, S., & Das, M. (2013). Antioxidant activity: an overview. *J. Food Sci. Technol, 2*(3), 1–11.
- Setiawan, F., Yunita, O., & Kurniawan, A. (2018). Uji Aktivitas Antioksidan Ekstrak Etanol Kayu Secang (*Caesalpinia sappan*) Menggunakan Metode DPPH, ABTS, dan FRAP. In *Media Pharmaceutica Indonesiana* (Vol. 2, Issue 2).
- Shakeel, F., Haq, N., Alshehri, S., Ibrahim, M. A., Elzayat, E. M., Altamimi, M. A., Mohsin, K., Alanazi, F. K., & Alsarra, I. A. (2018). Solubility, thermodynamic properties and solute-solvent molecular interactions of luteolin in various pure solvents. *Journal of Molecular Liquids, 255*, 43–50. <https://doi.org/10.1016/J.MOLLIQ.2018.01.155>
- Soehendro, A. W., Manuhara, G. J., & Nurhartadi, E. (2015). Pengaruh Suhu Terhadap Aktivitas Antioksidan Dan Antimikrobia Ekstrak Biji Melinjo (*Gnetum Gnemon* L.) Dengan Pelarut Etanol Dan Air. *Jurnal Teknosains Pangan, 4*(4).
- Sonji, G., Assi, M., Sonji, N., Boukhary, R., & Rahal, M. (2022). Antioxidant activity, metal content, and essential oil composition of two desert truffle species: *Terfezia boudieri* and *Terfezia clavaryi*. *Research Journal of Pharmacognosy and Phytochemistry, 11*, 10–19. <https://doi.org/10.22271/phyto.2022.v11.i4a.14438>
- Sri Sulasmi, E., Saptasari, M., Mawaddah, K., & Ama Zulfia, F. (2019). Tannin Identification of 4 Species Pteridophyta from Baluran National Park. *Journal of Physics: Conference Series, 1241*(1), 012002. <https://doi.org/10.1088/1742->

Ramdhan Shobirin, 2024

PENGARUH WARNA DAUN DAN VARIASI SUHU PENYEDUHAN TERHADAP AKTIVITAS ANTIOKSIDAN THE DAUN PUCUK MERAH (*Syzygium myrtifolium* Walp.)

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[www.upnvj.ac.id-www.library.upnvj.ac.id-www.repository.upnvj.ac.id]

6596/1241/1/012002

- Suardi, S. (2019). Pengaruh Kepuasan Kerja Terhadap Kinerja Pegawai Pada Pt Bank Mandiri, Tbk Kantor Cabang Pontianak. *Business, Economics and Entrepreneurship*, 1(2), 9–19.
- Sukweenadhi, J., Setiawan, F., Yunita, O., Kartini, K., & Avanti, C. (2020). Antioxidant activity screening of seven Indonesian herbal extract. *Biodiversitas*, 21(5), 2062–2067.
- Wenas, D. M., Meilani, P. A., & Herdini, H. (2022). Uji Antioksidan Infusa Daun berwarna Merah dan Hijau dari Pucuk Merah (*Syzygium Myrtifolium* Walp.) dengan Metode DPPH. *JUSTE (Journal of Science and Technology)*, 3(1), 11–23.
- Widana, I. W., & Muliani, N. P. L. (2020). Uji persyaratan analisis. Klik Media. Wu, Z., Ameer, K., Hu, C., Bao, A., Wang, R., Tang, W., Chaudhary, N., & Jiang, G. (2022). Particle size of yam flour and its effects on physicochemical properties and bioactive compounds. *Food Science and Technology (Brazil)*, 42. <https://doi.org/10.1590/fst.43921>
- Xiao, F., Xu, T., Lu, B., & Liu, R. (2020). Guidelines for antioxidant assays for food components. In *Food Frontiers* (Vol. 1, Issue 1, pp. 60–69). John Wiley and Sons Inc. <https://doi.org/10.1002/fft2.10>
- Yashin, A., Yashin, Y., Xia, X., & Nemzer, B. (2017). Antioxidant activity of spices and their impact on human health: A review. *Antioxidants*, 6(3), 70.
- Youssef, M. M., Moharram, H. A., & Youssef, M. M. (2014). Methods for Determining the Antioxidant Activity: A Review probiotic properties of lactic acid bacteria View project Methods for Determining the Antioxidant Activity: A Review. In *Alex. J. Fd. Sci. & Technol* (Vol. 11, Issue 1). <https://www.researchgate.net/publication/274669600>

Ramdhan Shobirin, 2024

PENGARUH WARNA DAUN DAN VARIASI SUHU PENYEDUHAN TERHADAP AKTIVITAS ANTIOKSIDAN THE DAUN PUCUK MERAH (*Syzygium myrtifolium* Walp.)

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