

## DAFTAR PUSTAKA

- Adri, D., dan Hersoelistyorini, W. 2013. Aktivitas dan Sifat Organoleptik Teh Daun Sirsak (*Annona muricata Linn*) Berdasarkan Variasi Lama Pengeringan. *Jurnal Pangan dan Gizi*, 4(7): 1-12.
- Alfian, R., Susanti, H. 2012. Penetapan Kadar Fenolik Total Ekstrak Metanol Kelopak Bunga Rosella Merah (*Hibiscus sabdariffa Linn*) dengan Variasi Tempat Tumbuh Secara Spektrofotometri. *Jurnal Ilmiah Kefarmasian*, 2(1): 73-80.
- Anjarsari, D. 2016. Katekin Teh Indonesia: Prospek dan Manfaatnya. *Jurnal Kultivasi*, 15 (20): 99-106.
- Anggorowati, D. A., Priandini, G., dan Thufail. 2016. Potensi Daun Alpukat (*Persea Americana Miller*)sebagai Minuman Teh Herbal yang Kaya Antioksidan. *Industri Inovatif Jurnal Teknik Industri*, 6(1): 1-7.
- Andriani, D., dan Murtiswi, L. 2018. Penetapan Kadar Fenolik Total Ekstrak Etanol Bunga Telang (*Clitoria Ternatea L.*) dengan Spektrofotmetri UV VIS. *Cendekia Journal of Pharmacy*, 2(1): 32-91.
- Astuti, R. D. 2012. Evaluasi Suhu Penyeduhan Terhadap Aktivitas Antioksidan Teh Rosella (*Hibiscus Sabdariffa*). *Jurnal Teknologi Pangan*, 6(2): 1-12
- Baba, R., & Kumazawa, K. 2014. Characterization of the potent odorants contributing to the characteristic aroma of Chinese green tea infusions by aroma extract dilution analysis. *Journal of Agricultural and Food Chemistry*, 62(33), 8308–8313.
- Badan Pusat Statistik Jakarta Pusat. 2018. Statistik Teh Indonesia. Jakarta Pusat: Badan Pusat Statistik.
- Badarinath, A., Rao, K., Chetty C.S., Ramkanth, S., Rajan, T., dan Gnanaprakash K. A. 2010. Review on In-vitro Antioxidant Methods:Comparisons, Correlations, and Considerations. *International Journal of PharmTech Research*, 2(2): 1276-1285.
- Chandrasekara, A. and Shahidi, F. 2018. Herbal beverages: Bioactive Compounds and Their Role in Disease Risk Reduction – A review. *Journal of Traditional and Complementary Medicine* 8(4): 451-458.

- Chong, K.L., dan Lim, Y. Y. 2011. Effects of Drying on The Antioxidant Properties of Herbal Tea From Selected Vitex Species. *Journal of Food Quality*, 35: 51-59.
- Dewata, I. P., Widradnyadewi, P. A. S., Widarta, W. R. I. 2017. Pengaruh Suhu dan Lama Penyeduhan terhadap Aktivitas Antioksidan dan Sifat Sensoris Teh Herbal Daun Alpukat (*Persea americana* Mill). *Jurnal ITEPA*, 6 (2):30-39.
- Djaeni, M., Ariana, N., Hidayat, R., Utari, F.D. Ekstraksi Antosianin dari Kelopak Bunga Rosella (*Hibiscus sabdariffa* L.) Berbantu Ultrasonik: Tinjauan Aktivitas Antioksidan. *Jurnal Aplikasi Teknologi Pangan*, 6(3): 148-151.
- Engelhardt, U. H. 2020. Tea Chemistry – What Do and What don’t we know?. *Food Research International*, 20: 1-29.
- Fu, L., Xu, B. T., Gan, R. Y., Zhang, Y., Xu, X. R., Xia, E. Q. and Li, H. B. 2011. Total phenolic contents and antioxidant capacities of herbal and tea infusions. *International Journal of Molecular Sciences* 12(4): 2112-2124.
- Glacia, G. C., Henry, A., Herrera, V., Sampieri, A., Jimenez, E. C. 2020. Ultrasound-assisted Extraction of Phenolic Compounds from Avocado Leaves (*Persea Americana* Mill. var. *Drymifolia*): Optimization and Modeling. *International Journal of Chemical Reactor Engineering*, 18(7): 1-12.
- Ghafari, A., Shorbaji, A. M., Al-Sarori, L. A., Baduwailan, E. O., Basaar, A. A., Doghaither, H. A. A., Al-Marzouki, H. F. and Omar, U. M. 2016. Phenolic contents and antioxidant activities of green tea with and without lemon. *Natural Science*, 8:247-255.
- Gyesi, J. N., Opoku, R., Borquaye, L. S. 2019. Chemical Composition, Total Phenolic Content, and Antioxidant Activities of The Essential Oils of The Leaves and Fruit Pulp of *Annona muricate* L. (Soursop) from Ghana. *Biochemistry Research International*, 1-9
- Hajiaghaalipour, F., Sanusi, J., Kanthimathi, M. S. 2018. Temperature and Time of Steeping Affect the Antioxidant Properties of White, Green, and Black Tea Infusions. *Journal of Food Science*, 8(1): 246-254.
- Handayani, H., Sriherfyna, F. H., Yunianta, Y. 2016. Ekstraksi Antioksidan Daun Sirsak Metode *Ultrasonic Bath* (Kajian Rasio Bahan : Pelarut dan Lama Ekstraksi. *Jurnal Pangan dan Agroindustri*, (4(1): 262-272.
- Hardoko, Tanudjaja, Y., Mastuti, T. S., Halim, Y. 2018. Utilization of Soursop Leaves as Antihyperucemic in Functional Beverage ‘Herbal Green Tea’, *International Food Research Journal*, 25(1): 321-328.

- He, X. Y., Ye, H., Ma, J. L., Zhang, R. Q., Chen, G. C., dan Xia, Y. Y. 2012. Semi-Lethal High Temperature and Heat Tolerance of Eight *Camellia* Species. *International Journal of Experimental Botany*, 81:177-180.
- Ibrahim, A. M., Yuanianta, dan Sriherfyna, F. H. 2015. Pengaruh Suhu dan Lama Waktu Ekstraksi terhadap Sifat Kimia dan Fisik pada Pembuatan Minuman Sari Jahe Merah (*Zingiber officinale var. Rubrum*) dengan Kombinasi Penambahan Madu sebagai Pemanis. *Jurnal pangan dan Agroindustri*, 3(2): 530-541.
- Jahangiri, Y., Ghahremani, H., Torgahabeh, J. A., dan Salehi, E. A. 2011. Effect of Temperature and Slovent on The Total Phenolic Compounds Extraction From Leaves of *Ficus carica*. *Journal of Chemical and Pharmaceutical Research*, 3(5): 253-259.
- Jaya, I. G., Leliqia, N. P., dan Widjaja, I. N. 2012. Uji Aktivitas Penangkapan Radikal DPPH Ekstrak Produk Teh Hitam (*Camellia sinensis* (L.) O.K.) dan Gambir (*Uncaria gambir* (Hunter) Roxb) Serta Profil Klt-Densitometernya. *Jurnal Farmasi Udayana*, 1 (1): 86-101.
- Kusuma, S., Putra, K., Darmayanti, T. 2019. Pengaruh Suhu Pengeringan terhadap Aktivitas Antioksidan Teh Herbal Kulit Kakao (*Theobroma cacao* L.). *Jurnal Ilmu dan Teknologi Pangan*, 8(10): 85-93
- Liem, J. L., Herawati, M. M. 2021. Pengaruh Umur Daun Teh dan Waktu Oksidasi Enzimatis terhadap Kandungan Total Flavonoid pada Teh Hitam (*Camellia sinensi*). *Jurnal Teknik Pertanian Lampung*, 10 (1): 41-49.
- Liu, Y., Hu, R., Shen, S., Zhang, Z., Zhang, J., Song, X., Qiang, S. 2020. Plant Diversity in Herbal Tea and Its Traditional Knowledge in Qingtian County, Zhejiang Province China. *Plant Diversit*, 42: 464-472.
- Lee, L. S., Lee, N., Kim, Y. H., Lee, C. H., Hong, S. P., Jeon, Y. W., dan Kim, Y. E. 2013. Optimization of Ultrasonic Extraction of Phenolic Antioxidants from Green Tea Using Response Surface Methodology. *Molecules*, 8(11): 13530-13545.
- Lelita, D. I., Rohadi, M. P., Putri A. S., Sifat Antioksidatif Ekstrak Teh (*camellia sinensis* linn.) Jenis Teh Hijau, Teh Hitam, Teh Oolong dan Teh Putih dengan Pengeringan Beku (*freeze drying*), *Jurnal Teknologi Pangan dan Hasil Pertanian*, 13(1):
- Luo, Q., Zhang, J. R., Li, H. B., Wu, D. T., Geng, F., Corke, H., Wei, X. L., Gan, R. Y. 2020. Green Extraction of Antioxidant Polyphenols from Green Tea (*Camellia sinensis*). 2020. *Antioxidants*, 9(9): 1-15.

- Martini, N. K. A., Ekawati, I. G. A., Ina, P. T. 2020. Pengaruh Suhu dan Lama Pengeringan Terhadap Karakteristik Teh Bunga Telang. *Jurnal Ilmu dan Teknologi Pangan*, 9(3): 327-340.
- Mehmood, A., Ishaq, M., Zhao, L., Yaqoob, S., Safdar, B., Nadeem, M., Munir, M., Wang, C. 2019. Impact of Ultrasound and Conventional Extraction Techniques on Bioactive Compound and Biological Activities of Blue Butterfly Pea Flower (*Clitoria ternatea* L.). *Ultrasonics-Sonochemistry*, 51: 12-19.
- Muawanah, A., Djajanegara, I., Sa'duddin, A., Sukandar, D., Radiastuti, N. 20120. Penggunaan Buga Kecombrang (*Etlingera Elatior*) dalam Proses Formulasi Permen Jelly. *Jurnal Kimia Valensi*, 2(4): 526-533.
- Noreen, H., Semmar, N., Farman, M., dan McCullagh, J. S.O. 2017. Measurement of Total Phenolic Content and Antioxidant Activity of Aerial Parts of Medicinal Plant Coronopus Didymus. *Asian Pacific Journal of Tropical Medivine*, 10 (8): 792-801.
- Nguyen, Q. V., Chuyen, H. V. 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. *beverage*, 6(2): 1-11.
- Parwata, I. N. A., Kusumawati, N., dan Suryani, N. 2016. Pertumbuhan dan Produksi Hijauan Kembang Telang (*Clitoria ternatea*) pada Berbagai Level Aplikasi Pupuk bio-slurry. *Journal of Tropical Animal Science*, 4(1): 142-155.
- Pozos, G. I. P., Lopez, M. A. R., Natera, J. F. Z., Moya, C. A., Ramirez, L. B., Silva, M. R., Macias, R. R., Lopez, P. M. G., Cruz, R. G., Perez, E. S., Radillo, J. J. V., 2020. Antioxidant Capacity and Antigenotoxic Effect of *Hibiscus sabdariffa* L. Extracts Obtained with Ultrasound-Assisted Extraction process. *Applied Science*, 10: 1-13.
- Putri, D. D., Nurmagustina, D. E., Chandra, A. A. 2014. Kandungan Total Fenol dan Aktivitas Antibakteri Kelopak Buah Rosela Merah dan Ungu Sebagai Kandidat Feed Additive Alami pada Broiler. *Jurnal Penelitian Pertanian Terapan*, 14 (3): 174-180.
- Pham, T. N., Nguyen, D. C., Lam., T. D., Thinh, P. V., Le, X. T., Nguyen, D. V. V., Vu, Q. H., Nguyen, T. D., Bach, L. G. 2019. Extraction of Anthocyanins from Butterfly Pea (*Clitoria ternatea* L. Flowers) in Southern Vietnam: Response Surface Modeling for Optimization of The Operation Conditions, *Materials Science and Engineering*, 542: 1-5

- Ozdemir, F., Tontul, I., Torun, F. B., Topuz, A. 2017. Effect of Rolling Methods and Storage on Volatile Constituents of Turkish Black Tea. *Flavour and Fragrance Journal*, 1-14
- Rodrigues, M. J., Neves, V., Martins, A., Rauter, A. P., Neng, N. R., Nogueira, J. M. F., Varela, J., Barreira, L. and Custodio, L. 2016. In vitro antioxidant and anti-inflammatory properties of *Limonium algarvense* flowers' infusions and decoctions: A comparison with green tea (*Camellia sinensis*). *Food Chemistry* 200: 322-329.
- Roshanak, S., Rahimmalek, M., dan Goli, S.A.H. 2015. Evaluation of seven different drying treatments in respect to total flavonoid, phenolic, vitamin c content, chlorophyll, antioxidant activity and color of green tea (*Camellia sinensis* or C. Assamica) leaves. *Journal of Food Science and Technology*. 53(1):721-729
- Saklar, S., Ertas, E., Ibrahim, S., Ozdemir dan Karadeniz, B. 2015. Effects of different brewing conditions on catechin content and sensory acceptance in Turkish green tea infusions. *Journal of food science and technology*, 52:6639-6646
- Sam, S., Malik, A., Handayani, S. 2016. Penetapan Kadar Fenolik Total dari Ekstrak Etanol Bunga Rosella Berwarna Merah (*Hibiscus sabdariffa* L.) dengan Menggunakan Spektrofotometri UV-Vis. *Jurnal Fitofarmaka Indonesia*, 3(2): 182-187.
- Sasmito, B. B., Dwi, T, Dearta, D. 2020. Pengaruh Suhu dan Waktu Penyeduhan Teh Hijau Daun *Sonneratia alba* Terhadap Aktivitas Antioksidannya. *Journal of Fisheries and Marine Research*, 4(1): 110-115.
- Sari, D. K., Affandi, D. R., Prabawa, S. 2019. Pengaruh Waktu dan Suhu Pengeringan Terhadap Karakteristik Teh Daun Tin (*Ficus Carica* L.). *Jurnal Teknologi Hasil Pertanian*, 12(2): 68-77.
- Suluvoy, J.K., dan Berlin, G, V.M. 2017. Pyhytochemical Profile and Free Radical Nitric oxide (NO) Scavenging Activity of *Averrhoa bilimbi* . *3 Biotech*, 7(1).
- Sieniawska, E. 2015. Activities of Tannins – from In Vitro Studies to Clinical Trials. *Natural Product Communications*, 10 (11).
- Tambun, R. Limbong, H. P., Pinem, C., Manurung, E. 2016. Pengaruh Ukuran Partikel, Waktu, dan Suhu pada Ekstraksi Fenol dari Lengkuas Merah. *Jurnal Teknik Kimia*, 5(3): 4

Venditti, E., Bacchetti, T., Tiano, L., Carloni, P., Greci, L. 2010. Hot vs Cold Water Steeping of Different Teas: Do They Affect Antioxidant Activity. *Food Chemistry*, 119: 1579-1604.

Vuolo, M. M., Lima, V. S., dan Maróstica, J. M. R (2019). *Phenolic Compounds. Antioxidants*, 9(12):1-20.

Widarta, W. R., Wiadnyani, A. A. I. S. 2019. Pengaruh metode Pengeringan terhadap Aktivitas Antioksidan Daun Alpukat, *Jurnal Aplikasi Teknologi Pangangan*, 8(3):

Wiyantoko, B., dan Astuti. 2020. Butterfly Pea (*Clitoria Ternatea L.*) Extract as Indicator of Acid-Base Titration. *Indonesian Journal of Chemical Analysis*, 3(1): 22-32.

Wazir, D., Ahmad, S., Muse, R., Mahmood, M. 2011. Antioxidant Activities of Different parts of *Gnetum gnemon* L. *Journal Plant Biochemistry and Biotechnology*, 20(2): 234-240.