

DAFTAR PUSTAKA

- AOAC. 2005. "Official Methods of Analysis of the Association of Official Analytical Chemistry". AOAC Int, Maryland.
- Adri, Delvin dan Wikanastri, Hersoelistyorini. 2013. Aktivitas antioksidan dan sifat organoleptik teh daun sirsak (*Annona muricata* Linn.) berdasarkan variasi lama pengeringan. *Journal Pangan dan Gizi* 4(7): 1-12
- Akoh, Casimir C. dan Min, David B. 2008. "Food Lipids: Chemistry, Nutrition, and Biotechnology". CRC Press, Boca Raton.
- Alakali, J.S.; Kucha, C.T.; dan Rabiou, I.A. 2015. Effect of drying temperature on the nutritional quality of *Moringa oleifera* leaves. *African Journal of Food Science* 9(7): 395-399.
- Astill, C; Birch M.R.; Dacombe C.; Philip G. Humphrey; dan Martin P.T. 2001. Factors affecting the caffeine and polyphenol contents of black and green tea infusions. *J. Agri. Food Chem.* 49: 5340-5347.
- Ayoola, G.A.; Coker, H.A.B.; Adesegun, S.A.; Adepoju-Bello, A.A.; Obaweya, K.; Ezennia, E.C.; dan Atangbayila, T.O.. 2008. Phytochemical screening and antioxidant activities of some selected medicinal plants used for malaria therapy in southwestern Nigeria. *Tropical Journal of Pharmaceutical Research* 7(3): 1019-1024.
- Badan Pusat Statistik. 2014. "Statistik Teh Indonesia 2014". Badan Pusat Statistik Republik Indonesia, Jakarta.
- Badan Standarisasi Nasional. 1995. "Standar Nasional Indonesia: Teh Hijau (SNI 01-3945-1995)". Badan Standarisasi Nasional, Jakarta.
- Bhattacharjee, Jayeeta. 2015. A study on the benefits of tea. *International Journal of Humanities & Social Science Studies* 2(2): 109-121.
- Blainski, Andressa; Lopes, Gisely Cristiny; Mello, Joao Carlos Palazzo de. 2013. Application and analysis of the folin ciocalteu method for the determination of the total phenolic content from *Limonium Brasiliense* L. *Molecules* 18: 6852-6865.
- Brewer, M.S. 2011. Natural antioxidants: sources, compounds, mechanisms of action, and potential applications. *Journal of Food Science and Food Safety* 10(4): 221-247.
- Caivano, Jose Luis dan Buera, Maria del Pilar. 2012. "Color in Food: Technological and Psychophysical Aspects". CRC Press, Boca Raton.
- Chacko, Sabu M.; Thambi, Priya T.; Kuttan, Ramadasan; dan Nishigaki, Ikuo. 2010. Beneficial effects of green tea: a literature review. *Chin Med* 5(13).

- Chaturvedula, Venkata Sai Prakash dan Prakash, Indra. 2011. The aroma, taste, color and bioactive constituents of tea. *Journal of Medicinal Plants Research* 5(11): 2110-2124.
- Chumyam, Athiwat; Whangchai, Kanda; Jungklang, Jarunee; Faiyue, Bualuang; Saengnil, Kobkiat. 2013. Effects of heat treatments on antioxidant capacity and total phenolic content of four cultivars of purple skin eggplants. *ScienceAsia* 39: 246-251.
- Davidson, Alan. 2014. "The Oxford Companion to Food". Oxford University Press, Slovakia.
- Dwiyanti, Gebi dan K., Hati Nurani. 2014. Aktivitas antioksidan teh rosela (*Hibiscus sabdariffa*) selama penyimpanan pada suhu ruang. *Prosiding Seminar Nasional Sains dan Pendidikan Sains IX* 5(1).
- Ekissi, Alice Christine; Konan, Amoin Georgette; Yao-Kouame, Albert; Bonfoh, Bassirou; dan Kati-Coulibaly, Seraphin. 2014. Sensory evaluation of green tea from lippia multiflora moldenke leaves. *European Scientific Journal* 10(3): 534-543.
- Ezeike, C.O.; Aguzue, O.C.; dan Thomas, S.A. 2011. Effect of brewing time and temperatures on the release of manganese and oxalate from lipton tea and azadirachta indica (neem), phyllanthus amarus and moringa oleifera blended leaves. *Journal Application Environmental Manage* 15(1): 175-177.
- Fiergiyanti, Novalien; Erwin; dan Syafrizal. 2015. Analisis fitokimia dan toksisitas (brine shrimp lethality test) ekstrak serbuk sari dari *Trigona incisa*. *Jurnal Kimia Mulawarman* 13(1): 32-34.
- Gowri, S. Shyamala dan Vasantha, K. 2010. Phytochemical screening and antibacterial activity of *Syzygium cumini* (L.) (Myrtaceae) leaves extracts. *International Journal of PharmTech Research* 2(2): 1569-1573.
- Hajiaghaalipour, Fatemeh; Sanusi, Junedah; dan Kanthimathi, M.S. 2016. Temperature and time of steeping affect the antioxidant properties of white, green, and black tea infusions. *Journal of Food Science* 81: H246-H254.
- Hardoko; Halim, Yuniwaty; dan Wijoyo, StevellaVerena. 2015. In vitro antidiabetic activity of 'green tea' soursop leaves brew through α -glucosidase inhibition. *International Journal of PharmTech Research* 8 (1): 30-37.
- Ho, Chi-Tang; Lin, Jen-Kun; Shahidi, Fereidoon. 2009. "Tea and Tea Products: Chemistry and Health-Promoting Properties". CRC Press, Boca Raton.

- Hossain, M. B.; Barry-Ryan, C.; Martin-Diana, A. B. dan Brunton, N. P. 2010. Effect of drying method on the antioxidant capacity of six Lamiaceae herbs. *Food Chemistry* 123: 85–91.
- Integrated Taxonomic Information System. 2016. Integrated Taxonomic Information System. Available from: <https://www.itis.gov/servlet/SingleRpt/SingleRpt#null>. Diakses 20 April 2016.
- Janick, Jules dan Paull, Robert E. 2008. “The Encyclopedia of Fruits and Nuts”. Cambridge University Press, United Kingdom.
- Julian, Achmad Riffi. 2011. Pengaruh suhu dan lama penyeduhan teh hijau (*Camellia sinensis*) serta proses pencernaan secara in vitro terhadap penghambatan aktivitas enzim alfa amilase dan alfa glukosidase secara in vitro. S1. Skripsi, Institut Pertanian Bogor.
- Juneja, Lekh R.; Kapoor, Mahendra P.; Okubo, Tsutomu; dan Rao, Theertham P.. 2013. “Green Tea Polyphenols: Nutraceuticals of Modern Life”. CRC Press, Boca Raton.
- Kamsala, Ratnam V.; Lepakshi, Bhakshu MD.; Padma, Y.; dan Venkata, Raju R.R. 2015. Studies on antimicrobial and antioxidant properties of leaf extracts of *Syzygium alternifolium* (WT.) walp. *International Journal of Pharmacy and Pharmaceutical Sciences* 7(2): 139-143.
- Kara, Meryem; Sahin, Huseyin; Turumtay, Halbay; Dinc, Saliha; dan Gumuscu, Ahmet. 2014. The phenolic composition and antioxidant activity of tea with different parts of *Sideritis condensate* at different steeping conditions. *Journal of Food and Nutrition Research* 2(5): 258-262.
- Karori, S.M.; Wachira, F.N.; Wanyoko, J.K.; dan Ngure, R.M.. 2007. Antioxidant capacity of different types of tea products. *African Journal of Biotechnology* 6(19): 2287-2296.
- Kedare, Sagar B. dan Singh, R.P. 2011. Genesis and development of DPPH method of antioxidant assay. *Journal of Food Science and Technology* 48(4): 412-422.
- Kikuzaki, H.; Hisamoto, M.; Hirose, K.; Akiyama, K.; dan Taniguchi, H.. 2002. Antioxidant properties of ferulic acid and its related compound,” *Journal of Agriculture and Food Chemistry* 50: 2161-2168.
- Komes, D.; Horzic, D.; Belscak, A.; Ganic, K.K.; dan Vulic, I. 2010. Green tea preparation and its influence on the content of bioactive compounds. *Food Res. Int.* 43: 167-176.
- Kosinska, Agnieszka dan Andlauer, Wilfried. 2014. Antioxidant capacity of tea: effect of processing and storage. *Processing and Impact on Antioxidant in Beverages*: 109-120.

- Laddi, Amit; Sharma, Shashi; Kumar, Amod; dan Rup, Neelam. 2011. Influence on color attributes of freshly brewed tea with time due to variations in temperature conditions. *International Journal of Computer Applications* 34(7): 7-9.
- Langley-Evans, S.C. 2000. Antioxidant potential of green and black tea determined using the ferric reducing power (FRAP) assay. *International Journal of Food Sciences and Nutrition* 51(3): 181-188.
- Linckens, Hans-Ferdinand dan Jackson, John F. 2012. "Analysis of Nonalcoholic Beverages". Springer-Verlag, Berlin.
- Lin, Sheng-Dun; Yang, Joan-Hwa; Hsieh, Yun-Jung; Liu, En-Hui; dan Mau, Jeng-Leun. 2014. Effect of different brewing methods on quality of green tea. *Journal of Food Processing and Preservation* 38: 1234-1243.
- Lin, Xiangyang; Zhang, Lijing; Lei, Hanwu; Zhang, Hong; Cheng, Yanling; Zhu, Rongbi; dan Ruan, Roger. 2010. Effect of drying technologies on quality of green tea. *International Agricultural Engineering Journal* 19(3): 30-37.
- Ling, Lai Teng; Radhakrishnan, Ammu Kutty; Subramaniam, Thavamanithevi; Cheng, Hwee Ming; dan Palanisamy, Uma D. 2010. Assesment of antioxidant capacity and cytotoxicity of selected Malaysian plants. *Molecules* 15: 2139-2151.
- Lu, Jian-Ming; Lin, Peter H.; Yao, Qizhi; dan Chen, Changyi. 2010. Chemical and molecular mechanisms of antioxidants: experimental approaches and model systems. *Journal of Cellular and Molecular Medicine* 14(4): 840-860.
- Madhujit, T. dan Shahidi, F. 2005. Antioxidant potential of pea beans (*Phaseolus vulgaris* L.). *Journal of Food Science* 70: S85-S90.
- Mailoa, Meigy Nelce; Mahendradatta, Meta; Laga, Amran; dan Djide, Natsir. 2014. Antimicrobial activities of tannins extract from guava leaves (*Psidium guajava* L) on pathogens microbial. *International Journal of Scientific & Technology Research* 3(1): 236-241.
- Maimoona, A.; Naeem, I.; Saddiqe, Z.; Ali, N.; Ahmed, G. dan Shah, I. 2011. Analysis of total flavonoids and phenolics in different fractions of bark and needle extracts of *Pinus roxburghii* and *Pinus wallichiana*. *Journal of Medicinal Plants Research* 5(13): 2724-2728.
- Malangngi, Liberty P.; Sangi, Meiske S.; dan Paendong, Jessy J. E. 2012. Penentuan kandungan tanin dan uji aktivitas antioksidan ekstrak biji buah alpukat (*Persea Americana Mill.*). *Jurnal MIPA UNSRAT online* 1(1): 5-10.

- Manaharan, Thamilvaani; Appleton, David; Cheng, Hwee Ming; dan Palanisamy, Uma D. 2012. Flavonoids isolated from *Syzygium aqueum* leaf extract as potential antihyperglycaemic agents. *Food Chemistry* 132: 1802-1807.
- Meda, A. Lamien; Romito, C.E.; Millogo, M.; dan Nacoulma, O.G. 2005. Determination of the total phenolic, flavonoid, and proline contents in burkina fasan money, as well as their radical scavenging activity. *Food Chemistry* 91: 571-577.
- Meyer, B.N.; Ferrigni, N.R.; Putman, J.E.; Jacobsen, L.B.; Nichol, D.E.; dan Melaughlin, J.L. 1982. Brine shrimp: a convenient general bioassay for active plant constituents. *Planta Medica* 45: 31-34.
- Miliauskas, G.; Venskutonis, P.R.; dan Beek, T.A.V. 2005. Screening of radical scavenging activity of some medicinal and aromatic plant extracts. *Food Chem* 85: 231-237.
- Misaghi, I.J. 2012. "Physiology and Biochemistry of Plant-Pathogen Interactions". Plenum Press, New York.
- Molan, A.L.; De, S.; dan Meagher, L. 2009. Antioxidant activity and polyphenol content of green tea flavan-3-ols and oligomeric proanthocyanidins. *Int. J. Food Sci. Nutr.* 60: 497-506.
- Molyneux, P. 2004. The use of the stable free radical dyphenylpicrylhydrazil (DPPH) for estimating antioxidant activity. *Journals of Science and Technology* 26: 211-219.
- Mulyawan, Thresia Dwiyantri. 2007. Pengaruh proses fermentasi daun dewa (*Gynura proembens*) terhadap kandungan komponen alkaloid, aktivitas antioksidan, dan aroma teh daun dewa. S1. Skripsi, Universitas Pelita Harapan Karawaci.
- Mukhopadhyay, Asim Kumar. 2006. "Antioxidants: Natural and Synthetic". Amani International Publishers, German.
- Nantitanon, Witayapan; Yotsawimonwat, Songwut; dan Okonogi, Siriporn. 2010. Factors influencing antioxidant activities and total phenolic content of guava leaf extract. *Food Science and Technology* 43: 1095-1103.
- National Parks. 2013. NParks Flora & Fauna Web. Available from: <https://florafaunaweb.nparks.gov.sg>. Diakses 2 Januari 2017.
- Nindiyasari, Sagita. 2012. Pengaruh suhu dan waktu penyeduhan teh hijau (*camellia sinensis*) serta proses pencernaan in vitro terhadap aktivitas inhibisi lipase. S1. Skripsi, Institut Pertanian Bogor.
- Osman, Hasnah; Rahim, Afidah A.; Isa, Norhafizah M.; dan Bakhir, Nornaemah M. 2009. Antioxidant activity and phenolic content of *Paederia foetida* and *Syzygium aqueum*. *Molecules* 14: 970-978.

- Pathare, Pankaj B.; Opara, Umezuruike Linus; dan Al-Said, Fahad Al-Julanda. 2013. Color measurement and analysis in fresh and processed foods: a review. *Food Bioprocess Technol* 6: 36-60.
- Peter, Tina; Padmavathi, D.; Sajini, R. Jasmin; dan Sarala, A. 2011. *Syzygium samarangense*: a review on morphology, phytochemistry & pharmacological aspects. *Asian Journal of Biochemical and Pharmaceutical Research* 4(1): 155-163.
- Preedy, Victor R. 2013. "Tea in Health and Disease Prevention". Academic Press, USA.
- Prior, Ronald L.; Wu, Xianli; dan Schaich, Karen. 2005. Standardized methods for the determination of antioxidant capacity and phenolics in foods and dietary supplements. *Journal of Agricultural and Food Chemistry* 53: 4290-4302.
- Purbasari, Argandhina; Pramono, Yoyok Budi; dan Abduh, Setya Budi Muhammad. 2014. Nilai pH, kekentalan, citarasa asam, dan kesukaan pada susu fermentasi dengan perisa alami jambu air (*Syzygium sp*). *Jurnal Aplikasi Teknologi Pangan* 3(4): 174-177.
- Rabeta, M.S. dan S.Y., Lai. 2013. Effects of drying, fermented and unfermented tea of *Ocimum tenuiflorum* Linn. on the antioxidant capacity. *International Food Research Journal* 20(4): 1601-1608.
- Samaniego-Sanchez, C.; Inurreta-Salinas, Y.; Quesada-Granados, J.J.; Blanca-Herrera, R.; Villalon-Mir, M.; Serrana, H.L.G de la; dan Martinez, M.C. Lopez. 2011. The influence of domestic culinary processes on the trolox equivalent antioxidant capacity of green tea infusions. *J. Food Compos. Anal.* 24: 79-86.
- Schofield, P.; Mbugua, D.M.; Pell, A.N. 2010. Analysis of condensed tannins: a review. *Animal Feed Science and Technology* 91: 21-40.
- Senanayake, S.P.J. Namal. 2013. Green tea extract: chemistry, antioxidant properties and food applications – a review. *Journal of Functional Foods*.
- Shalaby, Emad A. dan Shanab, Sanaa M. M. 2013. Antioxidant compounds, assays of determination and mode of action. *African Journal of Pharmacy and Pharmacology* 7(10): 528-239.
- Singh, Vishal; Verma, Deepak Kumar; dan Singh, Gurupreet. 2014. Processing technology and health benefits of green tea. *Popular Kheti Vol.* 2(1): 23-30.
- Stankovic, Milan S. 2011. Total phenolic content, flavonoid concentration and antioxidant activity of *Marrubium peregrinum* L. extracts. *Kragujevac J. Sci.* 33: 63-72.

- Suwendar; Hazar, Siti; dan Subarnas, Anas. 2014. Uji aktivitas antioksidan ekstrak etanol daun jambu air [*Eugenia aqueum* (Burm. F) Alston] secara in vitro dengan metode carotene bleaching. Prosiding Seminar Nasional Penelitian dan PKM 4(1): 31-36.
- Takao, L.K.; Imatomi, M.; dan Gualtieri, S.C.J. 2015. Antioxidant activity and phenolic content of leaf infusions of Myrtaceae species from Cerrado (Brazilian Savanna). Braz. J. Biol. 75(4).
- Thangaraj, Parimelazhagan. 2016. "Pharmalogical Assays of Plant-Based Natural Products". Springer, Switzerland.
- Venditti, Elisabetta; Bacchetti, Tiziana; Tiano, Luca; Carloni, Patricia; Greci, Lucedio; dan Damiani, Elisabetta. 2010. Hot vs. cold water steeping of different teas: do they affect antioxidant activity. Food Chemistry 119: 1597-1604.
- Vuong, Q.V.; Golding, J.B.; Stathopoulos, C.E.; Nguyen, M.H.; dan Roach, P.D. 2011. Optimizing conditions for the extraction of catechins from green tea using hot water. J. Sep. Sci. 34: 3099-3106.
- Wang, Zinan dan Xu, Baojun. 2014. Phenolic profiles and antioxidant activities of typical teas marketed in China as affected by steeping time and temperature. International Journal of Sciences Vol. 3(7).
- Wetzel, David Louis Bente dan Charalambous, George. 1998. "Instrumental Methods in Food and Beverage Analysis". Elsevier, Amsterdam.
- Wijoyo, Stebella Verena. 2014. Studi aktivitas antidiabetes pada seduhan "teh hijau" daun sirsak. S1. Skripsi, Universitas Pelita Harapan Karawaci.
- Yuniartini, Ni Luh Putu Sherly; Kusnadi, Joni; dan Zubaidah, Elok. 2014. The effect of various tea processing methods on antioxidant activity of guava (*Psidium guajava* L. var pomifera) leaves tea in east java Indonesia," International Journal of PharmTech Research 7 (4): 580-586.
- Zhen, Yong-su. 2002. "Tea: Bioactivity and Therapeutic Potential". Taylor & Francis, New York.