

BIBLIOGRAPHY

- Atalay, D., and Erge, H. S. (2017). Determination Of Some Physical And Chemical Properties Of White, Green And Black Teas (*Camellia Sinensis*). *Gida / The Journal Of Food*, 42(5), 494-504. doi:10.15237/gida.gd17024
- Andarwulan, N., Yuliana, N.D., Hasna, E., Aziz, S.A. and Davis, T.D. 2014. *Comparative Analysis of Three Torbangun Clones (Plectranthus amboinicus (Lour.) Spreng) Based on Phenotypic Characteristics and Phenolic Content*. American Journal of Plant Sciences.
- Alfitra P. 2010. "Formulasi minuman suplemen daun Torbangun (*Coleus amboinicus Lour*) untuk wanita yang menderita PMS (Premenstruasi Syndrome)." [skripsi]. Bogor: Departemen Gizi Masyarakat, Fakultas Ekologi Manusia, Institut Pertanian Bogor.
- Andriani E. 2011. "Analisis hubungan pemberian kapsul serbuk daun Torbangun (*Coleus amboinicus Lour*) terhadap profil tekanan darah dan total kolesterol." [Thesis]. Sekolah Pascasarjana, Institut Pertanian Bogor.
- Arumugam, G., Mallappa K.S; and Uma R.S . 2016. *Plectranthus amboinicus (Lour.) Spreng: Botanical, Phytochemical, Pharmacological and Nutritional Significance*. Department of Crop Science, Faculty of Agriculture, Universiti Putra Malaysia, Serdang, Selangor.
- AOAC. 2000. *Official Methods of Analysis of the Association of Official Analytical Chemists*. Arlington: AOAC Inc.
- AOAC. 2005. *Official Methods of Analysis of the Association of Official Analytical Chemists*. Washington: AOAC Inc.
- Ayoola GA, Coker HAB, Adesegun SA, Adepoju-Bello AA, Obaweve K, Ezennia EC, Atangbayila TO (2008). Phytochemical screening and antioxidant activities of some selected medicinal plants used for malaria therapy in Southwestern Nigeria. *Trop. J. Pharm. Res.*, 7: 1019-1024.
- Badami, S and Channabasavaraj, K. P. 2007. *In vitro antioxidant activity of thirteen medicinal plants of India's Western Ghats*. *Pharmaceutical Biology*, vol. 45, no. 5, pp. 392–396.
- Brown, A. C. 2014. "Understanding Food: Principles and Preparation". Wadsworth/Thomson Learning, Australia.
- Butnariu, M. 2012. *Antioxidant (Antiradical) Compounds*. *Journal of Bioequivalence & Bioavailability*.

- Carlioni, E., P., Tiano, L., Padella, L., Bacchetti, T., Customu, C., Kay, A., & 2013. Antioxidant activity of white, green and black tea obtained from the same tea cultivar. *Food Research International*, 53(2), 900-908.
- Czygan, Franz-Christian. 2004. *Herbal Drugs and Phytopharmaceuticals: A Handbook for Practice on a Scientific Basis*. CRC Press.
- Castiglioni, S., Damiani, E., Astolfi, P., & Carlioni, P. (2015). Influence of steeping conditions (time, temperature, and particle size) on antioxidant properties and sensory attributes of some white and green teas. *International Journal of Food Sciences and Nutrition*, 66(5), 491-497. doi:10.3109/09637486.2015.1042842
- Castleman, M. 2001. *The New Healing Herbs: Classic Guide to Nature's Best Medicines Featuring the Top 100 Time-tested Herbs*. Rodale.
- Dai J., and Mumper R. J. 2010. *Plant phenolics: extraction, analysis and their antioxidant and anticancer properties*. *Molecules*;15: 7313-52.
- Damiani, E., Bacchetti, T., Padella, L., Tiano, L., & Carlioni, P. (2014). *Antioxidant activity of different white teas: Comparison of hot and cold tea infusions*. *Journal of Food Composition and Analysis*, 33(1), 59–66. doi:10.1016/j.jfca.2013.09.010
- Damanik R., Daulay Z., Saragih S.R., Premier N., Wattanapenpaiboon, Wahlqvist M.L. 2001. Consumption of bangun-bangun leaves (*Coleus amboinicus* Lour) to increase breast milk production among Bataknesse women in North Sumatra Island, Indonesia. *APJCN*;10(4):S67.
- Damanik R., Wahqvist ML, Wattanapenpaiboon. 2006. Lactagogue Effect of Bangun-bangun, a Bataknesse Traditional Cuisine. *APJCN*; 15(2): 267-274.
- Darmanik, R. 2008. "Torbangun (*Coleus amboinicus* Lour): a Bataknesse traditional cuisine perceived as lactagogue by Bataknesse lactating women in Simalungun, North Sumatera, Indonesia". Department of Community Nutrition, Faculty of Human Ecology of IPB University in Bogor, Indonesia.
- Damanik R. 2009. Torbangun (*Coleus amboinicus* Lour): A Bataknesse Traditional Cuisine Perceived as Laktagogue by Bataknesse Lactating Women in Simalungun, North Sumatra, Indonesia. *J Hum Lact* 25(1): 64-72.
- Daniels, N. 2016. *Green Tea – Taking a Healthy Sip*. BookRix.
- Devi, M., et al. 2010. *Suplementasi Faun Torbangun (Coleus ambonicius lour) Untuk Menurunkan Keluhan Sindrom Premenstruasi Pada Remaja Putri*. *Journal of Nutrition and Food Research*, Vol. 33, No. 22.

- Duke. 2000. Dr. Duke's Constituents and Ethnobotanical Databases. Phytochemical database, USDA-ARS-NGRL. Gabay, M. P. 2002. "Galactogogues: Medications that induce lactation". *Journal of Human Lactation*, Mumbai.
- El Sakka A., Salama, M., Salama, K. 2014. *The Effect of Fenugreek Herbal Tea and Palm Dates on Breast Milk Production and Infant Weight*. *J Pediatr Sci*.
- Flymann, M., and Afolayan, A. 2008. "Effect of Plant Maturity on The Mineral Content of The Leaves of *Momordica balsamina* L., and *Vigna unguiculata* subsp. *Sesquipedalis* L. Verdc". Department of Botany, University of Fort Hare, South Africa.
- Gabay, M. P. 2002. "Galactogogues: Medications that induce lactation". *Journal of Human Lactation*, Mumbai.
- Gungor, S.S.U., Ahmed L., Sevda G., and Gamze. 2014. "Composition and content of total phenolics and flavonoids, and antioxidant activity of *Trigonella isthmocarpa*". *European Journal of Chemistry*, 2154-2249.
- Hara, Y., Chung, S., Mamoru, I., and Isao, T., 2017. *Health Benefits of Green Tea: An Evidence-based Approach*. Cabi Press.
- Hamidi, M., Jovanova, B., and Panovska, T. 2014. *Toxicological evaluation of the plant products using Brine Shrimp (*Artemia salina* L.) model*. *Macedonian Pharm Bull*, 60(1), 9-18.
- Hazimah, H. Y. and Christine J. 2013. "Aktivitas Antioksidan dan Antimikrobal dari Ekstrak *Plectranthus amboinicus*". *Jurnal penelitian farmasi Indonesia*. Universitas Riau, Indonesia. Hetchman, Leah. 2013. *Clinical Naturopathic Medicine*. Elsevier Health Sciences.
- Hossain, A., Afifa K., Mahfuza I., and Roksana H. 2017. "Enhancement of Antioxidant Quality of Green Leafy Vegetables upon Different Cooking Method". *Journal of Food Technology Division, Institute of Food and Radiation Biology, Bangladesh*.
- Iwansyah, A. C., Damanik, R. M., Kustiyah, L., dan Hanafi, M. 2016. Relationship between antioxidant properties and nutritional composition of some galactopoietics herbs used in Indonesia: a comparative study. *Int J Pharm Pharm Sci* 8(12): 236-243.
- Khan, Tahir Mehmood. 2017. *Effectiveness of Fenugreek as a Galactagogue: A network meta-analysis*. *Phytotherapy Research*.
- Izzreen, N.Q., Fadzelly, M. 2013. Phytochemicals and antioxidant properties of different parts of *Camellia sinensis* leaves from Sabah Tea Plantation in Sabah, Malaysia. *International Food Research Journal* 20(1): 307-312.
- Jackie, O., Oswand, P., and Mitchell J. 2009. "Clinical Toxicity of Plants towards

the Isolation from New Fungal Sources.” *Journal of American Science*, 15:2342.

- Juniarti, O., and Yuhernita. 2009. *Kandungan Senyawa Kimia, Uji Toksisitas (Brine Shrimp Lethality Test) dan Antioksidan (1,1-diphenyl-2-pikrilhidrazyl) dari Ekstrak Daun Saga*. *Jurnal Makara Sains* 13(1): 50-54).
- Khattak, M. M., Ali K., and Muhammad T. 2011. *Bioactivity-guided isolation of antimicrobial agent from Coleus amboinicus Lour (Torbangun)*. IIUM RMC.
- Kim, M.H; Kim, J.H; and Yoon, K.Y. 2013. Effects of Blanching on Antioxidant Activity and Total Phenolic Content According to Type of Medicinal Plants. *Journal of Food Science Biotechnology*. 22(3): 817-823
- Kowalchik, C., Hylton, William H. 1998. *Rodale's Illustrated Encyclopedia of Herbs*. Rodale.
- Lantano, C., Rinaldi, M., Cavazza, A., Barbanti, D., & Corradini, C. (2015). Effects of alternative steeping methods on composition, antioxidant property and colour of green, black and oolong tea infusions. *Journal of Food Science and Technology*, 52(12), 8276–8283. doi:10.1007/s13197-015-1971-4
- Lobo, V., Patil, A., Phatak, A., & Chandra, N. (2010). Free radicals, antioxidants and functional foods: Impact on human health. *Pharmacognosy Reviews*, 4(8), 118–126. <http://doi.org/10.4103/0973-7847.70902>.
- Mathur, N.K. 2016. *Industrial Galactomannan Polysaccharides*. CRC Press.
- Mckay, D. L., & Blumberg, J. B. (2006). A Review of the bioactivity and potential health benefits of chamomile tea (*Matricaria recutita* L.). *Phytotherapy Research*, 20(7), 519-530. doi:10.1002/ptr.1900
- Mujumdar, A.S. 2014. *Handbook of Industrial Drying, Fourth Edition*. CRC Press.
- Neghukhula, S. 2010. *Effects of Brewing Temperature and Duration on Quality of Black Tea (Camellia sinesis) and Equal (50:50) Combination of Bush tea (Anthraxia phyllicoides) and Black Tea*. University of Limpopo.
- Nerdy, 2018. IOP Confrence Series: Materials Science and Engineering 288012133.
- Neilson, S.S. 2017. *Analysis Laboatory Manual*. Springer.
- Quan, P.T., Hang, T.V., Ha, N.H. & Glang, B.L. 2007. Total polyphenols, total catechin content and DPPH free radicalscavenger activity of several types of Vietnam commercial green tea. *Science & Technology Development*.

- Panda, H. 2016. *The Complete Book on Cultivation and Manufacture of Tea (2nd Revised Edition)*. Asia Pacific Business Press Inc.
- Petropoulos, A. G. 2003. *Fenugreek: The Genus Trigonella*. CRC Press: United States
- Preedy, V. R. 2013. *Tea in health and disease prevention*. London: Elsevier.
- Preedy, V. R. 2017. *Processing and Impact on Antioxidants in Beverage*. S.1: Elsevier Academic Press.
- Primanita, A.Y. 2010. *Laporan Magang di Unit Perkebunan Teh Tambi di PT Perkebunan Teh Tambi Wonosobo (Proses Produksi Teh Hitam)*. Laporan Magang, Universitas Sebelas Maret, Surakarta
- Sajad, A. W. and Pradyuman, K. 2018. Fenugreek: A review on its nutraceutical properties and utilization in various food products. Department of Food Engineering and Technology, Sant Longowal Institute of Engineering and Technology, Longowal 148106, India
- Saragih, R. 2014. “ Uji Kesukaan Pada The Torbangun.” Institute Teknologi Indonesia, ISSN 2338-7793.
- Selma U.L.; Sevda G.; Ahmed IL.; and Gamze. 2014. “Total Phenolic and Flavonoid Content, Mineral Composition and Antioxidant Potential of *Trigonella monspeliaca*”. Mustafa Kemal University, Faculty of Arts and Science, Department of Biology, Antakya.
- Senanayake, S. N. 2013. Green tea extract: Chemistry, antioxidant properties and food applications – A review. *Journal of Functional Foods*,5(4), 1529-1541. doi:10.1016/j.jff.2013.08.011
- Siburian, Restauli Br, Christine J., Ganis F.K., 2015. *Total Fenolik, Flavonoid, Dan Aktivitas Antioksidan Produk Teh Hijau Dan Teh Hitam Tanaman Bangun-Bangun (Coleus Amboinicus) Dengan Perlakuan Ett Rempah-Rempah* JOM FMIPA Volume 2 No.2.
- Snehlata H. S., Payal. 2012. Fenugreek (*Trigonella foenum-graecum* L.): an overview. *International Curr. Pharmaceutical*.
- Suryowati, T., Damanik, R., Rimbawan, and Bintang, M. 2015. *Identifikasi Komponen Kimia dan Aktifitas Antioksidan dalam Tanaman Torbangun (Coleus ambinicus Lour)*. *Journal of Nutrition and Food*, Vol. 10, No. 3. Indonesia.
- Syarief, H., Damanik R.M., Tiurma S, Tetty H.D. 2014. “ *Pemanfaatan Daun Bangun-Bangun dalam Pengembangan Produk Makanan Tambahan Fungsional untuk Ibu Menyusui*. *Jurnal Ilmu Pertanian Indonesia (JIPI)*”.

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- Tafzi F.; Nuri A.; Puspo E.G.; Fitriya N. 2015. "Efficacy Methanol Extract of Torbangun Leaves (*Plectranthus amboinicus*) in Epithelial Cell of Mammary Gland MCF-12A". Program Studi Teknologi Hasil Pertanian, Fakultas Teknologi Pertanian, Universitas Jambi, Indonesia
- Ulbricht, C. 2007. Fenugreek (*Trigonella foenum-graecum* L. Leguminosae): an evidence-based systematic review by the natural standard research collaboration. *J Herb Pharmacother*
- USDA. 2008. "*Trigonella foenum-graecum*". *Germplasm Resources Information Network (GRIN)*. Agricultural Research Service (ARS), United States Department of Agriculture (USDA).
- Venditti, E., Bacchetti, T., Tiano, L., Carloni, P., Greci, L., & Damiani, E. (2010). Hot vs. cold water steeping of different teas: Do they affect antioxidant activity? *Food Chemistry*, 119(4), 1597–1604. doi:10.1016/j.foodchem.2009.09.049 2009. *Hot vs. Cold Water Steeping of Different Teas: Do they affect antioxidant activity?*. *Food Chemistry*, Volume 119, Issue 4, Elsevier.
- Yulianto, W., Andarwulan, N., Giriwono, P. E., and Pamungkas, J. 2010. *BIOACTIVE COMPOUNDS FROM TORBANGUN [*Plectranthus amboinicus* (Lour.) SPRENG] CHLOROFORM FRACTION INDUCE APOPTOSIS IN BREAST CANCER (MCF-7 CELLS) IN VITRO*. *Majalah Obat Tradisional (Traditional Medicine Journal)*, 22(1), 37-44.
- Zibadi, S., Watson, R., Preedy, V. 2013. *Handbook of Dietary and Nutritional Aspects of Human Breast Milk*. Wageningen Academic Pub.
- Zhen, Y. 2002. *Tea: bioactivity and therapeutic potential*. London: Taylor & Francis.
- Zuppa, A. A., Sindico, P., Orchi, C., Carducci, C., Cardiello, V., Catenazzi, P., Catenazzi, P. 2010. *Safety and Efficacy of Galactagogues: The Substance that Induce, Maintain and Increase Breast Milk Production*. *Journal of Pharmacy & Pharmaceutical Sciences*, Vol. 13, No. 2.