

BIBLIOGRAPHY

- Andarwulan N.; Yuliana N.D.; Hasna E.; Aziz S.A.; Davis T.D. 2014. Comparative Analysis of Three Torbangun Clones (*Plectranthus amboinicus* L.) based on Phenolic Characteristic and Phenolic Content. *American J. Plant Science*, 5:3673-368.
- Alasalvar, C., Shahidi, Fereido. 2008. "Tree Nuts: Composition, Phytochemicals, and Health Effects (Nutraceutical Science and Technology)". CRC Press: United States.
- Al-Qatani, K. M. 2015. "Assessment and Treatment Some of Local Seeds Then Used in Removal of Heavy Metals". *Journal of American Science*, Department of Chemistry, Princess Nora bint Abdel Rahman University, Riyadh, Saudi Arabia.
- 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.
- Anthoni, J. F. 2017. "pH Meter Principles". Seafriends Marine Conservation and Education Centre, Australia.
- Amsterdam, E. 2009. "The Gluten-Free Almond Flour Cookbook: Breakfasts, Entrees, and More". Random House of Canada.
- Arumugam, G., Swamy, M.K., and Sinniah, U. R. 2016. "Plectranthus amboinicus (Lour.) Spreng: Botanical Phytochemical, Pharmacological, and Nutritional Significance." *International Journal of Molecular Sciences*
- 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.
- Baba S. and Malik S. 2014. "Determination of total phenolic and flavonoid content, antimicrobial and antioxidant activity of a root extract of *Arisaema jacquemontii* Blume". Department of Botany, University of Kashmir, Srinagar 190001, Jammu and Kashmir, India.
- Badan Pengawas Obat dan Makanan. 2005. "Peraturan Kepala Pengawas Obat dan Makanan, Nomor HK 00.0s.52.0685: Tentang Ketentuan Pokok Pangan Fungsional". Jakarta, Indonesia.

- Badan Standarisasi Nasional. 1995. "SNI 01-3830-1995: Susu Kedelai." Badan Standarisasi Nasional, Jakarta.
- Barreira, J. C. M., Ferreira, I. C. F. R., Oliveira, M. B. P. P., Pereira, J. A., 2008. "Antioxidant activity and bioactive compounds of ten Portuguese regional and commercial almond cultivars". *Journal of Food and Chemical Toxicology*, 46: 2230–2235.
- Brown, A. C. 2014. "Understanding Food: Principles and Preparation". Wadsworth/Thomson Learning, Australia.
- Bogue, J., Sorenson D., and Seymour S. 2006. Modeling Softdrink Purchase Preference for Stimulant Beverages". *International Journal of Food Science*, 21:2134-2136.
- Codex Alimentarius Commission. 2001. "Codex Standards for Sugars (Honey)". Food and Agriculture Organization of the United Nations and World Health Organization, Rome.
- Chantry, C. J., Howard, Cynthia R., Montgomery, Anne, Wight, Nancy. 2004. "Use of galactogogues in initiating or augmenting maternal milk supply" (PDF). ABM protocols, Protocol#9. The Academy Of Breastfeeding Medicine. Department of Health and Human Services, Bureau.
- Christova V., Kristine S., and Maria A. 2013. Phenolic profile, Antioxidant, and Antibacterial Activities from the Apiaceae Family. *Indian Journal of Horticulture*. 4. 131-140.
- 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 Bataknese women in North Sumatra Island, Indonesia. *APJCN*;10(4):S67.
- Damanik R., Wahqvist ML, Wattanapenpaiboon. 2006. Lactagogue Effect of Bangun-bangun, a Bataknese Traditional Cuisine. *APJCN*; 15(2): 267-274
- Darmanik, R. 2008. "Torbangun (*Coleus amboinicus* Lour): a Bataknese traditional cuisine perceived as lactagogue by Bataknese 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 Bataknese Traditional Cuisine Perceived as Laktagogue by Bataknese Lactating Women in Simalungun, North Sumatra, Indonesia. *J Hum Lact* 25(1): 64-72.
- Dewi Anita L. 2011. "Formulasi cookies berbasis pati garut (*Maranta arundinaceae* Linn) dengan penambahan tepung Torbangun (*Coleus amboinicus* Lour) sebagai sumber zat gizi mikro." [Skripsi]. Bogor: Departemen Gizi Masyarakat, Fakultas Ekologi Manusia, Institut Pertanian Bogor.
- Dharmasena, S., Oral Capps, Jr., Brooke Kosub. 2015. "Demand and Market Competitiveness of Almond Milk as a Dairy Alternative Beverage in the

- United States", Department of Agricultural Economics and Agribusiness, Food and Consumer Economics Research Center, (AFCERC), Texas A&M University.
- Dua A., Ashwani M., Gupta S. and Mahajan R. 2013. "Bioreactive Compounds and Antioxidant Properties of Methanolic Extract Fennel". *Publication of Moksha Publishing House*.
- Ferracane R, Pellegrini N, Visconti A, Graziani G, Chiavaro E, Miglio C, Fogliano V. 2008. Effects of different cooking methods on antioxidant profile, antioxidant capacity, and physical characteristics of artichoke. *J Agric Food Chem* 56:
- Flores, M.E., and Elena G. P.. 2018. Analysis of Mycotoxins in Peruvian Evaporated Cow Milk. University of Navarra, Spain.
- 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. Verde". Department of Botany, University of Fort Hare, South Africa.
- Francis, F. J. 2005. "Quality as influenced by color. *Food Quality and Preference*". Accessed 07 July 2018: [http://dx.doi.org/10.1016/0950-3293\(94\)00026-R](http://dx.doi.org/10.1016/0950-3293(94)00026-R).
- Gabay, M. P. 2002. "Galactogogues: Medications that induce lactation". *Journal of Human Lactation*, Mumbai.
- Garcia, E. J., Tatiane Luiza, OLdOni Severino Matias de aLEncar. 2012. "Antioxidant Activity by DPPH Assay of Potential Solutions to be Applied on Bleached Teeth". Department of Dental Materials, Dental School, USP - University of São Paulo, São Paulo, SP, Brazil University of São Paulo, Dental School, Brazil
- 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.
- Hauck, F. R., Thompson Tanabe, Moon RY, Vennemann MM. 2011. "Breastfeeding and reduced risk of sudden infant death syndrome: a meta-analysis". *Pediatrics*. 128 (1): 103–10
- Hazimah, H. Y. and Christine Jose. 2013. "Aktivitas Antioksidan dan Antimikrobia dari Ekstrak *Plectranthus amboinicus*". *Jurnal penelitian farmasi Indonesia*. Universitas Riau, Indonesia.
- Herchi, W., Bahashwan, S., Sebei, K. Boukchina, S. 2015. "Effect of Seed Maturation Stages of Physical Properties and Antioxidang Activity in Flaxseed." *Campinas Food Science and Technology*
- Herrero, M. 2015. Phenological growth stages of Longan Honey According to the BBCH Scale. Elsevier, Vietnam.
- 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.

- Hutchings, J. B. 1999. "Food Colour and Appearance". Springer, Heidelberg.
- Ichikawa, T. 1994. Functional Foods in Japan. Di dalam: I. Goldberg (Ed.). Functional Foods: Designer Foods, Pharmafoods, Nutraceuticals. Chapman & Hall, USA.
- Iwansyah A.C., Damanik R.M., Kustiyah L., and Hanafi M. 2016. "Relationship Between Antioxidant Properties and Nutritional Composition of Some Galactopoietics Herbs Used in Indonesia". Bogor agricultural university, Bogor.
- Jackie, O., Oswald, P., and Mitchell J. 2009. "Clinical Toxicity of Plants towards the Isolation from New Fungal Sources." *Journal of American Science*, 15:2342
- Jain N, Goyal S, Ramawat KG. 2011. "Evaluation of antioxidant properties and total phenolic content of medicinal plants used in diet therapy during postpartum healthcare in Rajasthan." *Int J Pharm Pharm Sci*, 3(3): 248-253.
- Juniarti, Osmeli, D., dan Yuhernita. 2009. Kandungan Senyawa Kimia, Uji Toksisitas (Brine Shrimp Lethality Test) dan Antioksidan (1,1-diphenyl-2-pikrilhidrazyl) dari Ekstrak Daun Saga (*Abrus precatorius* L.). *Jurnal Makara Sains*, 13(1): 50-54.
- Kemendes RI. 2011. *Makanan Sehat Ibu Menyusui*. Kementerian Kesehatan RI: Direktorat Bina Gizi.
- Khajali, F. and Slominski, B.A. 2012. "Factors that Affect The Nutritive Value of Canola Mean for Poultry." *Journal of Poultry Science*, P: 2564-2575
- 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
- Kumawat, B.; Mahesh Gupta; Tarachand; and Yogendra Singh. 2012. "Free radical scavenging effect of various extracts of leaves of *Balanites aegyptiaca*(L.) Delile by DPPH method". *Asian Journal of Plant Science and Research*. NIMS Institute of Pharmacy, NIMS University, Jaipur, Rajasthan, India.
- Lawrence M., Naiyana, Damanik. 2005. "Modified Nutraceutical Composition". Freehills patent and Trademark Attorneys Melbourne, Australia.
- Li, X., Xie, C., He, Y. and Qiu, Z. 2012. "Characterizing the Moisture Content of Tea with Diffuse Reflectance Spectroscopy Using Wavelet Transform and Multivariate Analysis". *Journal of Sensors (Basel)*.
- Mason, W. P. and M. Hill. 2012. "Measurement of the viscosity and shear elasticity of liquids by means of a torsionally vibrating crystal; Transactions of the ASME". In: *Journal of Lubricating Technology*.
- Maliya, E. 2009. "Kajian Kandungan Antioksidan dan Kandungan Madu Kaliandra Terhadap Ibu dan Bayi". Universiti Sains Malaysia, Malaysia.

- Millbury, P. Olivier chen., Gregory, and Jeffrey Blumberg. 2007. Determination of Flavonoids and Phenolics and Their Distribution in Almonds - Scientific Figure on ResearchGate. Available from: https://www.researchgate.net/Quantities-of-Flavonoids-and-Phenolic-Acids-in-Eight-Almond-Varieties-g-100-g_tbl3_275342593 [accessed 28 Nov, 2018]
- Miranda, M., Vega G., Martinez, E., Lopez, J., Marin, R., and Aranda, M. 2013. "Influence if Contrasting Environments on Seed Composition of Two Quinoa Genotypes Nutritional and Functional Properties". *Chilean Journal of Agricultural Research*, 122): 2281-2292
- Morilla, L. G., Olga M. Nuñez, Mylene M. Uy. 2015. Brine Shrimp Lethality Test of *Kleinhovia hospita* stem and bark from Agusan del Sur. Department of Biological Sciences, Mindanao State University-Iligan Institute of Technology, Iligan City, 9200, Philippines.
- Moyano, M.J., Heredia, F.J., dan Melendez-Martinez, A.J. 2010. The Color of Olive Oils: The Pigments and Their Likely Health Benefit and Visual and Instrumental Methods. *Comprehensive Reviews in Food Science and Food Safety* 9(3):278-291.
- Nan, H.S., Tai-Hua, S., and Li-Sha, X. 2015. "Effect of pH, Heat, and Light Treatment on the Antioxidant Activity of Sweet Potato Leaf Polyphenols." *International Journal of Food Properties*.
- Nerdy. 2018. IOP Confrence Series: Materials Science and Engineering 288012133.
- Norilham, A., Dian, F., Halfi, B., Azizah, A. 2015. "Influence of Maturity Stages and Extraction Solvents on Antioxidant Activity of *Cosmos xaudatus* Leaves". *International Journal of Research Studies in Biosciences*.
- Nursasanti, A. 2011. Susu Kedelai dengan Penambahan Ekstrak Daun Torbangun (*Coleus amboinicus* Lour) Sebagai Pengembangan Produk Minuman Sumber Kalsium. Institut Pertanian Bogor, Bogor.
- Patanè C. and Cosentino S.L. 2012. Effects of soil water deficit on yield and quality of processing tomato under a Mediterranean climate. Dipartimento di Scienze Agronomiche, Agrochimiche e delle Produzioni Animali (DACPA), Università degli Studi Catania, Via Valdisavoia 5, 95123 Catania, Italy
- Propoulos, A. G. 2003. Fenugreek: The Genus *Trigonella*. CRC Press: United States
- Ranken, J. Echeverria, E., Wardowski. 1997. *Brix and Acid Determination*. University of Florida, Lake Alfred.
- Ross, C. F., Hoyer C Jr., Fernandez-Plotka. 2012. "Influence of heating on the polyphenolic content and antioxidant activity of grape seed flour." *Journal of American science*. School of Food Science, Washington State Univ.,

USA

- Sajad, A. W. and Pradyuman, Kumar. 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.
- Saraswanti Indo Genetech. 2013. *Prosedur Instruksi Kerja; Uji Logam dan Mineral ICP OES*. PT Saraswanti Indo Genetech, Bogor.
- 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.
- Schowalzki P. and Vietro K. 2014. “Nutritional Profile of *Prunus dulcis* with Different Varieties.” *European Journal of Chemistry*, p:2198-2211
- Snehlata H. S., Payal. 2012. Fenugreek (*Trigonella foenum-graecum* L.): an overview. *International Curr. Pharmaceutical*.
- Soka, S., Novalia Benjamin, Herlina Alam, Maggy Thenawidjaja Suhartono. 2010. “Effect of *Sauropus androgynus* Leaf Extracts on the Expression of Prolactin and Oxytocin Genes in Lactating BALB/C Mice”. *Journal of Nutrigenetics and Nutrigenomics*.
- Srinivasan. 2005. Fenugreek (*Trigonella foenum-graecum*): A review of health beneficial physiological effects. *Food Rev. Int.*, Malaysia.
- Stein, R., Horeth, S., Melo, R.D, Syllwasschy, Lee, G., and Clemens, S. 2017. “Relationship Between Soil and Leaf Mineral Composition Are Element-specific, Environment-dependent, and Geographically Structured in The Emerging Model *Arabidopsis halleri*.” *The New Phytologist*, Germany.
- Stratil, P., Bořivoj Klejdus, and Vlastimil Kubáň. 2006. Determination of Total Content of Phenolic Compounds and Their Antioxidant Activity in Vegetables — Evaluation of Spectrophotometric Methods. Department of Chemistry and Biochemistry, Mendel University of Agriculture and Forestry, Zemedelská 1, CZ-613 00 Brno, Czech Republic
- Sulieman, Abdel Moneim & E. Ahmed, Heba & M. Abdelrahim, Awad. (2008). The Chemical Composition of Fenugreek (*Trigonella foenum-graecum* L) and the Antimicrobial Properties of its Seed Oil. *Gezira j. of eng. & applied sci.* 3. 52-71.
- Syarief, H., Rizal Martua Damanik, Tiurma Sinaga, Tetty Herta Doloksaribu. 2014. “ *Pemanfaatan Daun Bangun-Bangun dalam Pengembangan Produk Makanan Tambahan Fungsional untuk Ibu Menyusui. Jurnal Ilmu Pertanian Indonesia (JIPI)*”. Departemen Gizi Masyarakat, Fakultas Ekologi Manusia, Institut Pertanian Bogor, Bogor.

- 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
- Turkyilmaz, C; Onal H.; Turan O.; Koc E.; Ergenekon E.; and Aatalay Y. 2011. "The Effect of Galactagogue Herbal Tea on Breast Milk Production and Short Term Catch-up of Birth Weight In The First Week of Life." *J altern Complement Med.*, 1258, 1298-1299.
- 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).
- USDA. 2018. "Almond milk". *Germplasm Resources Information Network (GRIN)*. Agricultural Research Service (ARS), United States Department of Agriculture (USDA), United States.
- USDA. 2018. "Almond nut". *Germplasm Resources Information Network (GRIN)*. Agricultural Research Service (ARS), United States Department of Agriculture (USDA), United States.
- Young, B., Ji eun K., Ryowon C. 2015. Fennel (*Foeniculum vulgare*) and Fenugreek (*Trigonella foenum-graecum*) Tea Drinking Suppresses Subjective Short-term Appetite in Overweight Woman. Research Institute of Medical Nutrition, Kyung Hee University, Seoul.
- Yulianto, W., 2016. "Komponen Bioaktif Tanaman Torbangun Menghambat Viabilitas dan Mendorong Apoptosis Sel Kanker Payudara MCF-7" Institute Pertanian Bogor, Bogor.
- Zakaria, Farhani. 2012. "Pengaruh Daun Torbangun (*Coleus amboinicus* Lour) dan Daun Katuk (*Sauropus androgynus* L.Merr) Pada Ransum Kambing Peranakan Etawah Laktasi Terhadap Kuantitas dan Kualitas Susu". Institut Pertanian Bogor, Bogor.
- Zel and Reuben Allen. 2001. "On the Highest Perch". *Vegetarians in Paradise*. Los Angeles, California, United States