

REFERENCES

Agromaret, 2011. *Agromaret*. [Online]
Available at:
http://www.agromaret.com/artikel/664/mengenal_tanaman_jeruk_di_indonesia
[Accessed 18 06 2015].

Anon., 2013. [Online]
Available at:
http://www.bps.go.id/tab_sub/view.php?kat=3&tabel=1&daftar=1&id_subyek=55%20¬ab=10
[Accessed 26 11 2014].

Anon., 2014. *Balitjestro*. [Online]
Available at: <http://balitjestro.litbang.pertanian.go.id/id/510.html>
[Accessed 27 11 2014].

Arora, M. & Kaur, P., 2013. Antimicrobial & Antioxidant Activity of Orange Pulp and Peel. *International Journal of Science and Research (IJSR)*, 2(11), pp. 412-415.

Asgary, S. & Keshvari, M., 2013. Effect of Citrus Sinensis Juice on Blood Pressure. *ARYA Atheloschler*, 9(1), pp. 98-101.

Bakkali, F., Averbeck, S., Averbeck, D. & Idaomar, M., 2008. Biological effect of essential oils - A review. *Food and Chemical Toxicology*, Volume 46, pp. 446 - 475.

BPS, 2014. *Badan Pusat Statistik*. [Online]
Available at: <http://www.bps.go.id/site/resultTab>
[Accessed 18 06 2015].

Burt, S., 2004. Essential oil: their antimicrobial properties and potential application in food - a review. *International Journal of Food Microbiology*, Volume 94, pp. 233-253.

Butje, A., Repede, E. & Shattell, M., 2008. Healing Scents: An Overview of Clinical Aromatherapy for Emotional Distress. *Journal of Psychosocial Nursing and Mental Health Services*, 46(10), pp. 46-58.

Choi, S. Y., Kang, P., Lee, H. S. & Seol, G. H., 2014. Effects of Inhalation of Essential Oil of *Citrus aurantium* L. var. *amara* on Menopausal Symptoms, Stress, and Estrogen in Postmenopausal Women: A Randomized Controlled Trial. *Evidence-Based Complementary and Alternative Medicine*, Volume 2014, pp. 1-7.

Deans, S. G. & Ritchie, G., 1987. Antibacterial properties of plant essential oils. *International Journal of Food Microbiology*, Volume 5, pp. 165-180.

Dharmawan, J., Barlow, P. J. & Curran, P., 2006. Characterisation of volatile compounds in selected citrus fruit from Asia. *Developments in Food Science*, Volume 43, pp. 319-322.

Espina, L. et al., 2011. Chemical composition of commercial citrus fruit essential oils and evaluation of their antimicrobial activity acting alone or in combined processes. *Food Control*, Volume 22, pp. 896-902.

Espina, L. et al., 2012. Inactivation of *Escherichia coli* O157:H7 in fruit juices by combined treatments of citrus fruit essential oils and heat. *International Journal of Food Microbiology*, Volume 159, pp. 9-16.

Essien, E. P., Essien, J. P., ITA, B. N. & Ebong, G. A., 2008. Physicochemical Properties and Fungitoxicity of the Essential Oil of *Citrus medica* L. against Groundnut Storage Fungi. *Turk J Bot*, Volume 32, pp. 161-164.

FAO, 2012. *FAOSTAT*. [Online]
Available at: <http://faostat3.fao.org/download/Q/QC/E>
[Accessed 18 06 2015].

Faustina, F. C., 2013. *Major Components in Matoa Fruit Peel and the Antioxidant and Antimicrobial Activity of Its Extract*. Tangerang Selatan: s.n.

Fisher, K. & Phillips, C., 2008. Potential antimicrobial uses of essential oils in food: is citrus the answer?. *Trends in Food Science and Technology*, Volume 19, pp. 156 - 164.

Gyawali, R. & Ibrahim, S. A., 2014. Natural products as antimicrobial agent. *Food Control*, Volume 46, pp. 412-419.

Khare, A. K., Biswas, A. K. & Sahoo, J., 2014. Comparison study of chitosan, EDTA, eugenol and peppermint oil for antioxidant and antimicrobial potentials in chicken noodles and their effect on colour and oxidative stability at ambient temperature storage. *LWT - Food Science and Technology*, Volume 55, pp. 286-293.

Lopresto, C. G. et al., 2014. A non-conventional method to extract D-Limonene from waste lemon peels and comparison with traditional Soxhlet extraction. *Separation and Purification Technology*, Volume 137, pp. 13 - 20.

Mandal, S. C., Mandal, V. & Das, A. K., 2015. *Essentials of Botanical Extraction - Principles and Applications*. London: Elsevier.

Mehl, F. et al., 2014. Differentiation of lemon essential oil based on volatile and non-volatile fractions with various analytical technique: a metabolomic approach. *Food Chemistry*, Volume 143, pp. 325-335.

Milind, P. & Dev, C., 2012. Orange Range of Benefit. *International Research Journal of Pharmacy*, pp. 59-63.

NAHA, 2015. *National Association for Holistic Aromatherapy*. [Online] Available at: <https://www.naha.org/explore-aromatherapy/about-aromatherapy/how-are-essential-oils-extracted>

[Accessed 19 06 2015].

O'Neill, C. E., Nicklas, T. A., Rampersaud, G. C. & Fulgoni III, V. L., 2012. 100% Orange juice consumption is associated with better diet quality, improved nutrient adequacy, decreased risk for obesity, and improved biomarkers of health in adults: National Health and Nutrition Examination Survey, 2003-2006. *Nutrition Journal*, 11(107), pp. 1-10.

PubChem, 2015. *D-Limonene*. [Online] Available at: <http://pubchem.ncbi.nlm.nih.gov/compound/D-Limonene#section=Top> [Accessed 19 06 2015].

Reineccius, G., 2006. Citrus Essential Oil. In: *Flavor Chemistry and Technology*. Boca Raton: Taylor & Francis Group, pp. 224-230.

Ruiz, B. & Flotats, X., 2014. Citrus essential oils and their influence on the anaerobic digestion process: An overview. *Waste Management*, Volume 34, pp. 2063 - 2079.

Sacchetti, G. et al., 2004. Composition and Functional Properties of the Essential Oil of Amazonian Basil, *Ocimum micranthum* Willd., Labiatae in Comparison with Commercial Essential Oils. *Journal of Agricultural and Food Chemistry*, 52(11), pp. 3486-3491.

SNI, 2006. *Standar Nasional Indonesia*. [Online] Available at: <https://theadiokecenter.files.wordpress.com/2010/06/sni-06-2385-2006-minyak-nilam.pdf> [Accessed 18 06 2015].

Soumaya, B., Rahali, F. Z., Ourghemmi, I. & Tounsi, M. S., 2011. Changes of Peel Essential Oil Composition of Four Tunisian Citrus during Fruit Maturation. *The Scientific World Journal*, pp. 1-10.

S., Qordhowi, Y., Pulungan, M. H. & Mulyadi, A. F., 2014. *PEF (Pulsed Electric Field) Method Implementation on Essential Oil Distillation of Kaffir Lime Leaves (Citrus hystrix DC) - (Study of Voltage and Anode-Cathode Distance)*. [Online] Available at: <http://skripsitip.staff.ub.ac.id/files/2014/07/Jurnal-Yusuf-Qordhowi.pdf> [Accessed 19 06 2015].

Tsao, R., 2015. Synergistic interactions between antioxidants used in food preservation. In: *Handbook of Antioxidants for Food Preservation*. Guelph: Woodhead Publishing, pp. 335-347.

Turek, C. & Stintzig, F. C., 2013. Stability of Essential Oils: A Review. *Comprehensive Reviews in Food Science and Food Safety*, 12(1), pp. 40-53.

ÜNAL, M. Ü., UÇAN, F., ŞENER, A. & DİNÇER, S., 2012. Research on antifungal and inhibitory effects of DL-limonene on some yeasts. *Turk J Agric For*, Volume 36, pp. 576-582.

USDA, 2015. *USDA*. [Online]
Available at: <http://apps.fas.usda.gov/psdonline/circulars/citrus.pdf>
[Accessed 07 05 2015].

Valgas, C., de Souza, S. M., Smânia, E. F. A. & Smânia Jr, A., 2007. SCREENING METHODS TO DETERMINE ANTIBACTERIAL ACTIVITY OF NATURAL PRODUCTS. *Brazilian Journal of Microbiology*, Volume 38, pp. 369-380.

Wiyono, B., H. & Hastoeti, P., 2000. Sifat dasar minyak keruing dan kemungkinan penerapan baku mutunya. *Buletin Penelitian Hasil Hutan*, 18(2), pp. 123-135.

Wu, Z. et al., 2013. Variation in the components and antioxidant activity of *Citrus medica* L. var. *sactodactylis* essential oils at different stage of maturity. *Industrial Crops and Products*, Volume 46, pp. 311-316.

Zhong, Y. & Shahidi, F., 2015. Methods of the assesment of antioxidant activity in foods. In: *Handbook of Antioxidant for Food Preservation*. London: Elsevier, pp. 287-332.

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