

REFERENCES

- Agrawal, P., Deshmukh S., A. Ali, Patil S., Magdum C. S., Mohite S.K. and Nandgude T.D.2007.*Wild flowers as medicines*. International Journal of Green Pharmacy 1(1):12.
- Arti, S., S. Anugrag, and Y. Sarika.2011.*A kinetic study on cellulase enzymes from aspergillus niger*.International Journal of Pharma and Bio Sciences 2(3):36-40.
- Barik, D. P., S. K. Naik, A. Mudgal, and P. K. Chand.2007.*Rapid plant regeneration through in vitro axillary shoot proliferation of butterfly pea (Clitoria ternatea L.) – a twinning legume*. In Vitro Cell.Dev.Biol.-Plant, 43 : 144-148
- Daisy, P. and M. Rajathi.2009.*Hypoglycemic Effects of Clitoria ternatea Linn. (Fabaceae) in Alloxan-induced Diabetes in Rats*. Tropical Journal of Pharmaceutical Research 8(5): 393-398.
- Daniel, O., M. S. Meier, J. Schlatter, and P. Frischknecht.1999.*Selected phenolic compounds in cultivated plants: ecologic functions, health implications, and modulation by pesticides*. Environmental Health Perspectives 107: 109–114.
- Giusti, M. M., R. E. Wrolstad. In: R. E. Wrolstad, T. E. Acree, E. A. Decker, M. H. Penner, et al(Eds).2005.*Handbook of Food Analytical Chemistry. Pigments, colorants, flavor, texture, and bioactive food components*.Wiley&Sons:Hoboken:19-31
- Giusti, M. and Wrolstad, R. E. 2001. *Characterization and Measurement of Anthocyanins by UV-Visible Spectroscopy*. Current Protocols in Food Analytical Chemistry

Handoko, T., G. Suhandjaja, and H. Muljana. 2012. *Hidrolisis serat selulosa dalam buah bintaro sebagai sumber bahan baku bioetanol*. Jurnal teknik Kimia Indonesia 11(1):26-33.

Harborne, J.B.1967. *Comparative Biochemistry of the Flavanoids*. Academic Press, London.

Holderbaum, D. F., T. Kon, T. Kudo, and M. P. Guerra. 2010.*Enzymatic browning, polyphenoloxidase activity, and polyphenols in four apple cultivars: Dynamics during Fruit development*. Hortscience 45(8)1150-1154

Hong, V. And Wrolstad, R. E. 1990. Use of HPLC separation/ photodiode array detection for characterization of anthocyanins. Journal Agricultural of Food Chemistry 38:708-715.

Hurst, P. L., J. Nielsen, P. A. Sullivan, and M. G. Shepherd.1977.*Purification and Properties of a Cellulase from Aspergillus niger*.Biochem journal 165:33-41

Jain, N. N., C. C. Ohal, S. K. Shroff, R. H. Bhutada, R. S. Somani, V. S. Kasture, and S. B. Kasture. 2003. *Clitoria ternatea and the CNS*. Pharmacology, Biochemistry and Behaviour 75:529-536.

Jin, Xi.2010.*Breaking Down Cellulose*.
<http://large.stanford.edu/courses/2010/ph240/jin2/>, Accessed on October 26,2013

Kamkaen, N., and J. M. Wilkinson.2009.*The Antioxidant Activity of Clitoria ternatea Flower Petal Extracts and Eye Gel*.Phytotherapy research 23:1624-1625.

Kazuma K., N. Noda and M. Suzuki.2003.*Malonylated flavonol glycosides from the petals of Clitoria ternatea*. Phytochemistry62:229-237.

Kazuma, K., N. Noda, and M. Suzuki. 2003. *Flavonoid composition related to petal color in different lines of Clitoria ternatea*. *Phytochemistry* 64:1133-1139

Kong J.M, L. S. Chia, N.K. Goh, T. F. Chia, and R. Brouillard.2003. *Analysis and biological activities of anthocyanins*.*Phytochemistry* 64(5):923-933.

Kushi, L.H., C. Doyle, M. McCullough., C.L. Rock, W. Demark-Wahnefried, E. V. Bandera, S. Gapstur, A. V. Patel, K. Andrews, and T. Gansler.2012.*American Cancer Society guidelines on nutrition and physical activity for cancer prevention*. *CA: A Cancer Journal for Clinicians* 62(1):30-67.

Lee, J., R. W. Durst, and R. E. Wrolstad. 2005. *Determination of Total Monomeric Anthocyanin Pigment Content of Fruit Juices, Beverages, Natural Colorant, and Wines by the pH Differential Method: Collaborative Study*.*Journal of AOAC International* 88(5):1269-1278.

Mohamad, M.F., S.N.S Nasir, and M.R. Sarmidi. 2011.*Degradation kinetics and colour of anthocyanins in aqueous extracts of butterfly pea*.*Asian Journal of Food and Agro-industry* 4(5):306-315

Morris, J.B.2009. *Characterization of butterfly pea (Clitoria ternatea L.) accessions for morphology, phenology, reproduction and potential nutraceutical, pharmaceutical trait utilization*.*Genet Resour Crop Evol* 56:421-427.

Morton, L. W., C. Abu-Amsha, I. B. Puddey, and K. D. Croft.2000.*Chemistry and biological effects of dietary phenolic compounds: Relevance to cardiovascular diseases*. *Clinical and Experimental Pharmacology and Physiology* 27:152–159.

Muhammad, A., S. M. Dangoggo, A. I. Tsafe, A. U. Itodo, and F. A. Atiku. 2011. *Proximate, minerals and anti-nutritional factors of Gardenia aqualla (Gauden dutse) fruit pulp*. *Pakistan Journal of Nutrition* 10: 577-581.

Neda G. D., M. S. Rabeta and M. T. Ong.2013.*Chemical composition and anti-proliferative properties of flower of Clitoria ternatea*. International Food Research Journal 20(3):1229-1234.

Oluyemi, E. A., A. A. Akilua, A. A. Adenuya, and M. B. Adebayo. 2006. *Mineral contents of some commonly consumed Nigerian foods*. Science Focus 11: 153-157.

Patras, A., N. P. Brunton, C. O'Donnell, and B.K Tiwari. 2010. Effect of thermal processing on anthocyanin stability in foods; mechanisms and kinetics of degradation.

Pardo, A.G., and Forchiassin F. 1999. *Influence of temperature and pH on cellulase activity and stability in Nectria catalinensis*. Revista Argentina de Microbiologia 31(1):31-35.

Raghvendra, V. Sharma, A. Shakya, M. D. Hedaytullah, G. S. Arya, A. Mishra, A. D.Gupta, A. P. Pachpute, and D. Patel.2011.*Chemical and potential aspects of anthocyanins-a water soluble vacuolar flavonoid pigments:a review*.International Journal of Pharmaceutical Sciences Review & Research 6(1):28-33

Rabeta, M.S., S. Suzana, and G. Ahmad Rohi.2009.*Low fiber intake increased risk of breast cancer in pre menopausal women*. 14th National conference on medical and health sciences.

Rabeta, M.S., and A. Nabil Z.2013.*Total phenolic compound and scavenging activity in Clitoria ternatea and Vitex negundo linn*. International Food Research Journal 20(1):495-500.

Sarumathy, K., M.S. D. Rajan, T. Vijay, and J. Jayakanthi. 2011. *Evaluation of phytoconstituents, nephro-protective and antioxidant activities of Clitoria ternatea*. Journal of Applied Pharmaceutical Science 1(5):164-172.

Shahidi, F. 2000. *Antioxidants in food and food antioxidants*. Nahrung 44:158–163.

Shahidi, F., and M. Naczk. 2004. *Phenolics in food and nutraceuticals*. Boca Raton, FL: CRC Press.

Shui, G., and L.P. Leong. 2006. *Residue from star fruit as valuable source for functional food ingredients and antioxidant nutraceuticals*. Food Chemistry 97:277–284.

Skibola, C. F., M. T. Smith. 2000. *Potential health impacts of excessive flavonoid intake*. Free Radical Biology and Medicine 29(3-4):375-383.

Strack, D. and V. Wray. 1989. *Anthocyanins*. In Methods in Plant Biochemistry. Plant phenolics 1 (P.M. Dey and J.B Harborne. Eds). Academic Press:Sand Diego.

Swiss German University Laboratory Manual. 2012

Terahara, N., Matsui T., Osajima Y., Saito N., Toki K., and Honda T. 1998. *Eight new anthocyanins, ternatins C1-C5 and D3 and preternatins A3 and C4 from young clitoria ternatea flower*. Journal of Natural Products 61(11):1361-1367.

Terahara, N., N. Saito, T. Honda, and K. Toki. 1989. *Structure of ternatin D1, an acylated anthocyanin from clitoria ternatea flowers*. Tetrahedron Letters 30(39):5305-5308.

Terahara, N., N. Saito, T. Honda, K. Toki, and Y. Osajima. 1990. *Structure of ternatin A1, the largest ternatin in the major blue anthocyanins from clitoria ternatea flowers*. Tetrahedron Letters 31(20):2921-2924.

Terahara, N., Oda. M., Matsui T., Osajima Y., Saito N., Toki K., and Honda T.1996.
Five new anthocyanins, ternatins A3, B4, B3, B2, and D2 from Clitoria ternatea flowers. Journal of Natural Products 59(2):139-144

Tropical Forages Website.2007.*Clitoria ternatea.* http://www.tropicalforages.info/key/Forages/Media/Html/Clitoria_ternatea. Accessed on November 10, 2013.

Vucenik, I. and Shamsuddin, A. K. M. 2003. *Cancer inhibition by inositol hexaphosphate (IP6) and inositol: from laboratory to clinic.* The Journal of Nutrition 133(11): 3778S-3784S.

WHO – “Diabetes.”<http://www.who.int/mediacentre/factsheets/fs312/en/>, Accessed on October 25, 2013

Wyman, C. E., Stephen R. D., Michael E. H., John W. B., Catherine E. S., and Liisa V.*Hydrolysis of Cellulose and Hemicellulose.*In: Dumitriu, S., ed. Polysaccharides: Structural Diversity and Functional Versatility, Second Edition. USA : Marcel Dekker.

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