

## LIST OF PUBLICATION 2012

1. Abang Masli, D.A., Parveez, G.K.A. & **Ismanizan, I.** 2012. Optimisation of 2-deoxyglucose concentration for identifying the sensitivity level for oil palm embryogenic calli. *Journal for Oil Palm Research* 24:1296-1302.
2. Abdullah, A., Kobayashi, H., Matsumura, I., Matsuda, T., **Hassan, M.**, Md-Akhir, M.D., Paidi, N., Hassan, A., Mohd-Huda, M. I. 2012. Revisiting Japanese food consumption patterns. *International Journal of East Asian Studies* 1(1):1-24.
3. Abdul-Rahman, S., Bakar, A.A. & **Mohamed-Hussein, Z-A.** 2012. An intelligent data pre-processing of complex datasets. *Intelligent Data Analysis* 16:305-325.
4. Agisimanto, D., **Normah M. N.**, Ibrahim, R. & Mohamad, A. 2012. Efficient somatic embryo production of Limau madu (*Citrus suhuiensis* Hort. ex Tanaka) in liquid culture. *African Journal of Biotechnology*, 11(12):2879-2888.
5. **Azizan, K.A.**, & **Baharum, S.N.**, Habtom W. Resson & **Normah, M. N.** 2012. GC-MS analysis and PLS-DA validation of the trimethyl silyl-derivatization techniques. *American Journal of Applied Sciences* 9 (7): 1124-1136
6. Azizan, K.A., **Baharum, S.N.** & **Normah, M.N.** 2012. Metabolic profiling of *Lactococcus lactis* under different culture conditions. *Molecules* 17(7): 8022-8036.
7. **Baharum, S.N.** & Aziz, N.A. 2012. Application of 16s rDNA and cytochrome b ribosomal markers in studies of lineage and fish populations structure of aquatic species. *Molecular Biology Reports* 39(5):5225-32.
8. Bari, M.D., **Hassan, M.**, Akai, N., Arima, J. & Mori, N. 2012. Gene cloning and biochemical characterization of 4-N--trimethylaminobutyraldehyde dehydrogenase II from *Pseudomonas sp.* 13CM. *World Journal of Microbiology & Biotechnology* doi:10.1007/s11274-012-1224-x.
9. Behboodian, B., Ali, Z.M., **Ismail, I.** & **Zainal, Z.** 2012. Postharvest analysis of lowland transgenic tomato fruits harboring hpRNAiACO1 construct. *The Scientific World Journal* Vol (2012) doi:10.1100/2012/439870.
10. Bostan, H., Naomie, S., **Mohamed-Hussein, Z.A.**, Klappa, P. & Shamsir, M.S. 2012. CMD: A database to store the bonding states of cysteine motifs with secondary structures. *Advances in Bioinformatics* doi:10.1155/2012/849830.

11. Che Radziah, C.M.Z., Siti Nurkhalida, A.K., **Zamri, Z.** & **Ismanizan, I.** 2012. Effect of illumination, casein and Hydrolysate and Proline on callus induction of *Oryza sativa* L. CV. MR219. *Malaysia Applied Biology* 41(1):37-41.
12. Cheng, A., **Ismail, I.**, Osman, M. & Hashim, H. 2012. Simple and rapid molecular techniques for identification of amylose levels in rice varieties. *International Journal of Molecular Sciences*, 13(5): 6156-6166.
13. Ee S.F., Oh, J.M., **Mohd Noor, N.**, Kwon, T.R., **Mohamed-Hussein, Z.A.**, **Ismail, I.** & **Zainal, Z.** 2012. Transcriptome profiling of genes induced by salicylic acid and methyl jasmonate in *Polygonum minus*. *Molecular Biology Reports* DOI 10.1007/s11033-012-2286-4.
14. Elcy, G.P.S., Clyde, M.M., Park, Y.J. & **Normah, M.N.** 2012. Simple Sequence Repeat (SSR) profiling of cultivated Limau Madu (*Citrus reticulata* Blanco) in Malaysia. *Fruits*, 67: 67–76.
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18. Mawa, S., **Said, I.M.** 2012. Chemical constituents of *Garcinia prainiana*. *Sains Malaysiana* 41(5):585-590.
19. Mohamad, A.B., **Sidik, N.M.**, Omar, A.F., Mohd Kashim, M.I.A. & Mohd Nor, A.H. 2012. Changing in the aspect of nature and name (Istihalah): Its point of view in the Islamic Law. *Research Journal of Applied Sciences* 7(2): 113-118.

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25. Song, A.A-L., Abdullah, J.O., Abdullah, M.P., Shafee, N., **Othman, R.** Tan, E.F., **Normah, M.N.** & Abdul Rahum, R. 2012. Overexpressing 3-hydroxy-3-methylglutaryl Coenzyme A reductase (HMGR) in the *Lactococcal* mevalonate pathway for heterologous plant sesquiterpene production. *PLOS ONE* 7(12): e52444.
26. Taha, R.S., **Ismail, I., Zainal, Z.** & Abdullah, S.N.A. The stearyl-acyl-carrier-protein desaturase promoter (Des) from oil palm confers fruit-specific GUS expression in transgenic tomato. *Journal of Plant Physiology* 24(April): 1296-1302.
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