
Senarai Jurnal Berwasit 2011

- 1 Abdelwahab, S.I., Hassan, L.E.A., Sirat, H.M., Sakina, M. Yagi, A., Koko, W.S., Mohan, S., Taha, M.M.E., Syahida, A., Cheah, S.C., Narrima, P. and Rais, M.M. (2011). Anti-inflammatory activities of cucurbitacin E isolated from *Citrullus lanatus* var. *citroides*: role of reactive nitrogen species and cyclooxygenase enzymes inhibition. *Fitoterapia*. 82(8): 1190-1197. (IF: 1.899)
- 2 Abdul-Rahman, M.B., Abdul-Ghani, N., Salleh, N.G.N., Basri, M., Abdul-Rahman, R.N.Z. and Salleh, A.B. (2011). Development of coating materials from liquid wax esters for wood top-based coating. *Journal of Coatings Technology Research*. 8(2): 229-236. (IF: 0.838)
- 3 Abdul-Rahman, R.N.Z., Salleh, A.B., Basri, M. and Wong, C.F. (2011). Role of α -helical structure in organic solvent-activated homodimer of elastase strain K. *International Journal of Molecular Sciences*. 12: 5797-5814. (IF: 2.279)
- 4 Adam, Z., Ismail, A., Khamis, S., Mokhtar, M.H.M. and Hamid, M. (2011). Antihyperglycemic activity of *F. deltoidea* ethanolic extract in normal rats. *Sains Malaysiana*. 40(5): 489-495. (IF: 0.152)
- 5 Adawiyah, S.R., Mustafa, S., Yazid, A.M.M., Manaf, A.A., Rosli, N. and Sreeramanan, S. (2011). Molecular cloning and sequence analysis of an inulinase gene from an *Aspergillus* sp. *World Journal of Microbiology and Biotechnology*. 27: 2173-2185. (IF: 1.214)
- 6 Adnani, A., Basri, M., Chaibakhsh, N., Ahangar, H.A., Salleh, A.B., Abdul-Rahman, R.N.Z. and Rahman, M.B.A. (2011). Chemometric analysis of lipase-catalyzed synthesis of xylitol esters in a solvent-free system. *Carbohydrate Research*. 346: 472-479. (IF: 2.025)
- 7 Adnani, A., Basri, M., Chaibakhsh, N., Rahman, M.B.A. and Salleh, A.B. (2011). Artificial neural network analysis of lipase-catalyzed synthesis of sugar alcohol ester. *Industrial Crops and Products*. 33(1): 42-48. (IF: 2.507)
- 8 Adnani, A., Basri, M., Chaibakhsh, N., Salleh, A.B. and Rahman, M.B.A. (2011). Lipase-catalyzed synthesis of a sugar alcohol-based nonionic surfactant. *Asian Journal of Chemistry*. 23(1): 388-392. (IF: 0.268)
- 9 Ahmad, S.A., Shamaan, N.A., Arif, N.M., Gan, B.K., Shukor, M.Y.A. and Syed, M.A. (2011). Enhanced phenol degradation by immobilized *Acinetobacter* sp. strain AQ5NOL 1. *World Journal of Microbiology and Biotechnology*. 28: 347-352. (IF: 1.214)
- 10 Ahmad, S.A., Syed, M.A., Arif, N.M., Shukor, M.Y.A. and Shamaan, N.A. (2011). Isolation, identification and characterization of elevated phenol degrading *Acinetobacter* sp. Strain AQ5NOL 1. *Australian Journal of Basic and Applied Sciences*. 5(8): 1035-1045.
- 11 Ali, M.E., Hashim, U., Mustafa, S., Che-Man, Y.B. and Yusof, H. (2011). Nanoparticle sensor for label-free detection of swine DNA in mixed biological samples. *Nanotechnology*. 22(195503): 1-8. (IF: 3.653)
- 12 Ali, M.E., Hashim, U., Mustafa, S., Che-Man Y.B. and Islam, K.N. (2011). Gold nanoparticle sensor for the visual detection of pork adulteration in meatball formulation. *Journal of Nanomaterials*. 2012: 1-7. (IF: 1.675)
- 13 Ali, M.E., Hashim, U., Mustafa, S., Che-Man, Y.B., Yusop, M.H.M., Kashif, M., Dhahi, T.H.S., Bari, M.F., Hakim, M.A. and Latif, M.A. (2011). Nanobiosensor for detection and quantification of swine specific DNA sequences in degraded mixed meats. *Journal of Nanomaterials*. 35: 1-11. (IF: 1.675)

- 14 Alitheen, N.B., Chuah, L.O., Yeap, S.K., Tan, K.C., Ho, K.L. and Ho, W.Y. (2011). Cytotoxic effects of commercial wheatgrass and fiber towards human acute promyelocytic leukemia cells (HL60). *Pakistan Journal of Pharmaceutical Sciences*. 24(3): 243-250. (IF: 0.728)
- 15 Al-Qubaisi, M., Rosli, R., Yeap, S.K., Omar, A.R., Ali, A.M. and Alitheen, N.B. (2011). Selective cytotoxicity of goniothalamin against hepatoblastoma HepG2 cells. *Molecules*. 16: 2944-2959. (IF: 1.738)
- 16 Al-Sheraji, S.H., Ismail, A., Manap, M.Y., Mustafa, S., Yusof, R.M. and Hassan, F.A. (2011). Functional properties and characterization of dietary fiber from *Mangifera pajang Kort.* fruit pulp. *Journal of Agriculture and Food Chemistry*. 59: 3980-3985. (IF: 2.469)
- 17 Ang, S., Salleh, A.B., Fatimah, A.B., Yusof, N.A., Zaman, M.Z. and Lee, Y.H. (2011). Effect of boric acid on the growth and production of β -glucosidase *Paecilomyces variotii*. *African Journal of Microbiology Research*. 5(17): 2451-2454. (IF: 0.528)
- 18 Arifin, N., Cheong, L.Z., Koh, S.P., Long, K., Tan, C.P., Yusoff, M.S.A., Idris, N.A., Lo, S.K. and Lai, O.M. (2011). Physicochemical properties and sensory attributes of medium and long chain triacylglycerols (MLCT) enriched bakery shortening. *Food Bioprocess Technology*. 4: 587-596. (IF: 3.576)
- 19 Arifin, N., Cheong, L.Z., Koh, S.P., Long, K., Tan, C.P., Yusoff, M.S.A. and Lai O.M. (2011). Physicochemical properties of margarines enriched with medium- and long-chain triacylglycerol. *ASM Science Journal*. 4(2): 113-122.
- 20 Azizi, F., Jahanshiri, F., Omar, A.R., Sekawi, Z. and Yusoff, K. (2011). Dynamics of the bacterially expressed conserved immunogenic region of the human respiratory syncytial virus G protein. *Biotechnology and Applied Biochemistry*. 58(2): 97-102. (IF: 1.239)
- 21 Baharuddin, A.S., Rahman, N.A.A., Md-Shah, U.K., Hassan, M.A., Wakisaka, M. and Shirai, Y. (2011). Evaluation of pressed shredded empty fruit bunch (EFB)-palm oil mill effluent (POME) anaerobic sludge compost by using SEM, FT-IR, ^{13}C CP/MAS NMR and XRD spectroscopy analyses. *African Journal of Biotechnology*. 10(41): 8082-8089. (IF: 0.565)
- 22 Baharum, H., Hiroyuki, M., Akifumi, T., Lee, F.C., Ng, K.Y., Raha, A.R., Ikuro, A. and Ho, C.L. (2011). Molecular cloning, modeling, and site-directed mutagenesis of type III polyketide synthase from *Sargassum binderi* (Phaeophyta). *Marine Biotechnology*. 13: 845-856. (IF: 2.962)
- 23 Ch'ng, W.C., Saw, W.T., Yusoff, K. and Shafee, N. (2011). Immunogenicity of a truncated enterovirus 71 VP1 protein fused to a Newcastle disease virus nucleocapsid protein fragment in mice. *Acta Virologica*. 55: 233-232. (IF: 0.746)
- 24 Ch'ng, W-C., Stanbridge, E.J., Ong, K-C., Wong, K-T., Yusoff, K. and Shafee, N. (2011). Partial protection against enterovirus 71 (EV71) infection in a mouse model immunized with recombinant Newcastle disease virus capsids displaying the EV71 VP1 Fragment. *Journal of Medical Virology*. 83: 1783-1791. (IF: 2.895)
- 25 Chan, W.S., Abdullah, J.O. and Parameswari, N. (2011). Isolation, cloning and characterization of fragrance-related transcripts from *Vanda Mimi Palmer*. *Scientia Horticulturae*. 127: 388-397. (IF: 1.197)
- 26 Che-Man, Y.B., Mustafa, S., Mokhtar, N.F.K., Nordin,R. and Sazili, A.Q. (2011). Porcine-specific polymerase chain reaction assay based on mitochondrial D-loop gene for identification of pork in raw meat. *International Journal of Food Properties*. 15: 134-144. (IF: 1.100)

- 27 Chee, S.K., Mun, T.W., Sy, B.C., Ching, C.C., Yoke, H.Y., Wahab, H.A., Normi, Y.M., Wei, C.S.T. and Ling, L.F. (2011). *Klebsiella pneumoniae* yggG gene product: A zinc-dependent Metalloprotease. *International Journal of Molecular Sciences*. 12: 4441-4455. (IF: 2.279)
- 28 Cheng, S., Kirkton, L.G., Shapor, S.S., Panandam, J.M. and Tan, S.G. (2011). Evidence for a higher number of *Odontotermes* species (Macrotermitidae) than previously thought from mitochondrial DNA phylogenies. *PLoS ONE*. 6(6): e20992. (IF: 4.411)
- 29 Cheong, K.W. Leow, T.C., Abdul-Rahman, R.N.Z., Basri, M., Rahman, M.B.A. and Salleh, A.B. (2011). Reductive alkylation causes the formation of a molten globule-like intermediate structure in *Geobacillus zalihae* strain T1 thermostable lipase. *Applied Biochemistry and Biotechnology*. 164(3): 362-375. (IF: 1.879)
- 30 Cheong, L.Z., Tan, T.C., Long, K., Idris, N.A., Yusoff, M.S.A. and Lai, O.M. (2011). Baking performance of palm diacylglycerol bakery fats and sensory evaluation of baked products. *European Journal of Lipid Science and Technology*. 113: 253-261. (IF: 1.831)
- 31 Chew, F.N., Tan, W.S. and Tey, B.T. (2011). Fluorescent quantitation method for differentiating the nativity of green fluorescent protein. *Journal of Bioscience and Bioengineering*. 111(2): 246-248. (IF: 1.749)
- 32 Chew, F.N., Tan, W.S., Ling, T.C. and Tey, B.T. (2011). Optimization of a native gel electrophoresis for the purification of intracellular green fluorescent protein from intact *Escherichia coli* cells. *Process Biochemistry*. 46(1): 399-403. (IF: 2.444)
- 33 Chew, W., Yap, C.K., Ismail, A., Zakaria, M.P. and Tan, S.G. (2011). Possibility of Hg redistribution in *Tridax procumbens* due to Hg contamination. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*. 13: 392-398.
- 34 Chong, H.Z., Rahmat, A., Md-Akim, A., Alitheen, N.B., Othman, F. and Gwendoline, E.C.L. (2011). Anti-proliferative effects of pandan leaves (*Pandanus amaryllifolius*), kantan flower (*Etlingera elatior*) and turmeric leaves (*Curcuma longa*). *Nutrition and Food Science*. 41(4): 238-224.
- 35 Danial, M., Chan, L.K., Alwee, S.S.R.S., Maziah, M. and Subramaniam, S. (2011). Chemotaxis movement assay of *Eurycoma longifolia* using wild and disarmed strains of *Agrobacterium rhizogenes*. *Journal of Medicinal Plants Research*. 5(8): 1405-1410. (IF: 0.879)
- 36 Darlis, Abdullah, N., Juan, B.L. and Ho, Y.W. (2011). Energy requirement for maintenance of growing and adult male lesser mouse deer (*Tragulus javanicus*) in captivity. *Mammalian Biology*. 76: 365-368. (IF: 1.264)
- 37 Ebrahimpour, A., Abdul-Rahman, R.N.Z., Kamarudin, N.H.A., Basri, M. and Salleh, A.B. (2011). Lipase production and growth modeling of a novel thermophilic bacterium *Aneurinibacillus thermoerophilus* strain AFNA. *Electronic Journal of Biotechnology*. 14(4): 1-16. (IF: 0.865)
- 38 Ebrahimpour, A., Abdul-Rahman, R.N.Z., Basri, M. and Salleh, A.B. (2011). High level expression and characterization of a novel thermostable, organic solvent tolerant, 1, 3-regioselective lipase from *Geobacillus* sp. strain ARM. *Bioresource Technology*. 102: 6972-6981. (IF: 4.365)
- 39 Esa, Y.E., Siraj, S.S., Rahim, K.A.A., Daud, S.K., Chong, H.G., Tan, S.G. and Syukri, M.F. (2011). Genetic characterization of two mahseer species (*Tor douronensis* and *Tor tambroides*) using microsatellite markers from other cyprinids. *Sains Malaysiana*. 40: 1087-1095. (IF: 0.152)
- 40 Ezyana, K.B., Seng, P.Y. and Abd-Aziz, S. (2011). Effect of oil palm empty fruit bunch particle size on cellulase production by *Botryosphaeria* sp. under solid state fermentation. *Australian Journal of Basic and Applied Sciences*. 5(3): 276-280.

- 41** Gani, S.S.A., Basri, M., Rahman, M.B.A., Kassim, A., Abdul-Rahman, R.N.Z., Salleh, A.B. and Ismail, Z. (2011). Engkabang fat as a base in preparing encapsulated titanium dioxide for cosmetics purpose. *Asian Journal of Chemistry*. 23(1): 380-384. (IF: 0.213)
- 42** Gani, S.S.A., Basri, M., Rahman, M.B.A., Kassim, A., Abdul-Rahman, R.N.Z., Salleh, A.B. and Ismail, Z. (2011). Engkabang fat esters for cosmeceutical formulation. *Journal of Surfactants and Detergents*. 14(2): 227-233. (IF: 0.795)
- 43** Go, R., Eng, K., Mustafa, M., Abdullah, J.O., Naruddin, A.A., Lee, N.S., Lee, C.S., Eum, S.M., Park, K.W. and Choi, K. (2011). An assessment of orchids' diversity in Penang Hill, Penang, Malaysia after 115 years. *Biodiversity and Conservation*. 20(10): 2263-2272. (IF: 2.066)
- 44** Goh, K.M., Chua, Y.S., Abdul-Rahman, R.N.Z., Chan, R. and Illias, R.M. (2011). A comparison of conventional and miniprimer PCR to elucidate bacteria diversity in Malaysia Ulu Slim hot spring using 16S rDNA clone library. *Romanian Biotechnological Letters*. 16: 6273-6281. (IF: 0.152)
- 45** Goh, Z.H., Tan, S.G., Bhassu, S. and Tan, W.S. (2011). Virus-like particles of *Macrobrachium rosenbergii* nodavirus produced in bacteria. *Journal of Virological Methods*. 175(1): 74-79. (IF: 2.139)
- 46** Hafid, H.S., Rahman, N.A.A., Abd-Aziz, S. and Hassan, M.A. (2011). Enhancement of organic acids production from model kitchen waste via anaerobic digestion. *African Journal of Biotechnology*. 10(65): 14507-14515. (IF: 0.565)
- 47** Hamzah, H.H., Yusof, N.A., Salleh, A.B. and Fatimah, A.B. (2011). An optical test strip for detection of benzoic acid in food. *Sensors*. 11(8): 7302-7313. (IF: 1.917)
- 48** Hamzah, H.H., Yusof, N.A., Salleh, A.B. and Fatimah, A.B. (2011). Spectrophotometric determination of benzoic based inhibitive effect on tyrosinase enzyme. *Asian Journal of Chemistry*. 23(3): 1133-1136. (IF: 0.268)
- 49** Hatin, W.I., Nur-Shafawati, A.R., Zabri, M.H., Xu, S., Jin, L., Tan, S.G., Rizman-Idid, M. and Zilfalil, B.A. (2011). Population genetic structure of Peninsular Malaysia Malay subethnic groups. *PLoS ONE*. 6(4): e18312. (IF: 4.411)
- 50** Hendra, R., Syahida, A., Sukari, A., Shukor, M.Y. and Oskoueian, E. (2011). Flavonoid analyses and antimicrobial activity of various parts of *Phaleria macrocarpa* (Scheff.) boerl fruit. *International Journal of Molecular Sciences*. 12(16): 3422-3431. (IF: 2.279)
- 51** Hendra, R., Syahida, A., Sukari, A. Shukor, M.Y.A. and Oskoueian, E. (2011). Antioxidant, anti-inflammatory and cytotoxicity of *Phaleria macrocarpa* (Boerl.) Scheff fruit. *BMC Complementary and Alternative Medicine*. 11(110): 1-10. (IF: 2.200)
- 52** Hiroshi, N., Hidayah, A. and Masamitsu, F. (2011). Basic characteristic of cellulase immobilized on lignophenol. *Kobunshi Ronbunshu*. 68(5): 315-319. (IF: 0.188)
- 53** Htwe, N.N., Maziah, M., Ho, C.L., Faridah, Q.Z. and Abdullah, M.Z. (2011). Responses of some selected Malaysian rice genotype to callus induction under in vitro salt stress. *African Journal of Biotechnology*. 10(3): 350-362. (IF: 0.573)
- 54** Htwe, N.N., Maziah, M., Ho, C.L., Faridah, Q.Z. and Abdullah, M.Z. (2011). Regeneration capacity of cell suspension culture in Malaysian rice genotypes under salinity stress. *Asian Journal of Biotechnology*. 3(4): 357-367. (IF: 0.590)
- 55** Iskandar, N.L., Mohd-Zainudin, N.A.I. and Tan, S.G. (2011). Tolerance and biosorption of copper (Cu) and lead (Pb) by filamentous fungi isolated from a freshwater ecosystem. *Journal of Environmental Sciences*. 23: 824-830. (IF: 1.513)

- 56 Isnazunita, I., Hassan, M.A., Abdul-Rahman, N.A. and Chen, S.S. (2011). Effect of retention time on biohydrogen production by microbial consortia immobilised in polydimethylsiloxane. *African Journal of Biotechnology*. 10(4): 601- 609. (IF: 0.573)
- 57 Jahromi, M.F., Liang, J.B., Rosfarizan, M., Goh, Y.M., Shokryyazdan, P. and Ho, Y.W. (2011). Efficiency of rice straw lignocelluloses degradability by *Aspergillus terreus* ATCC 74135 in solid state fermentation. *African Journal of Biotechnology*. 10(21): 4428-4435. (IF: 0.573)
- 58 Jiang, L.C., Basri, M., Omar, D., Abdul-Rahman, M.B., Salleh, A.B. and Abdul-Rahman, R.N.Z. (2011). Self-assembly behaviour of alkylpolyglucoside (APG) in mixed surfactant-stabilized emulsion systems. *Journal of Molecular Liquids*. 158(3): 175-181. (IF: 1.278)
- 59 Joseph, N.M.S., Tey, B.T., Tan, C.S., Shafee, N. and Tan, W.S. (2011). Production of long helical capsid of Nipah virus by *Pichia pastoris*. *Process Biochemistry*. 46(9): 1871-1874. (IF: 2.648)
- 60 Kadkhodaei, S., Nekouei, M.K., Shahnazari, M., Etminani, H., Iman, A., Elahy, M. and Ariff, A.B. (2011). Identification of informative markers for some traits of almond (*Prunus dulcis*). *Australian Journal of Crop Science*. 5(10): 1199- 1209. (IF: 0.899)
- 61 Kang, O.L., Ramli, N., Said, M., Ahmad, M., Md-Yasir, S. and Ariff, A.B. (2011). Kappaphycus alvarezii waste biomass: A potential biosorbent for chromium ions removal. *Journal of Environmental Sciences*. 23(6): 918-922. (IF: 1.513)
- 62 Karami, A., Christianus, A., Ishak, Z., Syed, M.A. and Courtenay, S. (2011). The effects of intramuscular and intraperitoneal injections of benzo[a]pyrene on selected biomarkers in *Clarias gariepinus*. *Ecotoxicology and Environmental Safety*. 74(6): 1558-1566. (IF: 2.340)
- 63 Kheng, O.L., Mahadi, N.M., Raha, A.R., Rabu, A., Abu-Bakar, F.D., Abdul-Murad, A.M. and Illias, R.M. (2011). An effective extracellular protein secretion by an ABC transporter system in *Escherichia coli*: statistical modeling and optimization of cyclodextrin glucanotransferase secretory production. *Journal of Industrial Microbiology and Biotechnology*. 38: 1587-1597. (IF: 2.416)
- 64 Khoddamzadeh, A.A., Sinniah, U.R., Kadir, M.A., Kadzimin, S.B., Maziah, M. and Sreeramanan, S. (2011). In vitro induction and proliferation of protocorm-like bodies (PLBs) from leaf segments of *Phalaenopsis bellina* (Rchb.f.) christenson. *Plant Growth Regulation*. 65(2): 381-387. (IF: 2.066)
- 65 Khoddamzadeh, A.A., Sinniah, U.R., Lynch, P., Kadir, M.A., Kadzimin, S.B. and Mahmood, M. (2011). Cryopreservation of protocorm-like bodies (PLBs) of *Phalaenopsis bellina* (Rchb.f.) christenson by encapsulation-dehydration. *Plant Cell, Tissue and Organ Culture*. 107(3): 471-481. (IF: 1.243)
- 66 Khoramnia, A., Abdullah, N., Liew, S.L., Sieo, C.C., Ramasamy, K. and Ho, Y.W. (2011). Enhancement of viability of a probiotic *Lactobacillus* strain for poultry during freeze-drying and storage using response surface methodology. *Animal Science Journal*. 82(1): 127-135. (IF: 0.694)
- 67 Khusaini, M.S., Abdul-Rahman, R.N.Z., Ali, M.S.M., Leow, T.C., Basri, M. and Salleh, A.B. (2011). Crystallization and preliminary X-ray crystallographic analysis of a thermostable organic solvent-tolerant lipase from *Bacillus* sp. strain 42. *Acta Crystallographica Section F*. 67(3): 401-403. (IF: 0.551)

- 68 Koh, S.P., Arifin, N., Tan, C.P., Yusoff, M.S.A., Long, K. and Lai, O.M. (2011). Deep frying performance of enzymatically synthesized palm-based medium and long chain triacylglycerols (MLCT) oil blends. *Food Bioprocess Technology*. 4: 124-135. (IF: 3.576)
- 69 Koh, S.P., Long, K., Tan, C.P., Yusoff, M.S.A., Lai, O.M. and Ariffin, N. (2011). The use of enzymatically synthesized medium and long chain triacylglycerols (MLCT) oil blends in food application. *International Food Research Journal*. 18: 355-366. (IF: 2.416)
- 70 Kok, W.C., Leow, T.C., Abdul-Rahman, R.N.Z., Basri, M., Abdul-Rahman, M.B. and Salleh, A.B. (2011). Reductive alkylation causes the formation of a molten globule-like intermediate structure in *Geobacillus zalihae* Strain T1 thermostable lipase. *Applied Biochemistry Biotechnology*. 164(3): 362-375. (IF: 1.879)
- 71 Lai, K.S., Abdullah, P., Yusoff, K. and Mahmood, M. (2011). An efficient protocol for particle bombardment-mediated transformation of *Centella asiatica* callus. *Acta Physiologiae Plantarum*. 33(6): 2547-2552. (IF: 1.344)
- 72 Lai, K.S., Yusoff, K. and Maziah, M. (2011). Extracellular matrix as the early structural marker for *Centella asiatica* embryogenic tissues. *Biologia Plantarum*. 55(3): 549-553. (IF: 1.656)
- 73 Lau, H.L., Ariff, A.B., Woo, K.K., Ling, T.C. and Hii, S.L. (2011). Production and optimization of alkalostable lipase by alkalophilic *Burkholderia cenocepacia* ST8. *African Journal of Biotechnology*. 10(36): 7002-7009. (IF: 0.573)
- 74 Le, V.T., Sarpan, N., Ky, H., Ooi, S.E., Napis, S., Ho, C.L., Meilina, O.A., Chin, C.F. and Parameswari, N. (2011). A novel transcript of oil palm (*Elaeisguineensis* Jacq.), Eg707, is specifically upregulated in tissues related to totipotency. *Molecular Biotechnology*. 48: 156-164. (IF: 2.444)
- 75 Lee, H.Y., Chai, L.C., Pui, C.F., Tunung, R., Wong, W.C., Shuhaimi, M., Cheah, Y.K., Farinazleen, M.G., Nishibuchi, M. and Son, R. (2011). Using RAPD-PCR as molecular assessment on the performance of CHROMAgar™ Listeria and PALCAM agar on isolation of *Listeria* spp. and *L. monocytogenes* from foods. *International Food Research Journal*. 18: 498-503. (IF: 2.416)
- 76 Lee, K.H., Abas, F., Alitheen, N.B.M., Shaari, K., Lajis, N.H. and Syahida, A. (2011). A curcumin derivative, 2,6-bis(2,5-dimethoxybenzylidene)-cyclohexanone (BDMC33) attenuates prostaglandin E2 synthesis via selective suppression of cyclooxygenase-2 in IFN- γ /LPS-stimulated macrophages. *Molecules*. 16(11): 9728-9738. (IF: 1.988)
- 77 Lee, K.H., Padzil, A.M., Shaari, K., Sulaiman, M.R., Lajis, N.H., Abdullah, N., Zuhainis, S.W., Maziah, M., Israf, D.A. and Syahida, A. (2011). Evaluation of anti-inflammatory, antioxidant and anti-nociceptive activities of six Malaysian medicinal plants. *Journal of Medicinal Plants Research*. 5(23): 5555-5563. (IF: 0.879)
- 78 Lee, W.S., Leong, P.L., Ho, C.L. and Harikrishna, J.A. (2011). Identification of microRNA precursors in *Bruguiera* spp. *Botanica Marina*. 54: 313-324. (IF: 1.623)
- 79 Leong, F.W., Cheong, K.W., Lai, O.M., Long, K., Che-Man, Y.B., Misni, M. and Tan, C.P. (2011). Response surface modeling of processing parameters for the preparation of phytosterol nanodispersions using an emulsification-evaporation technique. *Journal of the American Optometric Association*. 88: 717-725. (IF: 1.803)

- 80 Leong, F.W., Lai, O.M., Long, K., Che-Man, Y.B., Misni, M. and Tan, C.P. (2011). Preparation and characterisation of water-soluble phytosterol nanodispersions. *Food Chemistry*. 129: 77-83. (IF: 3.146)
- 81 Leong, W.F., Che-Man, Y., Lai, O.M., Long, K., Nakajima, M. and Tan, C.P. (2011). Effect of sucrose fatty acid esters on the particle characteristics and flow properties of phytosterol nanodispersions. *Journal of Food Engineering*. 104: 63-69. (IF: 2.313)
- 82 Liew, P.L., Adibah, A.B., Tan, S.G., Christianus, A. and Faridah, Q.Z. (2011). Isolation by the 5' anchored PCR technique and characterization of 18 microsatellite loci in the horseshoe crab (*Tachylepus gigas*). *Journal of Genetics*. 90: e101-e104. (IF: 1.338)
- 83 Lim, H.K., Syed, M.A. and Shukor, M.Y. (2011). Reduction of molybdate to molybdenum blue by *Klebsiella* sp. strain hkeem. *Journal of Basic Microbiology*. 51: 1-10. (IF: 1.395)
- 84 Loh, T.C., Tan, B.K., Foo, H.L., Norhani, A. and Zulkifli, I. (2011). Relationships of plasma and very low density lipoprotein lipids and subfractions with abdominal fat in chickens. *Asian-Australasian Journal of Animal Science*. 24(1): 82-87.
- 85 Mahdavi, F., Sariah, M. and Maziah, M. (2011). Expression of rice thaumatin-like protein gene in transgenic banana plants enhances resistance to *Fusarium* wilt. *Applied Biochemistry and Biotechnology*. 166(4): 1008-1019. (IF: 1.879)
- 86 Manjeri, G., Muhamad, R., Faridah, Q.Z. and Tan, S.G. (2011). Genetic variation studies in *Oryctes rhinoceros* (L) (Coleoptera: Scarabaeidae) from oil palm plantations using random amplified (RAMs) markers. *African Journal of Biotechnology*. 10: 2611-2617. (IF: 0.573)
- 87 Masoumian, M., Ariff, A.B., Syahida, A. and Maziah, M. (2011). Effect of precursors on flavonoid production by *Hydrocotyle bonariensis* callus tissues. *African Journal of Biotechnology*. 10(32): 6021-6029. (IF: 0.573)
- 88 Masoumian, M., Ariff, A.B., Syahida, A. and Maziah, M. (2011). Flavonoids production in *Hydrocotyle bonariensis* callus tissues. *Journal of Medicinal Plants Research*. 5(9): 1564-1574. (IF: 0.879)
- 89 McCluskey, I.T., Hamid, M., Guo-Parke, H., McClenaghan, N.H., Gomis, R. and Flatt, P.R. (2011). Development and functional characterization of insulin-releasing human pancreatic beta cell lines produced by electrofusion. *Journal of Biological Chemistry*. 286(25): 21982-21992. (IF: 5.328)
- 90 Mehrnoush, A., Mustafa, S. and Yazid, A.M.M. (2011). 'Heat-treatment aqueous two phase system' for purification of serine protease from Kesinai (*Sterblus asper*) leaves. *Molecules*. 16: 10202-10213. (IF: 1.988)
- 91 Mehrnoush, A., Mustafa, S. and Manap, Y.A. (2011). Direct purification of pectinase from mango (*Mangifera Indica CV. Chokanan*) peel using PEG/salt based aqueous two phase system. *Molecules*. 16: 8419-8427. (IF: 1.988)
- 92 Mehrnoush, A., Mustafa, S., Sarker, M.Z.I. and Yazid, A.M.M. (2011). Optimization of the conditions for extraction of serine protease from Kesinai plant (*Sterblus asper*) leaves using response surface methodology. *Molecules*. 16: 9245-9260. (IF: 1.988)
- 93 Meimandipour, A., Soleimani, A.F., Houshmand, M., Kasim, A., Hair-Bejo, M., Mustafa, S. and Yazid, A.M. (2011). Effects of rough handling on short chain fatty acid production and gastrointestinal pH in broilers and modulatory role of *Lactobacilli*. *African Journal of Biotechnology*. 10(74): 17030-17037. (IF: 0.573)

- 94 Moeini, H., Omar, A.R., Raha, A.R. and Yusoff, K. (2011). Improving the potency of DNA vaccines against chicken anemia virus (CAV) by fusing VP1 protein of CAV to Marek's disease virus (MDV) type-1 VP22 protein. *Virology Journal*. 8: 119. (IF: 2.550)
- 95 Moeini, H., Raha, A.R., Omar, A.R., Shafee, N. and Yusoff, K. (2011). Lactobacillus acidophilus as a live vehicle for oral immunization against chicken anemia virus. *Applied Microbiology and Biotechnology*. 90(1): 77-88. (IF: 3.280)
- 96 Mohd-Hairul, A.R., Namasivayam, P., Abdullah, J.O. and Lian, G.E.C. (2011). Screening, isolation, and molecular characterization of putative fragrance-related transcripts from *Vanda Mimi Palmer*. *Acta Physiologiae Plantarum*. 33: 1651-1660. (IF: 1.344)
- 97 Mohd-Hairul, A.R., Sade, A.B., Yiap, B.C. and Raha, A.R. (2011). Genomic DNA extraction from medicinal plants available in Malaysia using a TriOmic improved extraction kit. *Genetics and Molecular Research*. 10(4): 2757-2764. (IF: 1.013)
- 98 Mojtaba, A., Mohamed, M.S., Rosfarizan, M., Raha, A.R. and Ariff, A.B. (2011). Improvement of medium composition for heterotrophic cultivation of green microalgae, *Tetraselmis suecica*, using response surface methodology. *Biochemical Engineering Journal*. 53: 187-195. (IF: 2.692)
- 99 Naher, L., Ho, C.L., Tan, S.G., Yusuf, U.K. and Abdullah, F. (2011). Cloning of transcripts encoding chitinases from *Elaeis guineensis* Jacq. and their expression profiles in response to fungal infections. *Physiological and Molecular Plant Pathology*. 76: 96-103. (IF: 1.197)
- 100 Namuli, A., Abdullah, N., Sieo, C.C., Zuhainis, S.W. and Oskoueian, E. (2011). Phytochemical compounds and antibacterial activity of *Jatropha curcas* Linn. extracts. *Journal of Medicinal Plants Research*. 5(16): 3982-3990. (IF: 0.879)
- 101 Nanyan, N., Wei, Y.H., Baradaran, A., Rosfarizan, M., Sieo, C.C., Rosli, M.I., Yusoff, K. and Raha, A.R. (2011). *Lactococcus lactis* M4, a potential host for the expression of heterologous proteins. *Microbial Cell Factories*. 10(28): 1-10. (IF: 4.540)
- 102 Ng, C.Y. and Saleh, N.M. (2011). In vitro propagation of *Paphiopedilum* orchid through formation of protocorm-like bodies. *Plant Cell Tissue Organ Culture*. 105(2): 193-202. (IF: 1.243)
- 103 Nik-Mohd-Afizan, N.A.R., Zeenathul, N.A., Noordin, M.M., Ruzila, I., Nor-Hidayah, M. and Mohd-Azmi, M.L. (2011). Apoptosis and tumour cell death in response to pro-apoptotic gene. *Pertanika Journal of Tropical Agricultural Science*. 34(1): 163-166.
- 104 Norjan, Y., Hassan, M.A., Phang, L.Y., Tabatabaei, M., Othman, M.R., Masatsugu, M., Minato, W., Kenji, S. and Shirai, Y. (2011). Nitrification of high-strength ammonium landfill leachate with microbial community analysis using fluorescence in situ hybridization (FISH). *Waste Management and Research*. 29(6): 602-611. (IF: 1.222)
- 105 Noroozi, M., Omar, H., Tan, S.G. and Napis, S. (2011). Studies on the genetic variation of the green unicellular alga *Haematococcus pluvialis* (Chlorophyceae) obtained from different geographical locations using ISSR and RAPD molecular marker. *Molecules*. 16: 2598-2608. (IF: 1.988)
- 106 Nyam, K.L., Tan, C.P., Lai, O.M., Long, K. and Che-Man, Y.B. (2011). Optimization of supercritical CO₂ extraction of phytosterol-enriched oil fro, Kalahari melon seeds. *Food Bioprocess Technology*. 4: 1432-1441. (IF: 3.576)
- 107 Nyo-Nyo, M., Maziah, M., Maznah, I. and Siti, N.A.A. (2011). Soluble starch synthase IIa (SSIIa) enzyme expression in endosperm and alkali disintegration in seeds of Myanmar rice cultivars. *Malaysian Applied Biology*. 40(1): 47-50.

- 108** Omar, F.N., Rahman, N.A.A., Hafid, H.S., Mumtaz, T., Phang, L.Y. and Hassan, M. A. (2011). Utilization of kitchen waste for the production of green thermoplastic polyhydroxybutyrate (PHB) by *Cupriavidus necator* CCGUG 52238. *African Journal of Microbiology Research.* 5(19): 2873-2879. (IF: 0.528)
- 109** Ong, G.H., Yap, C.K., Maziah, M. and Tan, S.G. (2011). Heavy metal accumulation in a medicinal plant *Centella asiatica* from peninsular Malaysia. *Journal of Biological Sciences.* 11(2): 146-155.
- 110** Ong, G.H., Yap, C.K., Maziah, M. and Tan, S.G. (2011). The effect of Cu exposure on the bioaccumulation of Zn and antioxidant activities in different parts of *Centella asiatica*. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences.* 13(3): 387-392.
- 111** Ooi, C.W., Hii, S.L., Mustapha-Kamal, S.M., Ariff, A.B. and Ling, T.C. (2011). Extractive fermentation using aqueous two-phase systems for integrated production and purification of extracellular lipase derived from *Burkholderia pseudomallei*. *Process Biochemistry.* 4: 68-73. (IF: 2.648)
- 112** Ooi, C.W., Tan, C.P., Hii, S.L., Ariff, A.B., Ibrahim, S. and Ling, T.C. (2011). Primary recovery of lipase derived from *Burkholderia* sp. ST8 with aqueous micellar two-phase system. *Process Biochemistry.* 46: 1847-1852. (IF: 2.648)
- 113** Oskoueian, E., Abdullah, N., Ahmad, S., Zuhainis, S.W., Omar, A.R. and Yin, W.H. (2011). Bioactive compounds and biological activities of *Jatropha curcas* L. kernel meal extract. *International Journal of Molecular Sciences.* 12: 5955- 5970. (IF: 2.279)
- 114** Oskoueian, E., Abdullah, N., Hendra, R. and Karimi, E. (2011). Bioactive compounds, antioxidant, xanthine oxidase inhibitory, tyrosinase inhibitory and anti-inflammatory activities of selected agro-industrial by-products. *International Journal of Molecular Sciences.* 12: 8610-8625. (IF: 2.279)
- 115** Oskoueian, E., Abdullah, N., Zuhainis, S.W., Omar, A.R., Ahmad, S., Wen, B. K., Zolkifli, N. A., Hendra, R. and Yin, W.H. (2011). Antioxidant, anti-inflammatory and anticancer activities of methanolic extracts from *Jatropha curcas*. *Plant Journal of Medicinal Plants Research.* 5(1): 49-57. (IF: 0.879)
- 116** Oskoueian, E., Abdullah, N., Zuhainis, S.W., Omar, A.R., Puteh, M.B. and Ho Y.W. (2011). Anti-nutritional metabolites and effect of treated *Jatropha curcas* kernel meal on rumen fermentation in vitro. *Journal of Animal and Veterinary Advances.* 10(2): 214-220. (IF: 0.292)
- 117** Prabu, R., Rosfarizan, M., Shah, U.K.M. and Ariff, A.B. (2011). Improvement of *Aspergillus flavus* Link S44-1 using random mutational method for kojic acid production. *Minerva Biotechnologica.* 23: 83-91. (IF: 0.814)
- 118** Rahim, M.B.H., Syed, M.A. and Shukor, M.Y. (2011). Isolation and characterization of an acrylamide-degrading yeast *Rhodotorula* sp. Strain MBH23 KCTC 11960BP. *Journal of Basic Microbiology.* 51: 1-9. (IF: 1.395)
- 119** Rahman, N.F.A., Basri, M., Rahman, M.B.A., Abdul Rahman, R.N.Z.R. and Salleh, A.B. (2011). High yield lipase-catalyzed synthesis of Engkabang fat esters for the cosmetic industry. *Bioresource Technology.* 102(3): 2168-2176. (IF: 4.253)
- 120** Rajik, M. and Yusoff, K. (2011). Peptide inhibitors against influenza virus. *Antiviral Chemistry & Chemotherapy.* 21: 151-154. (IF: 4.320)

- 121** Ramli, N., Abd-Aziz, S., Hassan, M.A., Alitheen, N.B., Kamaruddin, K. and Ibrahim, Z. (2011). Molecular cloning and extracellular expression of cyclodextrin glycosyltransferase gene from *Bacillus* sp. NR5 UPM. *African Journal of Microbiology Research.* 5(21): 3475-4382. (IF: 0.528)
- 122** Rasti, B., Mustafa, S., Shobirin, M.H.A., Nateghi, L., Meimandipour, A. and Yazid, A.M. (2011). Bile resistance and bile salt deconjugation of *Bifidobacterium pseudocatenulatum* G4 in a simulated colonic pH. *Journal of Food, Agriculture and Environment.* 9: 89-94. (IF: 0.349)
- 123** Roohinejad, S., Mirhosseini, H., Hussin, A.S.M., Hamid, A., Saari, N., Mustafa, S., Alias, I. and Manap, M.Y. (2011). Effect of pre-germination time on amino acid profile and gamma amino butyric acid (GABA) contents in different varieties of Malaysian brown rice. *International Journal of Food Properties.* 14: 1386-1399. (IF: 1.100)
- 124** Roslan, A.M., Phang, L.Y., Umi-Kalsom, M.Y., Abdul-Aziz, S. and Hassan, M.A. (2011). Production of bioethanol from rice straw using cellulase by local *Aspergillus* sp. *International Journal of Agricultural Research.* 6(2): 188-193.
- 125** Ruzila, I., Zeenathul, N.A., Nik-Mohd-Afizan, N.A.R., Sheikh-Omar, A.R., NorHidayah, M. and Mohd-Azmi, M.L. (2011). Tissue distribution of intramuscularly and intratumouraly administered DNA plasmid harbouring apoptotic gene in mice. *African Journal of Pharmacy and Pharmacology.* 4(11): 775-782. (IF: 0.667)
- 126** Lim, S.H.E., Jahanshiri, F., Abdul-Rahim, R., Sekawi, Z. and Yusoff, K. (2011). Surface display of respiratory syncytial virus glycoproteins in *Lactococcus lactis* NZ9000. *Letters in Applied Microbiology.* 51: 658-664. (IF: 1.647)
- 127** Saberi, A.H., Lai, O.M. and Miskandar, M.S. (2011). Physical properties of palm-based diacylglycerol and palm-based oils in the preparation of shelf-stable. *European Journal of Lipid Science and Technology.* 113: 627-636. (IF: 1.831)
- 128** Saberi, A.H., Kee, B.B., Lai, O.M. and Miskandar, M.S. (2011). Physico-chemical properties of various palm-based diacylglycerol oils in comparison with their corresponding palm-based oils. *Food Chemistry.* 127: 1031-1038. (IF: 3.146)
- 129** Saberi, A.H., Lai, O.M. and Toro-Vazquez, J.F. (2011). Crystallization kinetics of palm oil in blends with palm-based diacylglycerol. *Food Research International.* 4: 425-435. (IF: 2.414)
- 130** Saenphoom, P., Liang, J.B., Ho., Y.W., Loh, T.C. and Rosfarizan, M. (2011). Effect of enzyme treatment on chemical composition and production of reducing sugars in palm (*Elaeis guineensis*) kernel expeller. *African Journal of Biotechnology.* 10(68): 15372-15377. (IF: 0.573)
- 131** Salvamani, S., Tey, B.T., Ng, W.C. and Tan, W.S. (2011). Production and purification of the phosphoprotein of Nipah virus in *Escherichia coli* for use in diagnostic assays. *Biotechnology and Bioprocess Engineering.* 16(6): 1166-1172. (IF: 1.004)
- 132** Saminathan, M., Sieo, C.C., Kalavathy, R., Abdullah, N. and Ho, Y.W. (2011). Effect of prebiotic oligosaccharides on growth of *Lactobacillus* strains used as a probiotic for chickens. *African Journal of Microbiology Research.* 5(1): 57- 64. (IF: 0.528)
- 133** Sarmadi, B., Ismail, A. and Hamid, M. (2011). Antioxidant and angiotensin converting enzyme (ACE) inhibitory activities of cocoa (*Theobroma cacao L.*) autolysates. *Food Research International.* 44: 290-296. (IF: 2.416)
- 134** Sasan, H., Raha, A.R., Foo, H.L., Son, R. and Hassan, M.D. (2011). Construction of vaccine from *Lactococcus lactis* bacteria using *Aeromonas hydrophila* virulent. *Iranian Journal of Fisheries Sciences.* 10(1): 143-154.

- 135 Sau-Yee, K., Meilina, O.A., Gwendoline, C.L.E. and Parameswari, N. (2011). Comparison of nutrient composition in kernels of tenera and clonal materials of the Malaysian oil palm (*Elaeis guineensis*). *Food Chemistry*. 129: 1343- 1347. (IF: 3.458)
- 136 See, L.M., Hassan, R., Tan, S.G. and Bhassu, S. (2011). Novel polymorphic microsatellite DNA markers from Malaysian giant freshwater prawn, *Macrobrachium rosenbergii*. *Russian Journal of Genetics*. 47: 497-499. (IF: 0.431)
- 137 Seng, T.Y., Mohamed-Saad, S.H., Chin, C.W., Ting, N.C., Singh, R., Faridah, Q.Z., Tan, S.G. and Rabiah, S.S. (2011). Genetic linkage map of a high yielding FELDA Deli x Yangambi oil palm cross. *PLoS ONE*. 6(11): e26593. (IF: 4.411)
- 138 Seng-Heng, J.L., Umi-Kalsom, M.Y. and Halizah, H. (2011). Isolation, characterization and identification of potential actinobacteria with antifungal activities towards chilli anthracnose. *African Journal of Biotechnology*. 10(32): 5979- 5987. (IF: 0.573)
- 139 Shafee, N. and Bakar, S.A. (2011). Characterization of dengue type 2 NGC virus infection in C6/36, Vero and MRC-5 cells. *International Journal of Virology*. 7(1): 24-32. (IF: 0.190)
- 140 Shahidan, N.H., Abdul-Rahman, R.N.Z., Leow, T.C., Rosfarizan, M., Basri, M. and Salleh, A.B. (2011). The effect of carbon sources on the expression level of thermostable L2 lipase in *Pichia pastoris*. *African Journal of Biotechnology*. 10(62): 13528-13535. (IF: 0.573)
- 141 Shahriarinour, M., Abdul-Wahab, M.N., Ariff, A. B., Mustafa, S. and Rosfarizan, M. (2011). Kinetics of cellulase production by *Aspergillus terreus* at various level of dissolved oxygen tension in a stirred tank bioreactor. *BioResources*. 6(4): 4909-4921. (IF: 1.418)
- 142 Shahriarinour, M., Abdul-Wahab, M.N. Ariff, A.B. and Rosfarizan, M. (2011). Screening, isolation and selection of cellulolytic fungi from oil palm empty fruit bunch fibre. *Biotechnology*. 10(1): 108-113.
- 143 Shahriarinour, M., Abdul-Wahab, M.N., Mustafa, S., Rosfarizan, M. and Ariff, A.B. (2011). Effect of various pretreatments of oil palm empty fruit bunch fibres for subsequent use as substrate on the performance of cellulase production by *Aspergillus terreus*. *BioResources*. 6(1): 291-307. (IF: 1.418)
- 144 Shahriarinour, M., Abdul-Wahab, M.N., Rosfarizan, M., Mustafa, S. and Ariff, A.B. (2011). Cyanobacterial biomass as N-supplement to oil palm empty fruit bunch (OPEFB) fibre for improvement of cellulase production by *Aspergillus terreus* in submerged fermentation. *BioResources*. 6(2): 1696-1706. (IF: 1.418)
- 145 Shahriarinour, M., Ramanan, R.N., Wahab, M.N.A., Rosfarizan, M., Mustafa, S. and Ariff, A. (2011). Improved cellulase production by *Aspergillus terreus* using oil palm empty fruit bunch fibre as substrate in a stirred tank bioreactor through optimization of the fermentation conditions. *BioResources*. 6(3): 2663-2675. (IF: 1.418)
- 146 Shahriarinour, M., Wahab, M.N.A., Rosfarizan, M., Mustafa, S. and Ariff, A. (2011). Effect of medium composition and cultural condition on cellulose production by *Aspergillus terreus*. *African Journal of Biotechnology*. 10(38): 7459-7467. (IF: 0.573)
- 147 Shamekhi, F., Mustafa, S., Ariff, A. and Yazid, A.M. (2011). Optimization of a cryoprotective medium and survival of freeze-dried *Bifidobacterium infantis* 20088 throughout storage, rehydration and gastrointestinal tract transit for infant formula probiotic applications. *African Journal of Microbiology Research*. 5(21): 3373-3384. (IF: 0.528)

- 148** Shamekhi, S.F., Mustafa, S., Ariff, A. and Manap, Y.A. (2011). Improved cell viability of bifidobacterium during freeze drying, storage and gastrointestinal tract transit by microencapsulation for incorporation into infant formulae. *Current Opinion in Biotechnology*. 22S(1): 15. (IF: 8.486)
- 149** Shariff, F.M., Abdul-Rahman, R.N.Z., Basri, M. and Salleh, A.B. (2011). A newly isolated thermostable lipase from *Bacillus* sp. Molecular Sciences. 12: 2917-2934. (IF: 2.279)
- 150** Shun, T.J., Ramanan, R.N., Ling, T.C., Mustafa, S. and Ariff, A. (2011). Enhanced production of periplasmic interferon alpha-2? by Escherichia coli using ion-exchange resin for in-situ removal of acetate in the culture. *Biochemical Engineering Journal*. 58(59): 124-132. (IF: 2.692)
- 151** Siddiquee, S., Yusof, N.A., Salleh, A.B., Tan, S.G. and Bakar, F.A. (2011). Electrochemical DNA biosensor for the detection of *Trichoderma harzanium* based on ionic liquid/ZnO nanoparticles/chitosan modified electrode using acridine orange (AO) as a redox indicator. *Microchimica Acta*. 172: 357-363. (IF: 2.578)
- 152** Siddiquee, S., Yusof, N.A., Salleh, A.B., Tan, S.G. and Fatimah, A.B. (2011). Enhancement of DNA immobilization and hybridization on gold electrode modified using ZnO Nanoparticles/Chitosan Film. *Current Analytical Chemistry*. 7(4): 296-305. (IF: 2.143)
- 153** Siti-Norita, M., Ramanan, R.N., Rosfarizan, M. and Ariff, A.B. (2011). Improved mannan-degrading enzymes' production by *Aspergillus niger* through medium optimization. *New Biotechnology*. 28(2): 145-152. (IF: 1.843)
- 154** Soleimani, A.F., Zulkifli, I., Omar, A.R. and Raha, A.R. (2011). Neonatal feed restriction modulates circulating levels of corticosterone and expression of glucocorticoid receptor and heat shock protein 70 in aged japanese quail exposed to acute heat stress. *Poultry Science*. 90: 1427-1434. (IF: 1.673)
- 155** Soleimani, A.F., Zulkifli, I., Omar, A.R. and Raha, A.R. (2011). Physiological responses of 3 chicken breeds to acute heat stress. *Poultry Science*. 90: 1435-1440. (IF: 1.673)
- 156** Tabassum, M., Abd-Aziz, S., Abdul-Rahman, N.A., Phang, L.Y., Wasoh, H., Shirai, Y. and Hassan, M.A. (2011). Visualization of core-shell phbv granules of wild type *Comamonas* sp. EB172 in vivo under transmission electron microscope. *International Journal of Polymer Analysis Characterization*. 16: 228-238. (IF: 0.814)
- 157** Tajabadi, N., Mardan, M., Manap, M.Y.A., Mustafa, S., Javanmard, A., Meimandipour, A. and Nateghi, L. (2011). Detection and identification of *Lactobacillus* bacteria found in the honey stomach of the giant honey bee *Apis dorsata*. *Apidologie*. 42(5): 642-649. (IF: 2.230)
- 158** Tan, C.Y., Abdul-Rahman, R.N.Z., Kadir, H.A. and Tayyab, S. (2011). Conformational destabilization of *Bacillus licheniformis* α -amylase induced by lysine modification and calcium depletion. *Acta Biochimica Polonica*. 58(3): 405- 412. (IF: 1.234)
- 159** Tan, S.H., Muse, R., Ariff, A. and Maziah, M. (2011). Effect of plant growth regulators on callus, cell suspension and cell line selection for flavonoid production from pegaga (*Centella asiatica* L. urban). *American Journal of Biochemistry and Biotechnology*. 6(4): 284-299.
- 160** Tee, C.H., Tan, C.S. and Maziah, M. (2011). Selection of co-transformed Dendrobium sonia 17 using hygromycin and Green Fluorescent Protein (GFP). *Biologia Plantarum*. 55(3): 572-576. (IF: 1.656)

- 161 Teh, S.L., Chan, W.S., Abdullah, J.O. and Namasivayam, P. (2011). Development of expressed sequence tag resources for *Vanda Mimi Palmer* and data mining for EST-SSR. *Molecular Biology Reports*. 38: 3903-3909. (IF: 2.038)
- 162 Teo, C.J., Le, V.T., Yeoh, K.A., Chan, W.S., Chivukula, S.V., Parameswari, N. and Ho, C.L. (2011). Profiling the differentially expressed genes in two rice varieties during rapid grain-filling stages. *Acta Physiologiae Plantarum*. 33: 2259-2268. (IF: 1.344)
- 163 Teoh, P.L., Mirhosseini, S.H., Mustafa, S., Hussin, A.S.M. and Manap, M.Y.A. (2011). Recent approaches in the development of encapsulated delivery systems for probiotics. *Food Biotechnology*. 25: 77-101. (IF: 0.537)
- 164 Teoh, P.L., Mirhosseini, S.H., Mustafa, S. and Manap, M.Y.A. (2011). Tolerance of free and encapsulated probiotics towards heat treatment and high sodium chloride. *Journal of Food, Agriculture and Environment*. 9: 69-73. (IF: 0.349)
- 165 Thu, T.V., Loh, T.C., Foo, H.L., Halimatun, Y. and Bejo, M.H. (2011). Inhibitory activity and organic acids concentrations of metabolite combinations produced by various strains of *Lactobacillus plantarum*. *African Journal of Biotechnology*. 10(8): 1359-1363. (IF: 0.573)
- 166 Thu, T.V., Loh, T.C., Foo, H.L., Yaakub, H. and Bejo, M.H. (2011). Effects of liquid metabolite combinations produced by *Lactobacillus plantarum* on growth performance, faeces characteristics, intestinal morphology and diarrhoea incidence in postweaning piglets. *Tropical Animal Health and Production*. 43: 69-75. (IF: 1.003)
- 167 Tran, T., Vu-Thi, Q.C., Abdullah, M.P., Omar, H., Noroozi, M., Huynh, K. and Napis, S. (2011). Construction of cDNA library and preliminary analysis of expressed sequence tags from green microalga *Ankistrodesmus convolutus* Corda. *Molecular Biology Reports*. 38: 177-182. (IF: 2.038)
- 168 Wazir, D., Syahida, A., Radzali, M., Maziah, M. and Shukor, M.Y. (2011). Antioxidant activities of different parts of *Gnetum gnemon* L. *Journal of Plant Biochemistry and Biotechnology*. 20(2): 234-240. (IF: 0.412)
- 169 Wongchuphan, R., Tey, B.T., Tan, W.S., Subramanian, S.K., Taip, F.S. and Ling, T.C. (2011). Purification of rabbit polyclonal immunoglobulin G using anion exchangers. *Process Biochemistry*. 46(1): 101-107. (IF: 2.648)
- 170 Yahya, M., Mahyuddin, M., Alimon, A.R., Abdullah, N. and Ivan, M. (2011). Sago pith meal based diets in sheep containing different sources of nitrogen: Feed preparation, growth performance, digestibility and carcass quality. *Journal of Animal Feed Science and Technology*. 170: 45-52. (IF: 2.172)
- 171 Yap, C.K. and Tan, S.G. (2011). A study on the potential of the periostracum of *Perna viridis* as a biomonitoring material for Pb in tropical coastal waters based on correlation analysis. *Sains Malaysiana*. 40: 809-811. (IF: 0.152)
- 172 Yap, C.K., Aziman, A.R., Hanif, M.S. and Tan, S.G. (2011). Use of different soft tissues of flat-tree oyster *Isognomon alatus* as biomonitor of bioavailabilities and contamination by Zn in the mangrove areas of Peninsular Malaysia. *Journal of Sustainability Science and Management*. 6: 230-239.
- 173 Yap, C.K., Chong, C.M. and Tan, S.G. (2011). Allozyme polymorphisms in horseshoe crabs, *Carcinoscorpius rotundicauda*, collected from polluted and unpolluted intertidal areas in Peninsular Malaysia. *Environmental Monitoring and Assessment*. 174: 389-400. (IF: 1.436)

- 174** Yap, C.K., Chong, C.M. and Tan, S.G. (2011). Lactate dehydrogenase in guppy fish (*Poecilia reticulate*) as a biomarker for heavy-metal pollution in freshwater ecosystems. *Journal of Sustainability Science and Management*. 6: 240-246.
- 175** Yap, C.L., Chee, M.W., Shamarina, S., Edward, F.B., Chew, W. and Tan, S.G. (2011). Assessment of surface water quality in the Malaysian coastal waters by using multivariate analyses. *Sains Malaysiana*. 40: 1053-1064. (IF: 0.152)
- 176** Yap, C.K., Ismail, A. and Tan, S.G. (2011). Mercury concentrations in the different soft tissues and byssus of *Perna viridis* (*L*) collected from the west coast of Peninsular Malaysia. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*. 13: 237-242.
- 177** Yasin, N.H.M., Rahman, N.A.A., Che Man, H., Yusof, M.Z.M and Hassan, M.A. (2011). Microbial characterization of hydrogen producing bacteria at different pH from fermented food waste. *International Journal of Hydrogen Energy*. 36: 9571-9580. (IF: 4.053)
- 178** Yeap, S.K., Omar, A.R., Wan, Y.H., Boon, K.B., Ali, A.M. and Alitheen, N.B. (2011). Immunomodulatory effect of Rhaphidophora korthalsii on mice splenocyte, thymocyte and bone marrow cell proliferation and cytokine expression. *African Journal of Biotechnology*. 10(52): 10744-10751. (IF: 0.573)
- 179** Yen, L.H., Ching, C.L., Fung, P.C., Chwen, W.W., Mustafa, S., Kqueen, C.Y., Mat-Isa, Z., Nishibuchi, M. and Radu, S. (2011). Profiling of recovery efficiencies for three standard protocols (FDA-BAM, ISO-11290, and Modified USDA) on temperature-injured *Listeria monocytogenes*. *Journal of Microbiology and Biotechnology*. 21(9): 954-959. (IF: 1.224)
- 180** Yun, B.W., Feechan, A., Yin, M., Saidi, N.B., Bihan, T.L., Yu, M., John, W.M., Kang, J.U., Kwon, E., Steven, H.S., Pallas, J.A. and Gary, J.L. (2011). S-nitrosylation of NADPH oxidase regulates cell death in plant immunity. *Nature*. 478: 264-270. (IF: 36.104)
- 181** Zakaria, I.I., Abdul-Rahman, R.N.Z., Salleh, A.B. and Basri, M. (2011). Bacteriocin release protein mediated secretory expression of recombinant chalcone synthase in *Escherichia coli*. *Applied Biochemistry and Biotechnology*. 165: 737- 747. (IF: 1.879)
- 182** Zee-Wei, L., Raha, A.R., Ariff, A.B. and Rosfarizan, M. (2011). Medium formulation and impeller design on the biosynthesis of high molecular weight hyaluronic acid by *Streptococcus zooepidemicus* ATCC 39920. *African Journal of Microbiology Research*. 5(15): 2114-2123. (IF: 0.528)