

## Manuscripts published 2013

**(Total Impact Factor: 22.079, Impact factor for Published papers: 13.591)**

1. Nurulhidayatul Asma Mohamad, Aly Faraq Alsheika, **Shuhaimi Mustafa\*** and Nur Fadhilah Khairil Mokhtar. (2013). Comparison of gene nature used in real-time PCR for porcine identification and quantification: a review. *Food Research International*. 50: 330-338. IF: 3.005.
2. Fateme Shamekhi, **Shuhaimi Mustafa\***, Arbakariya Ariff and Yazid Manap. (2013). Cell viability of microencapsulated *Bifidobacterium animalis* subsp. *lactis* under freeze drying, storage and gastrointestinal tract simulation conditions. *Folia Microbiologica*. 58: 91-101. IF: 0.791.
3. Babak Rasti, Jinap Selamat, **Mustafa Shuhaimi**, Leila Nateghi, Loong Yik Yee, Naser Tajabadi, Amir Meimandipour and Yazid A Manap. (2013). Inhibition of *Clostridium scindens* and *Clostridium hiranonis* growth by *Bifidobacterium pseudocatenulatum* G4 in simulated colonic pH. *Journal of Food Agriculture and Environment*. 11 (2):127-131. IF:0.517.
4. Joo Shun Tan, Tau Chuan Ling, **Shuhaimi Mustafa**, Yew Joon Tam, Ramakrishnan Nagasundara Ramanan and Arbakariya Ariff. (2013). An integrated bioreactor-expanded bed adsorption system for the removal of acetate to enhance the production of alpha-interferon-2b by *Escherichia coli*. *Process Biochemistry*. 48: 551-558. IF: 2.414.
5. Maher AA Abdelsamie, Russly Abdul Rahman, **Shuhaimi Mustafa** and Dzulkiyly Mat Hashim. (2013). Effect of packaging and storage on the keeping quality of mineral water and a development of water-treatment device. *Journal of Food Processing and Technology*. 4 (5): 1-5.
6. Mehrnoush Amid, Mohd Yazid Abd Manap and **Shuhaimi Mustafa**. (2013). Purification of pectinase from (*Mangifera indica* L. Cv. Chokanan) waste using al alcohol/salt aqueous two-phase system: A potential low cost source of the enzyme and a purification method. *Journal of Chromatography B*. 931: 17-22. IF: 3.057.
7. HY Lee, LC Chai, CF Pui, **S Mustafa\***, YK Cheah, M Nishibuchi and S Radu. (2013). Formation of biofilm by *Listeria monocytogenes* ATCC 19112 at different incubation temperature and concentrations of sodium chloride. *Brazilian Journal of Microbiology*. 44 (1): 51-55. IF: 0.896.
8. Nurrulhidayah A.F., A. Rohman, Y.B Che Man, Amin I., **Shuhaimi M.**, Alfi Khatib. (2013). Authentication Analysis of Butter From Beef Fat Using FTIR Spectroscopy Coupled With Chemometrics. *International Food Research Journal*. 20 (3): 1717-1722. SJR: 0.34.

9. Nurrulhidayah A.F., A. Rohman, Amin I., **Shuhaimi M.**, A Khatib. (2013). Analysis of Chicken Fat As Adulterant In Butter Using Fourier Transform Infrared Spectroscopy and Chemometrics. *Grasas Y Aceites*. 64: 349-355. IF: 1.138.
10. Nurrulhidayah A.F., A. Rohman, Y.B Che Man, Amin I., **Shuhaimi M.**, Alfi Khatib. (2013). Application of FTIR-ATR Spectroscopy Coupled With Multivariate Analysis for Rapid Estimation of Butter Adulteration. *Journal of Oleo Science*. 62 (8): 555-562. IF: 1.147.
11. Amid M, Abd Manap MY and **Shuhaimi M.** (2013). Purification of a novel protease enzyme from kesinai plant (*Streblus asper*) leaves using a surfactant-salt aqueous micellar two-phase system: a potential low cost source of enzyme and purification method. *European Food Research and Technology*. 237: 601-608. IF: 1.436.
12. MR Nur Illiyin, JMN Marikkar, **M Shuhaimi**, B Mahiran and MS Miskandar. (2013). A comparison of the thermo-physical behaviour of engkabang (*Shorea macrophylla*) seed fat-canola oil blends and lard. *Journal of the American oil Chemists' Society*. 90: 1485-1493. IF: 1.773.
13. NAM Yanty, JMN Marikkar and **M Shuhaimi**. (2013). Effect of fractional crystallization on the composition and thermal properties of engkabang (*Shorea macrophylla*) seed fat and cocoa butter. *Grasas Y Aceites*. 64: 546-553. IF: 1.138.
14. Sadeq Hasan Al-Sheraji, Amin Ismail, Mohd Yazid Manap, **Shuhaimi Mustafa**, Rokiah Mohd Yusof and Fuoad Abdulrahman Hassan. (2013). Prebiotics as functional foods: a review. *Journal of Functional Food*. 5: 1542-1553. IF: 2.632.
15. Naser Tajabadi, Makhdzir Mardan, Mohd Yazid Abdul Manap and **Shuhaimi Mustafa** (2013). Molecular identification of Lactobacillus spp isolated from the honey comb of honey bee (*Apis dorsata*) by 16S rRNA gene sequencing. *Journal of Apicultural Research (ISI)*, 52 (5): 235-241. IF: 1.926.