

Manuscripts published/accepted 2015

1. Nurul Hawa Ahmad, **Shuhaimi Mustafa*** and Yaakob Che Man. (2015). Microbial polysaccharides and their modification approaches: a review. *International Journal of Food Properties*. 18: 332-347. **IF: 0.668.**
2. AF Nurrulhidayah, YB Che Man, I Amin, R Arieff Salleh, MY Farawahidah, **M Shuhaimi** and Alfi Khatib. (2015). FTIR-ATR spectroscopy based metabolite fingerprinting as a direct determination of butter adulterated with lard. *International Journal of Food Properties*. 18: 372-379. **IF: 0.668.**
3. Sri Puvanesvari Gannasin, Noranizan Mohd Adzahan, Mohd Yusof Hamzah, **Shuhaimi Mustafa** and Kharidah Muhamad. (2015). Physicochemical properties of tamarillo (*Solanum betaceum* Cv.) hydrocolloids fractions. *Food Chemistry*. 182: 292-301. **IF:3.259.**
4. Gannasin SP, **Mustafa S**, Adzahan NM and Muhammad K. (2015). *In vitro* prebiotics activities of tamarillo (*Solanum betaceum* Cav.) hydrocolloids. *Journal of Functional Foods*. 19: 10-19.
5. Nurul Hawa Ahmad, Jasim Ahmed, Dzulkifly Mat Hashim and **Shuhaimi Mustafa***. (2015). Oscillatory and steady shear rheology of gellan/dextran blends. *Journal of Food Science and Technology*. 52 (5): 2902-2909. **IF: 1.123.**
6. Md Mahfujur Rahman, Md Eaquab Ali, Sharifah Bee Abd Hamid, Subha Bhassu, **Shuhaimi Mustafa***, Md Al Amin and Md Abdur Razzak. (2015). Lab-on-a-chip PCR-RFLP assay for the detection of canine DNA in burger formulations. *Food Analytical Methods*. 8: 1598-1606. **IF: 1.802.**
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8. Vahab Vaezzadeh, Mohamad Pauzi Zakaria and **Shuhaimi Mustafa**. (2015). Source type evaluation of polycyclic aromatic hydrocarbons (PAHs) in surface sediments from the Muar River and Pulau Merambong, Peninsular Malaysia. *Environmental Forensics*. 16: 135-142. **IF: 0.732.**
9. Nur Azira Tukiran, Amin Ismail, **Shuhaimi Mustafa** and Muhajir Hamid. (2015). Enzyme immunoassay for detection of porcine gelatin in edible bird's nest. *Food Additives and Contaminants: Part A*. 32: 1023-1028. **IF: 2.341.**
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and xylitol for the purification of lipase from pumpkin (*Cucurbita moschata*) seeds and recycling of phase components. *Molecules*. **20**: 11184-11201. *IF*:

11. Md Eaqub Ali, Asing, Sharifah Bee Abd Hamid, Md Abdur Razzak, Nur Raihana Abd Rashid, Md Al Amin and **Shuhaimi Mustafa***. (2015). A suitable method to detect potential fraud of bringing Malayan box turtle (*Cuora amboinensis*) meat into the food chain. *Food Additives and Contaminants: Part A*. **32**: 1223-1233. *IF*: 2.341.
12. Hajaratul Najwa Mohamed, **Shuhaimi Mustafa***, Anwar Fitrianto, Yazid Abd Manap. (2015). Optimization and characterization of calcium alginate/konjac glucomannan beads as oral protein drug delivery system. *International Journal of Current Pharmaceutical and Clinical Research*. **5** (2): 94-105.
13. AR Noor Raihana, JMN Marikkar, I Amin and **M Shuhaimi**. (2015). A review on food values of selected tropical fruits' seeds. *International Journal of Food Properties*. **18**: 2380-2392.
14. Tannaz Jalilsood, Ali Baradaran, Adelene Ai-Lian Song, Hooi Ling Foo, **Shuhaimi Mustafa**, Wan Zuhainis Saad, Khatijah Yusoff and Raha Abdul Rahim. (2015). Inhibition of pathogen and spoilage bacteria by a novel biofilm-forming Lactobacillus isolate: a potential host for the expression of heterologous proteins. *Microbial Cell Factories*. *Microbial Cell Factories*. **14** (96): 1-14. *IF*: 4.22.
15. Mehrzad Keshavarzifard, Mohamad Pauzi Zakaria and **Shuhaimi Mustafa**. (2015). Distribution and source apportionment of sediment-associated polycyclic aromatic hydrocarbons (PAHs) and hopanes in rivers and estuaries of Peninsular Malaysia. *Environmental Science and Pollution Research*. **22**: 9424-9437. *IF*: 2.757.
16. Md Eaqub Ali, Md Al Amin, Sharifah Bee Abd Hamid, MA Motalib Hossain and **Shuhaimi Mustafa**. (2015). Lab-on-a-chip PCR-RFLP assay for the confirmed detection of short-length feline DNA in food. *Food Additives and Contaminants: Part A*. **32**: 1373-1383. *IF*: 2.341.
17. Nurruhdayah Ahmad Fadzillah, Yaakob Che Man, Abdul Rohman, Arieff Salleh Rosman, Amin Ismail, Shuhaimi Mustafa, Alfi Khatib. (2015). Detection of butter adulteration with lard by employing H-NMR spectroscopy and multivariate data analysis. *Journal of Oleo Science*. *Accepted*.
18. Nurhidayatul Asma Mohamad, Shuhaimi Mustafa*, Aly Farag El Sheikha, Nur Fadhilah Khairil Mohktar, Amin Ismail and Md Eaqub Ali. (2015). Modification of gelatin-DNA interaction for optimized DNA extraction from gelatin and gelatin capsule. *Journal of the Science of Food and Agriculture*. *Accepted*. *IF*: 1.714.
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20. Sri Puvanesvari Gannasin, Noranizan Mohd Adzahan, Mohd Yusof Hamzah, **Shuhaimi Mustafa** and Kharidah Muhamad. (2015). Techno-functional properties and in vitro bile acid-binding capacities of tamarillo (*Solanum betaceum* Cv.) hydrocolloids. *Food Chemistry. Accepted. IF:3.259.*