PUBLICATIONS

Journal Articles (49)

Ramroop, P., **Neetoo, H.,** 2018. Antilisterial activity of *Cymbopogon citratus* on crabsticks. *AIMS Microbiology*, 2018, 4(1): 67-84. doi: 10.3934/microbiol.2018.1.67

Subbarayan, S., Ruggoo, A., Neetoo, H., 2017. Potential of commercial spice mixes to enhance the microbial safety and quality of poultry meat, *Journal of World's Poultry Research*. 7(3): 134-144.

Neetoo, H., 2016. Effectiveness of chitosan coatings incorporating nisin and salts of organic acids to control *Listeria monocytogenes* and spoilage microflora on cooked tuna loins. *Asian Journal of Agricultural and Food Sciences*. 4(6): 303-311.

Goburdhun, D., Ruggoo, A., **Neetoo, H**., Beeharry, M., 2016. Hygienic practices in secondary school canteens of Mauritius. *International Journal of Current Research*. 8(9): 39283-39289.

Burgus, H and **Neetoo, H.**, 2016. A study on the food safety knowledge and perceptions among poultry consumers in Mauritius. *Journal of World's Poultry Research*. 6(3): 121-130.

Tang Sik Fon, S., Goburdhun, D., **Neetoo, H.**, 2016. A study on the microbiological quality of noodles sold in Mauritius. *African Journal of Food Science and Technology*. 7(6):125-130.

Beeharry, M., Goburdhun, D., **Neetoo, H**., 2016. Comparative efficacy of chlorinated and non-chlorinated disinfectants on food contact surfaces in a tuna processing area. *International Journal of Biology, Pharmacy and Allied Sciences*. 5(7): 1743-1754.

Chummun, S. and **Neetoo, H.**, 2016. A study on the relationship between microbial growth, histamine development and organoleptic changes in retailed fresh Sprangled Emperor and Big Eye Tuna. *Journal of Food Chemistry and Nanotechnology*. 2(1): 6-13.

Heerah, S. and **Neetoo, H**., 2016. Microbiological safety and physico-chemical quality of fountain and public shower water of Mauritius. *International Journal of Current Microbiology and Applied Sciences* 5(2), 161-172.

Ganeshan, S. and **Neetoo, H**., 2016. Pre-harvest microbial contamination of tomato and pepper plants: Understanding the pre-harvest contamination pathways of mature tomato and bell pepper plants using bacterial pathogen surrogates. *Advances in Crop Science and Technology*, 4:1. http://dx.doi.org/10.4172/2329-8863.1000204

Neetoo, H. and Ganeshan, S., 2015. A study on the contamination routes of tomato and bell pepper plants by *Escherichia coli* and *Listeria innocua*. *Journal of Advances in Agriculture*. 5(2):684-697.

Ganeshan, S. and **Neetoo, H**., 2015. A study on the contamination routes of leafy greens and onion plants by *Escherichia coli* and *Listeria innocua*. *International Journal of Current Microbiology and Applied Sciences* 4(12): 20-35.

Phagoo, L., **Neetoo, H.** 2015. Antibiotic resistance of *Salmonella* in poultry farms of Mauritius. *Journal of World Poultry Research* 5(3): 42-47.

- **Neetoo, H.** 2015. Innovative processing for pre-packaged foods. *International Journal of Innovation and Scientific Research* 16(1): 179-194
- Heetun, I., Goburdhun, D., **Neetoo, H.** 2015. Comparative microbiological evaluation of raw chicken from markets and chilled outlets. *Journal of World Poultry Research*. 5(1), 10-18.
- Lou, F., **Neetoo, H**., Chen, H., Li. J. 2015. High hydrostatic pressure processing: a promising non-thermal technology to inactivate viruses in high-risk foods. *Annual Review of Food Science and Technology* 6: 389-409.
- Cader, S., Goburdhun, D., **Neetoo, H.** 2014. Assessment of the microbial safety and quality of eggs from large and small-scale hen breeders. *Journal of World Poultry Research*. 4(4): 75-81.
- Boubadoor, N., Sanmukhiya, M., **Neetoo, H.** 2014. Isolation, characterization and determination of probiotic properties of lactic acid bacteria from effluents of a dairy plant in Mauritius. *International Journal of Biology, Pharmacy and Allied Sciences*. 4(2): 320-333.
- **Neetoo, H.**, Chen, H. 2014. Influence of growth temperatures of *Salmonella* and storage temperatures of alfalfa seeds on the thermal inactivation of the pathogen. *Journal of Food Processing and Preservation*. doi:10.1111/jfpp.12439.
- **Neetoo, H.,** Mahomoodally, F., 2014. Use of antimicrobial films and edible coatings incorporating chemical and biological preservatives to control the growth of *Listeria monocytogenes* on cold-smoked salmon. *Biomed Research International*. http://dx.doi.org/10.1155/2014/534915
- **Neetoo, H.**, Chen, H. 2014. Factors influencing the dry heat sensitivity of *Salmonella enterica* on alfalfa sprouting seeds. *Journal of Food Safety*. 34: 312-320.
- Li, X., Ye, M., **Neetoo, H.**, Golovan, S., Chen, H., 2013. Pressure inactivation of Tulane virus, a candidate surrogate for human norovirus and its potential application in food industry. *International Journal of Food Microbiology* 162: 37-42.
- Lou, F., Huang, P., **Neetoo, H.,** Gurtler, J.B., Chen, H., Jiang, X., Li, J., 2012. High-pressure inactivation of human norovirus-like particles provides evidence that the capsid of human norovirus is highly pressure-resistant. *Applied and Environmental Microbiology* 78: 5320-5327.
- **Neetoo, H**., Chen, H., 2012. High pressure inactivation of *Salmonella* on Jalapeño and Serrano peppers destined for direct consumption or as ingredients in Mexican salsa and guacamole. *International Journal of Food Microbiology* 156, 197-203.
- **Neetoo, H.**, Lu, Y., Wu, C., Chen, H., 2012. Use of High Hydrostatic Pressure to inactivate *Escherichia coli* O157:H7 and *Salmonella enterica* internalized within and adhered to pre-harvest contaminated green onions. *Applied and Environmental Microbiology* 78, 2063-2065.

- Juck, G., **Neetoo, H.**, Beswick, E., Chen, H., 2012. Influence of prior growth conditions, pressure treatment parameters, and recovery conditions on the inactivation and recovery of *Listeria monocytogenes, Escherichia coli*, and *Salmonella* Typhimurium in turkey meat. *International Journal of Food Microbiology* 153, 203-211.
- Lou, F., **Neetoo**, **H.**, Li, J., Chen, H., Li, J., 2011. Inactivation of human rotavirus, vesicular stomatitis virus, and avian metapneumovirus by high-pressure processing: lack of correlation between barosensitivity of viruses and presence of viral envelope. *Applied and Environmental Microbiology* 77, 8538-8547.
- Ye, M., **Neetoo, H**., Chen, H., 2011. Prior frozen storage enhances the effect of antimicrobial edible coatings against *Listeria monocytogenes* on cold-smoked salmon during subsequent refrigerated storage. *Journal of Applied Microbiology* 111, 865-876.
- Jiang, Z., **Neetoo, H**., Chen, H., 2011. Efficacy of freezing, frozen storage and edible antimicrobial coatings used in combination for control of *Listeria monocytogenes* on roasted turkey stored at chilled temperatures. *Food Microbiology* 28, 1394-1401.
- **Neetoo, H.**, Nekoozadeh, S., Jiang, Z., Chen, H., 2011. Application of High Hydrostatic Pressure to decontaminate green onions from *Escherichia coli* O157:H7 and *Salmonella* spp. *Food Microbiology* 28, 1275-1283.
- Lou, F., **Neetoo, H**., Chen, H., Li. J. 2011. Inactivation of human Norovirus surrogate by High Pressure Processing: effectiveness, mechanism and potential application in fresh produce industry. *Applied and Environmental Microbiology* 77, 1862-1871.
- Ye, M., Huang, Y., **Neetoo, H.**, Shearer, A.E.H., Chen, H., 2011. The influence of growth conditions on pressure resistance and recovery of *Vibrio parahaemolyticus* in oysters. *Journal of Food Protection* 74, 751-758
- **Neetoo, H.**, Chen, H., 2011. Individual and combined application of dry heat with high hydrostatic pressure to inactivate *Salmonella* and *E. coli* O157:H7 on alfalfa seeds. *Food Microbiology* 28, 119-127.
- Juck, G., **Neetoo, H**., Chen, H., 2010. Application of an active alginate coating to control the growth of *Listeria monocytogenes* on poached and deli turkey products. *International Journal of Food Microbiology* 142, 302-308.
- Jiang, Z., **Neetoo**, **H**., Chen, H., 2010. Control of *Listeria monocytogenes* on ready-to-eat foods using chitosan-based antimicrobial coatings and films. *Journal of Food Science* 76, M22-M26.
- **Neetoo, H.**, Chen, H., 2010. Inactivation of *Salmonella* and *Escherichia coli* O157:H7 on artificially contaminated alfalfa seeds using high hydrostatic pressure. *Food Microbiology* 27, 332-338.
- **Neetoo, H.**, Chen, H., 2010. Pre-soaking of seeds enhances pressure inactivation of *E. coli* O157:H7 and *Salmonella* spp. on crimson clover, red clover, radish and broccoli seeds. International Journal of Food Microbiology. 137, 274-280.
- Shearer, A.E.H., **Neetoo, H.**, Chen, H., 2010. Effect of growth and recovery temperatures on pressure resistance of *Listeria monocytogenes. International Journal of Food Microbiology* 136, 359-363.
- **Neetoo, H.**, Ye, M., Chen, H., 2010. Bioactive alginate coatings to control *Listeria monocytogenes* on cold-smoked salmon slices and fillets. *International Journal of Food Microbiology* 136, 326-331.

- Chen, H., **Neetoo, H.**, Ye, M., Joerger, R., 2009. Differences in pressure tolerance of *Listeria monocytogenes* strains are not correlated with other stress tolerances and are not based on differences in CtsR. *Food Microbiology* 26, 404-408.
- **Neetoo, H.**, Ye, M., Chen, H. 2009. Factors affecting the efficacy of pressure inactivation of *Escherichia coli* O157:H7 on alfalfa seeds and seed viability. *International Journal of Food Microbiology* 131, 218-223.
- **Neetoo, H.**, Pizzolato, T., Chen, H., 2009. Application of high hydrostatic pressure and mild heat to target a complete elimination of *Escherichia coli* O157:H7 on alfalfa seeds with minimal adverse effects on seed viability. *Applied and Environmental Microbiology* 75, 1901-1907.
- **Neetoo, H.**, Ye, M., Chen, H., 2008. Potential application of high hydrostatic pressure to eliminate *Escherichia coli* O157:H7 on alfalfa sprouted seeds. *International Journal of Food Microbiology* 128, 348-353.
- Ye, M., Neetoo, H., Chen, H., 2008. Effectiveness of chitosan-coated plastic films incorporating antimicrobials in inhibition of *Listeria monocytogenes* on cold-smoked salmon. *International Journal of Food Microbiology* 127, 235-240.
- **Neetoo, H**., Ye, M., Chen, H., 2008. Potential antimicrobials to control *Listeria monocytogenes* in vacuum-packaged cold-smoked salmon fillets and pâté. *International Journal for Food Microbiology* 123, 220-227.
- M, Ye., **Neetoo, H**., Chen, H., 2008. Control of *Listeria monocytogenes* on ham steaks by antimicrobials incorporated into chitosan-coated plastic films. *Food Microbiology* 25, 260-268.
- **Neetoo, H.**, Ye, M., Chen, H., Joerger R., Hicks D.T., Hoover D.G., 2008. Use of nisin-coated plastic films to control *Listeria monocytogenes* and spoilage microflora on vacuum-packaged cold-smoked salmon. *International Journal of Food Microbiology* 122, 8-15.
- **Neetoo, H.**, Ye, M., Chen, H., 2007. Use of antimicrobial-coated plastic films to control *Listeria monocytogenes* on cold-smoked salmon. International Smoked Seafood Conference Proceedings. University of Alaska Fairbanks, Fairbanks, Alaska, pp. 81-89.
- **Neetoo, H**., Ye M. and Chen H., 2007. The effectiveness and stability of plastic films coated with nisin for Inhibition of *Listeria monocytogenes*. *Journal of Food Protection*. 70, 1267-1271.

Book Chapters (6)

- Chen H. and **Neetoo H**. 2014. Sprouts. In: *Encyclopedia of Food Microbiology*, 2nd Edition (Carl Batt and Mary Lou Tortorello eds.). Academic Press. Pg. 1000-1004.
- **Neetoo, H.**, Chen, H., 2014. Alternative food processing technologies. In: *Food Processing: Principles and Applications* (Stephanie Clark, Stephanie Jung and Buddhi Lamsal, eds). Wiley Publishing. Pg. 137-160. ISBN: 978-0-470-67114-6
- **Neetoo, H.**, Chen, H., and Hoover, D.G. 2011. Emerging methods for post-packaging decontamination. In: *Food decontamination: novel methods and applications.* (Ali Demirci and MO Ngadi, eds.) Woodhead Publishing Limited.

Cambridge, UK. Pg. 746-779

Neetoo, H., Ye, M. and Chen, H. 2010. High Hydrostatic Pressure Processing. In: *Pathogenic Vibrios and Food Safety* (Yi-Cheng Su, ed.). Nova Science Publishers, Inc., Hauppauge, N.Y. Pg. 273-301.

Neetoo, H. and Chen, H. 2012. Application of High Hydrostatic Pressure technology for processing and preservation of foods. In: *Progress in Food Preservation* (Rajeev Bhat, Abd Karim Alias and Gopinadhan Paliyath, eds.). John Wiley & Sons Ltd, Chichester, West Sussex, UK. Pg. 247-276.

Neetoo, H., Chen, H., 2010. Biotechnological aspects of Antimicrobial Packaging. In: *Encyclopedia of Biotechnology in Agriculture and Food* (Heldman, D., Bridges, A., Hoover, D.G., Wheeler, M., Eds.). Marcel Dekker, Inc. New York, pg 43-46.