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Lalithapriya, U., Mariyajenita, P., Aafrin, V., Harini, K., Madhushalini, D., **Sukumar, M.** 2017, Comparative evaluation on shelf life extension of MAP packed *Litopenaeus vannamei* shrimp treated with natural extracts, *LWT - Food Science and Technology* 77, 217-224.

Sivarajan, M., Lalithapriya, U., Mariajenita, P., Vajiha, B.A., Harini, K., Madhushalini, D., **Sukumar, M.** 2017, Synergistic effect of spice extracts and modified atmospheric packaging towards non-thermal preservation of chicken meat under refrigerated storage. *Poultry science* 96(8), 2839-2844.

Chandra Mohan, C., Babuskin, S., Sudharsan, K., Aafrin, V., Mariyajenita, P., LalithaPriya, U., Harini, K., Madhushalini, D., **Sukumar, M.**, 2017, Active compound diffusivity of particle size reduced *S. aromaticum* and *C. cassia* fused starch edible films and the shelf life of mutton (*Capra aegagrus hircus*) meat, *Meat Science* 128, 47-59

Azhagu Saravana Babu, P., Vajiha Aafrin, B., Archana, G., Sabina, K., Sudharsan, K., Sivarajan, M., **Sukumar, M.** 2017. Effects of Polyphenols from *Caralluma fimbriata* on Acrylamide Formation and Lipid Oxidation—An Integrated Approach of Nutritional Quality and Degradation of Fried Food, *International Journal of Food Properties* 20, 1378-1390.

Chandra mohan, C., Rakhavan, K.R., Sudharsan, K., Radha Krishnan, K., Babuskin, S., Azhagu Saravana Babu, P., **Sukumar, M.**, 2017. Impact of *S. aromaticum* and *C. cassia* Incorporated Edible Films on Shelf Life of Seer Fish (*Scomberomorus guttatus*) Stored at Different Temperature Conditions, *Journal of Food Processing and Preservation* 41, 13056.

Chandra mohan, C., Rakhavan, K.R., Sudharsan, K., Radha Krishnan, K., Babuskin, S., **Sukumar, M.**, 2016. Design and characterization of spice fused tamarind starch edible packaging films. *LWT - Food Science and Technology* 72, 239 - 250.

Chandra mohan, C., Rakhavan, K.R., Sudharsan, K., Radha Krishnan, K., Babuskin, S., **Sukumar, M.**, 2016. Development of predictive preservative model for shelf life parameters of beef using response surface methodology, *LWT - Food Science and Technology* 68, 642 - 652.

Chandra mohan, C., Rakhavan, K.R., Sudharsan, K., Radha Krishnan, K., Babuskin, S., Azhagu Saravana Babu, P., **Sukumar, M.**, 2016. Development of predictive preservative model for shelf life parameters of beef using response surface methodology, *LWT - Food Science and Technology* 72, 239 – 250

Sudharsana, K., Chandra Mohan, C., Azhagu Saravana Babu, P., Archanaa, G., Sabinaa, K., Sivarajan, M., **Sukumar, M.**, 2016. Production and characterization of cellulose

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reinforced starch (CRT) films, International Journal of Biological Macromolecules 83, 385-395.

Sivarajan, M., Chandra Mohan, C., Lalitha Priya, U., Rakhavan, K.R., Radha Krishnan, K., Babuskin, S., **Sukumar, M.** 2016. Effect of spice-incorporated starch edible film wrapping on shelf life of white shrimps stored at different temperatures. Journal of science of the food and agriculture 96, 4268-75.