

List of Publications:

1. **Bajwa, H.K.**, Santosh, O., Koul, A. Bisht, M.S. and Nirmala, C. 2019. Quantitative determination of macroelement and microelement content of fresh and processed bamboo shoots by wavelength dispersive X-ray fluorescence spectrometry. *X-ray spectrometry*, 1-7.
2. Nirmala, C., Bisht, M.S., **Bajwa, H.K.**, and Santosh, O. 2018. Bamboo: A rich source of natural antioxidants and its applications in the food and pharmaceutical industry. *Trends in Food Science and Technology*, 77: 91-99.
3. Santosh, O., **Bajwa, H.K.**, Nirmala, C., and Bisht, M.S. 2018. Freeze-dried bamboo shoot powder for food fortification: enrichment of nutritional content and organoleptic qualities of fortified biscuits. *MOJ Food processing & Technology*, 6 (4): 342-348.
4. **Bajwa, H.K.**, Santosh, O., Koul, A., Bisht, M.S. and Nirmala, C. 2018. Phytomodulatory effects of fresh and processed shoots of *Dendrocalamus hamiltonii* on blood glucose and kidney function in Balb/c mice. Proceedings of 11th World Bamboo Congress, theme: Food and Pharmaceuticals, August 14-18, Xalapa, Veracruz, Mexico.
5. Santosh, O., **Bajwa, H.K.**, Bisht, M.S. and Nirmala, C. 2018. Bamboo shoot fortified cookies as a healthy snack. Proceedings of 11th World Bamboo Congress, theme: Food and Pharmaceuticals, August 14-18, Xalapa, Veracruz, Mexico.
6. **Bajwa, H.K.**, Santosh, O., Koul, A. Bisht, M.S. and Nirmala, C. 2018. Antioxidant content and antioxidant activity of aqueous extract from processed shoots of an edible bamboo *Dendrocalamus hamiltonii* Nees & Arn. Ex Munro and their effect on hepatic lipid peroxidation levels in Balb/c mice. *Journal of Pharmacognosy and Phytochemistry*, 7(5): 3248-3255.
7. **Bajwa, H.K.**, Nirmala, C., Koul, A. and Bisht, M.S. 2016a. Changes in organoleptic, physicochemical and nutritional qualities of shoots of an edible bamboo *Dendrocalamus hamiltonii* Nees and Arn. Ex Munro during processing. *Journal of Food Processing and Preservation*, 40(6): 1309-1317.
8. **Bajwa, H.K.**, Santosh, O., Nirmala, C., Koul, A. and Bisht, M.S. 2016b. Spectral analysis of fresh and processed shoots of an edible bamboo *Dendrocalamus hamiltonii* (Nees & Arn.). *Journal of Pharmacognosy and Phytochemistry*, 5(5): 342-350.
9. **Bajwa, H.K.**, Nirmala, C., Koul, A. and Bisht, M.S. 2015. Effects of processing and preservation on phenol and phytosterol content in bamboo shoots. Proceedings of 10th World Bamboo Congress, theme: Food and Pharmaceuticals, September 17-22, Damyang, Korea.
10. Santosh, O., **Bajwa, H.K.**, Nirmala, C., and Bisht, M.S. 2019. Functional biscuits from bamboo shoots: Enrichment of nutrients, bioactive compounds and minerals in bamboo shoot paste fortified biscuits. *International Journal of Food Science and Nutrition*, 4(1): 89-94.