

Publications

Selected Publications:

O'Neil Calvin Falloon, Saheeda Mujaffar, Donna A. Minott. *West Indian Journal of Engineering* 44(2), 92-102 (2022). "Physicochemical and Functional Properties of Protein Isolate from Ackee (*Blighia sapida*) Seed". <https://doi.org/10.47412/AJTD3244>

O'Neil Calvin Falloon, Saheeda Mujaffar, Donna A. Minott. *West Indian Journal of Engineering* 2020, 42(1), 54-65. "Physicochemical and Functional Properties of Starch from Ackee (*Blighia sapida*) Seeds."

Goldson, D. Bremmer, K. Nelson and D. A. Minott-Kates. *West Indian Medical Journal* 2014, 63(1), 9-12. "Fat profile of Jamaican ackees, oleic acid content and possible health implications". <http://dx.doi.org/10.7727/wimj.2013.052>

O'Neil Calvin Falloon, Gail Baccus-Taylor, Donna A. Minott. *West Indian Journal of Engineering* 2014, 36(2), 69-75. "A comparative study of the composition of tree-ripened versus rack-ripened ackees (*Blighia sapida*)"

Madeen Roberts, Donna A. Minott, Simone Pinnock, Paula F. Tennant and Jose C. Jackson. *Journal of the Science of Food and Agriculture* 2014, 94, 1034-1038. "Physicochemical and biochemical characterization of transgenic papaya modified for protection against *Papaya ringspot virus*". <http://dx.doi.org/10.1002/jsfa.6374>.

Safiyyah J. S. Dundee and Donna A. Minott. *Food Research International* 2012, 47, 306-309. "Impact of seed size on residual hypoglycin levels in ackee". <http://dx.doi.org/10.1016/j.foodres.2011.07.045>

Camille S. Bowen-Forbes, Donna A. Minott. *Journal of Agricultural and Food Chemistry* 2011, 59(8), 3869-3875. "Tracking Hypoglycins A and B over Different Maturity Stages: Implications for Detoxification of Ackee (*Blighia sapida* K.D. Koenig) Fruits". <http://dx.doi.org/10.1021/jf104623c>.

Paula F. Tennant, Simone E. Pinnock, Melissa Powell and Andrew O. Wheatley, Donna A. Minott. *Transgenic Plant Journal* 2010, 4(SI1), 29-36 "An Overview of the Safety Assessment of Transgenic Papaya for the Management of *Papaya Ringspot Virus* in Jamaica".

Camille S. Bowen-Forbes and Donna A. Minott. *Magnetic Resonance in Chemistry* 2009, 47, 1004-1006. "Structural characterization of hypoglycin B, a diastereomeric dipeptide from the ackee fruit (*Blighia sapida* Koenig) by NMR experiments". <http://dx.doi.org/10.1002/mrc.2497>

Madeen Roberts, Donna A. Minott, Paula F. Tennant and Jose C. Jackson. *Journal of the Science of Food and Agriculture* 2008, 88(11), 1911-1920. "Assessment of compositional changes during ripening of transgenic papaya modified for protection against *Papaya Ringspot Virus*". <http://dx.doi.org/10.1002/jsfa.3295>

Donna A. Minott and Heather A. Brown. *Journal of Essential Oil Research* 2007, 19(4), 354-357. "Differentiation of fruiting and non-fruiting *Pimenta dioica* (L.) Merr. trees based on composition of leaf volatiles". <http://dx.doi.org/10.1080/10412905.2007.9699303>

Heather A. Brown, Donna A. Minott, Conrad W. Ingram and Lawrence A. D. Williams. *International Journal of Tropical Insect Science* (formerly *Insect Science and its Applications*) 1998, 18(1), 9-16. "Biological activities of the extracts and constituents of pimento, *Pimenta dioica* L. against the southern cattle tick, *Boophilus microplus*". <http://dx.doi.org/10.1017/S1742758400007402>

Alley E. Watada, Nathanee P. Ko and Donna A. Minott. *Postharvest Biology and Technology* 1996, 9(2), 115-125. "Factors affecting the quality of fresh-cut produce". [http://dx.doi.org/10.1016/S0925-5214\(96\)00041-5](http://dx.doi.org/10.1016/S0925-5214(96)00041-5)