

## Publications

### (a) **Books already published:**

- (1) Abolore, B., **Olasanmi, B.**, Balogun M. Adetoro, N., Raji, A., Ayankanmi, T., Oche, ThankGod and Kulakow, P. (2019). Nurturing cassava to a bumper harvest for diverse livelihoods: A Training Manual. Ibadan University Press. 24 Pp.

### (b) **Chapters in Books already published**

- (2) Egesi, C.N., **Olasanmi, B.**, Mbanaso, E.N.A., Okogbenin, E., Ekwe, K.C., Fregene M. and Nwosu, K.I. (2011). Biofortification of cassava for enriched food and nutrition security. In: Amadi C.O., Ekwe K.C., Chukwu G.O., Olojede A.O. and Egesi C.N (Eds.). *Root and Tuber Crops Research for Food Security and Empowerment*. National Root Crops Research Institute, Umudike. 51-62 pp. ISBN: 978-978-910-093-4.
- (3) Okogbenin, E., Kahya, S.S., **Olasanmi, B.** and Fregene M. (2012). Theory and use of molecular markers. In: R.H. Howeler (Ed.). *The Cassava Handbook (A Reference Manual based on the Asian Regional Cassava Training Course, held in Thailand)*. International Centre for Tropical Agriculture. 170-198 pp.
- (4) **Olasanmi, B.**, Akoroda, M.O., Okogbenin, E., Egesi, C. and Fregene, M. (2014): Extra-early maturing cassava varieties: breeding status and progress. In: Francis P. Molinari (Ed.). *Food and Beverage Consumption and Health: Cassava Production, Nutritional Properties and Health Effects*. Nova Science Publisher Inc., New York. 193-206 pp. ISBN: 978-1-63321-031-8.
- (5) Adeoye, G.O, Adeoluwa, O.O., and **Olasanmi, B.** (2019). Agronomy as a Science. In: Olajuyigbe, S. O. and AdeOluwa O.O. (Eds.). *Agriculture, Renewable Natural Resources, Animal Husbandry and Health: A Textbook for GES 105. The General Studies Programme (GSP), University of Ibadan, Ibadan, Nigeria*. Ibadan University Press, Ibadan, Nigeria. 37-55 pp. ISBN: 978-978-8529-86-6.

### (c) **Articles that have already appeared in Refereed Conference Proceedings**

- (6) Egesi, C.N., **Olasanmi, B.**, Ekwe, K.C., Ndukwe, I., Ilona, P., Okogbenin, E., Onwuka, S. and Ewa, F. (2012): Participatory breeding for Pro-Vitamin A enriched cassava in Nigeria. In Okechukwu R.U. and P. Ntawuruhunga (Eds.). *Root Crops in Africa and the Challenges of Globalization and Climate Change: Proceedings of the Eleventh Triennial Symposium of the International Society of Tropical Root Crops, Africa Branch*. 4-8 October, 2010. Kinshasa, Democratic Republic of Congo. IITA, Ibadan, Nigeria. 236-240 pp.

### (d) **Patents and Copyrights: Nil**

### (e) **Articles that have already appeared in learned Journals**

- (7) Olaniyan, B.A., Akintoye, H.A., and **Olasanmi, B.** (2006): Effect of different sources of nitrogen on growth and yield of *Solanum macrocarpon* in derived savanna of Nigeria. *Journal of Agronomy* Vol. 5. No. 2, 182-185.
- (8) Okogbenin, E., Egesi, C.N., **Olasanmi, B.**, Ogundapo, O., Kahya, S., Hurtado, P., Marin, J., Akinbo, O., Mba, C., Gomez, H., de Vicente, C., Baiyeri, S., Uguru, M., Ewa, F. and Fregene, M. (2012): Molecular marker analysis and validation of resistance to cassava mosaic disease in selected elite genotypes in Nigeria. *Journal of Crop Science* Vol. 52, 2576-2586. doi: 10.2135/cropsci2011.11.0586.
- (9) Egesi C.N., E. Okogbenin, O.N. Eke-Okoro, **B. Olasanmi** and P. Kulakow (2012). Nomination of Three Cassava Varieties for Naming, Registration and Release. A paper submitted to National Release Technical Sub-Committee (Crops).
- (10) Omodamiro, R.M., Oti, E., Etudaiye, H.A., Egesi, C., **Olasanmi, B.** and Ukpabi, U.J. (2012): Production of *fufu* from yellow cassava roots using the odourless flour technique and the traditional method: Evaluation of carotenoids retention in the *fufu*. *Advances in Applied Science Research* Vol. 3. No. 5, 2566-72.
- (11) Okogbenin, E., Setter, T.L., Ferguson, M., Mutegi, R., Ceballos, H., **Olasanmi, B.** and Fregene, M. (2013): Phenotypic approaches to drought in cassava: review. *Frontiers in Physiology* Vol. 4. No. 93, 15 p. doi: 10.3389/fphys.2013.00093.
- (12) **Olasanmi, B.**, Akoroda, M.O., Okogbenin, E., Egesi, C., Kahya, S.S., Onyegbule, O., Ewa, F., Guitierrez, J., Ceballos, H., Tohme, J. and Fregene, M. (2014): Bulked segregant analysis identifies molecular markers associated with early bulking in cassava (*Manihot esculenta* Crantz). *Euphytica* Vol. 195, 235–244. doi: 10.1007/s10681-013-0991-2.
- (13) **Olasanmi, B.**, Akoroda, M.O., Okogbenin, E., Egesi, C. and Fregene, M. (2014). Cross-compatibility among six improved cassava (*Manihot esculenta* Crantz) varieties. *Journal of Root Crops* Vol. 40. No. 1, 15-22.
- (14) **Olasanmi, B.**, Akoroda, M.O., Okogbenin, E., Egesi, C. and Fregene, M. (2014): Marker-assisted selection for improvement of high and early root productivity in cassava (*Manihot esculenta* Crantz). *Agricultural Innovations for Sustainable Development* Vol. 4. No. 3, 341-349.
- (15) Alaba A.O., Bredeson, J.V., Egesi, C.N., Esuma, W., Ezenwaka, L., Ferguson, M.E., Ha, C.M., Hall, M.C., Herselman, L., Ikpan, A.S., Kafiriti, E.M., Kanju, E., Kapinga, F., Karugu, A., Kawuki, R.S., Kimata, B., Kimurto, P.K., Kulakow, P.A., Kulembeka, H.P., Kusolwa, P.M., Lyons, J.B., Masumba, E., Van De Merwe A., Mkamilo, G. Myburg, A.A., Nwaogu, A., Nzuki, I., **Olasanmi, B.**, Okogbenin, E., Onyegbule, O., Owuoche, J.O., Pariyo, A., Prochnik, S.E., Rabbi, I.Y., Rokhsar, D.S., Rounsley, S.D., Salum, K., Kahya, S.S., Sichalwe, C. and Stephen, M. (2015). High-Resolution Linkage Map and Chromosome-Scale Genome Assembly for Cassava (*Manihot esculenta* Crantz) from ten Populations. *G3: Genes/Genomes/Genetics* Vol. 5, 133-144. doi: 10.1534/g3.114.015008.

- (16) Ewa, F., Nwofia, E., Egesi C., **Olasanmi, B.**, and Okogbenin, E. (2017). Genetic variability, heritability and variance components of some yield and yield related traits in second backcross population (BC<sub>2</sub>) of cassava. *African Journal of Plant Science* Vol. 11. No. 6, 185-189. doi: 10.5897/AJPS2015.1324.
- (17) **Olasanmi, B.**, Akoroda, M.O., Okogbenin, E., Egesi, C., Nwaogu, A.S., Tokula, M.H., Ukaa, G.T., Agba, A.J., Ogbuekiri, H., Nwakor, W., Nwanguma, F., Eke-Okoro, O.N. and Fregene M. (2017). Identification of cassava (*Manihot esculenta* Crantz) genotypes with early storage root bulking. *Journal of Crop Improvement* Vol. 31. No. 2, 173–182. <http://dx.doi.org/10.1080/15427528.2017.1281182>.
- (18) **Olasanmi, B.** (2018). Effect of storage environment and period on viability of breadnut (*Artocarpus camansi* Blanco) seeds in rainforest agroecology, Nigeria. *Journal of Agricultural and Crop Research* Vol. 6. No. 1, 1-6.
- (19) Ukwu, N.U. and **Olasanmi, B.** (2018). Crossability among Five Cassava (*Manihot esculenta* Crantz) Varieties. *Modern Concept and Development in Agronomy* Vol. 2 No. 4, 1-6. DOI: 10.31031/MCDA.2018.02.000543.
- (20) Osho, T. and **Olasanmi, B.** (2019). Genetic Variability among Cowpea (*Vigna unguiculata* L. Walp) Mini Core Collection. *Asian Journal of Research in Crop Science* Vol. 2 No. 4, 1-10. DOI: 10.9734/AJRCS/2018/46260.
- (21) Oyeniya, O.S. **Olasanmi, B.**, Olakojo, S.A. and Akinyosoye, S.T. (2019). Genetic Diversity and Responses of Some Selected Yellow Maize Genotypes to Stem Borer (*Sesamia calamistis* Hampson) Infestation. *Journal of Experimental Agriculture International* Vol. 39 No. 1, 1-10. DOI: 10.9734/JEAI/2019/v39i130322.
- (22) Darkwa, K., **Olasanmi, B.**, Asiedu, R. and Asfaw, A. (2019). Review of empirical and emerging breeding methods and tools for yam (*Dioscorea* spp.) improvement: Status and prospects. *Plant Breeding* Vol. 139, 474-497. <https://doi.org/10.1111/pbr.12783>.
- (23) Garcia-Oliveira, A.L., Zate, Z.Z., **Olasanmi, B.** Boukar, O., Gedil, M. and Fatokun C. (2020). Genetic dissection of yield associated traits in a cross between cowpea and yard-long bean (*Vigna unguiculata* (L.) Walp.) based on DArT markers. *Journal of Genetics* Vol. 99 No. 57, 1-13. <https://doi.org/10.1007/s12041-020-01216-8>.
- (24) Darkwa, K., Agre, P., **Olasanmi, B.** Iseki, K., Matsumoto, R., Powell, A., Bauchet, G., De Koeyer, D., Muranaka, S., Adebola, P., Asiedu, R., Terauchi, R., and & Asfaw, A. (2020). Comparative assessment of genetic diversity matrices and clustering methods in white Guinea yam (*Dioscorea rotundata*) based on morphological and molecular markers. *Scientific Report* Vol. 10, 1-14. <https://doi.org/10.1038/s41598-020-69925-9>.
- (25) Agre, P., Nwachukwu, C., **Olasanmi, B.**, Obidiegwu, J., Nwachukwu, E., Adebola, P., Dekoeyer, D., Asrat, A. (2020). Sample Preservation and Plant Sex Prediction in White Guinea yam (*Dioscorea rotundata* Poir.). *Journal of Applied Biotechnology Reports* Vol. 7 No. 3, 145-151. doi: 10.30491/jabr.2020.224143.1201.
- (26) Asfaw, A., Aderonmu, S.D., Darkwa, K., De Koeyer, D., Agre, P., Abe, A., **Olasanmi, B.**, Adebola, P. and Asiedu, R. (2020). Genetic Parameters, Prediction and Selection in White Guinea Yam Early Generation Breeding Population Employing Pedigree Information. *Crop Science* 1-14. <https://doi.org/10.1002/csc2.20382>.

- (27) **Olasanmi, B.**, Kyallo , M. and Yao, N. (2021). Marker-assisted selection complements phenotypic screening at seedling stage to identify cassava mosaic disease-resistant genotypes in African cassava populations. *Scientific Reports* Vol. 11 No. 1: 1-8. <https://doi.org/10.1038/s41598-021-82360-8>.
- (28) Ige, A.D., **Olasanmi, B.**, Mbanjo, E.G.N., Kayondo, I.S., Parkes, E.Y., Kulakow, P., Egesi, C., Bauchet, G.J., Ng, E., Lopez-Lavalle, L.A.B., Ceballos, H., and Rabbi, I.Y. (2021). Conversion and Validation of Uniplex SNP Markers for Selection of Resistance to Cassava Mosaic Disease in Cassava Breeding Programs. *Agronomy* Vol. 11 No. 3, 420: 1-19. <https://doi.org/10.3390/agronomy11030420>.
- (29) Salim, H.K., Efisue, A.A., **Olasanmi, B.** and Kang, K. (2021). Correlation Coefficient and Path Analyses of Yield and Yield Related Traits of Korean Double Haploid Rice for Germplasm Improvement in Nigeria. *American Journal of Agriculture and Forestry*. Vol. 9 No. 3: 114-121. doi: 10.11648/j.ajaf.20210903.13.
- (30) Salim, H.K., Efisue, A.A., **Olasanmi, B.** and Kang, K. (2021). Genetic variation and diversity analysis of rice (*Oriza sativa* L.) based on quantitative traits for crop improvement. *Greener Journal of Agricultural Sciences* Vol. 11 No. 2: 70-79.
- (31) **Olasanmi, B.**, Eyo, R. and Iluebey, P. (2021): Genotypic variation for starch yield in cassava (*Manihot esculenta* Crantz) in Ibadan, Nigeria. *Journal of Crop Improvement* DOI: 10.1080/15427528.2021.2001705.
- (32) Codjia, E.D., **Olasanmi, B.**, Agre, P.A., Uwugiaren R., Ige, A.D., Rabbi, I.Y. (2022). Selection for resistance to cassava mosaic disease in African cassava germplasm using single nucleotide polymorphism markers. *S Afr J Sci.* 2022;118(1/2), Art. #11607. <https://doi.org/10.17159/sajs.2022/11607>.