

LIST OF PUBLICATIONS

(A) JOURNAL PUBLICATIONS

1. Maria Kolesnikova-Allen, **Festus Olasupo**, Francis Padi, Desire Pokou and Peter Aikpokpodion (2023). How KASP™ has revolutionised Cacao breeding. LGC Biosearch Technologies.
2. Anagbogu C.F., Zhou J., **Olasupo, F.O.**, Baba Nitsa M. and Beckles DM. (2021). Lipidomic and metabolomics profiles of *Coffea canephora* L. beans cultivated in Southwestern Nigeria. *PLoS ONE* 16(2): e0234758.
<https://doi.org/10.1371/journal.pone.0234758>
3. Irondi, E.A., Olawuyi, A.D., Lawal, B.S., Boligon, A.A., **Olasupo, F.** and Olalekan, S.I. (2019). Comparative Inhibitory Effects of Cocoa Bean and Cocoa Pod Husk Extracts on Enzymes Associated with Hyperuricemia and Hypertension in vitro. *International Food Research* 26(2): 557-564
4. **Olasupo, F.O.**, Ilori, C.O., Stanley, E.O., Owoeye, T.E. and Igwe, D.O. (2018). Genetic Analysis of Selected Mutants of Cowpea (*Vigna unguiculata* [L.] Walp) Using Simple Sequence Repeat and *rcbL* Markers. *American Journal of Plant Sciences*. 9 (13): 2728-2756
5. **Olasupo, F.O.**, Ilori, C.O., Forster, B.P. and Bado, S. (2018). Selection for Novel Mutations Induced by Gamma Irradiation in Cowpea [(L.) Walp.]. *International Journal of Plant Breeding and Genetics*, 12:1-12
6. **Olasupo F.O.**, Adewale B. D., Aikpokpodion P.O., Muyiwa A.A., Bhattacharjee R, Guitierrez O.A., Motamayor J., Schnell R, Sona Ebai and Zhang Dapeng (2018). Genetic Identity and Diversity of Nigerian Cacao Genebank Collections Verified by Single Nucleotide Polymorphisms (SNPs): A Guide to Field Genebank Management and Utilization. *Tree Genetics and Genomes*, 14: 32
7. Irondi, E.A., Olanrewaju, S., Oboh, G., **Olasupo, F.** and Boligon, A.A. (2017): Inhibitory Potential of Cocoa Leaves Polyphenolics-Rich Extract on Xanthine Oxidase and Angiotensin 1-Converting Enzyme, *Journal of Biologically Active Products from Nature*, DOI: 10.1080/22311866.2017.1293564
8. **Olasupo, F.O.**, Ilori, C.O., and Muyiwa, A.A. (2016). Radio-sensitivity of cowpea to ultraviolet radiation by pollen treatment. *Journal of Plant Breeding and Crop Science*. 8(11): 228-239. <http://dx.doi: 10.5897/JPBCS2016.0602>.

9. **Olasupo, F.O.**, Ilori, C.O., Forster, B.P. and Bado, S. (2016). Mutagenic Effects of Gamma Radiation on Eight Accessions of Cowpea (*Vigna unguiculata* [L.] Walp.). *American Journal of Plant Sciences*. 7: 339-351. <http://dx.doi.org/10.4236/ajps.2016>.
10. Adeigbe O.O., Adewale B.D., Muiyiwa A.A., **Olasupo F.O.**, Olaniyi O.O., Adenuga O.O., Williams O.A. and Aliyu O.M. (2016) Quantitative descriptors of cashew nut categories in Nigeria: Providing indices for superior nut selection. *ARP Journal of Agricultural and Biological Science* 11(4):142-148
11. Adeigbe, O.O., **Olasupo, F.O.**, Adewale, B.D. and Muiyiwa, A.A. (2015) A review of cashew research and production in Nigeria in the last four decades. *Scientific Research Essays* 10(5):196-209
12. Agbongiarhuoyi, E.O., Uwagboe, E.O., Ibiremo, O.S., **Olasupo, F.O.** and Aigbekaen, E.O. (2015) Assessment of Factors Associated with Low Yield of Cashew among Farmers in Growing Areas of Nigeria. *American Journal of Experimental Agriculture* 6(4):258-266
13. Akanbi, O.S.O., O.A. Famaye, S.O. Ojeniyi, B.A. Nduka, N. Taiwo, **F.O. Olasupo**, O.M. Azeez, G.O. Edibo and D.O. Gbemisola (2013) Growth response of cashew seedlings to applied organic fertilizers of animal and plant origin on a degraded soil in Ibadan, South-West, Nigeria. *International Research Journal of Agricultural Science and Soil Science* vol. 3(3): 93-98
14. Adenuga, O.O., E.F. Mapayi, **F.O. Olasupo**, O.O. Olaniyi and A.V. Oyedokun (2012) Nigeria's Cola Genetic Resources: The Need for Renewed Exploration. *Asian Journal of Agricultural Sciences* 4(3): 177-182.

(B) CONFERENCES / SYMPOSIA PROCEEDINGS & BOOK OF ABSTRACTS

1. **Olasupo F.O.**, Sobowale I.O., Adeigbe O.O., Baba Nitsa M., Anagbogu C.F., Adenuga O.O., Balogun S.T., Muiyiwa A.A. and Adebola P.O. (2021). Relevance of Nut Floatation Test and Sowing Medium to the Germination of Cashew (*Anacardium occidentale* L.). Proceedings of the 39th Annual Conference of the Horticultural Society of Nigeria (HORTSON) "CRIN 2021" Pp 805-808
2. Baba Nitsa M., **Olasupo F.O.**, Muiyiwa A.A., Idrisu M., Olaniyi O.O., Adepoju A.F. and Ugioro O. (2021). Genetic Analysis of the Seeds Characteristics and Plant Growth Habits of Robusta Coffee (*Coffea canephora*) Accessions. Proceedings of the 39th Annual Conference of the Horticultural Society of Nigeria (HORTSON) "CRIN 2021" Pp 732-736

3. Adeniyi D.O., **Olasupo F.O.** and Adebola P.O. (2021). Preclusive Investigation on Nursery Performance and Response to Natural Disease Infection by Brazilian Large Biotype and Polyclonal Progenies Cashew. Proceedings of the 39th Annual Conference of the Horticultural Society of Nigeria (HORTSON) “CRIN 2021” Pp 142-146.
4. Ogunlade M.O., Adeniran B.O., **Olasupo F.O.**, Asowata F.E., Adebowale L.A. and Ijadunola F.T. (2021). Evaluation of Nut Yield and Foliar Nutrient Contents of Three Cashew Biotypes at Different Reproductive Stages. Proceedings of the 39th Annual Conference of the Horticultural Society of Nigeria (HORTSON) “CRIN 2021” Pp 1061-1064.
5. **Olasupo F.O.** and Ilori C.O. (2019). Inheritance of Yellow Leaf Mutant of Cowpea. Proceedings of 43rd Annual Conference of Genetic Society of Nigeria, Department of Cell Biology and Genetics, University of Lagos, Lagos, Nigeria 7 – 11 October, 2019 Pp 372-379.
6. Baba-Nitsa M., **Olasupo F.O.**, Adeigbe O.O., Balogun T.S. and Idrisu M. (2019). Comparative studies of flower sex ratio and fruit production among cashew varieties. Proceedings of 43rd Annual Conference of Genetic Society of Nigeria, Department of Cell Biology and Genetics, University of Lagos, Lagos, Nigeria 7 – 11 October, 2019 Pp 392-395.
7. **Olasupo F.O.**, Muiyiwa A.A., Adewale D., Aikpokpodion P.O., Bhattacharjee R, Zhang D, Motamayor J and Schnell R. (2016). Verification of genetic integrity and diversity of Nigerian cacao collection through SNP: providing guide to proper cacao field genebank management. Regional Cocoa Symposium held on 8 -10 November, 2016. Ibadan, Nigeria.
8. Bhattacharjee R, Nene Akwetey-Kodjoe, Olivier Sounigo, Francis Padi, **Festus Olasupo**, Ives Bruno Efombagn, Mathias Tahi, Desire Pokou, Stephan Opoku, Abu Dadzie, Anna Muiyiwa, Peter Aikpokpodion, Honorine Brigitte Guiraud, Komivi Amitafe and Sona Ebai. (2016). True-to-type fingerprinting: Implications towards cocoa and chocolate economy and sustainability. Regional Cocoa Symposium held on 8 -10 November, 2016. Ibadan, Nigeria.
9. **Olasupo F.O.**, Ilori C.O., Muiyiwa A.A. and Bado S. (2016). Induced mutations for increasing genetic diversity in cowpea (*Vigna unguiculata* [L.] Walp.). Pan-African Grain Legume & World Cowpea Conference held on 28 February to 4 March 2016. Livingstone, Zambia.
10. **Olasupo F.O.**, Ilori C.O. and Muiyiwa A.A. (2016). Radio-sensitivity of cowpea to ultra-violet radiations by pollen treatment. Pan-African Grain Legume & World Cowpea Conference held on 28 February to 4 March 2016. Livingstone, Zambia.

(C) BOOK CHAPTERS / PUBLICATIONS

1. **Olasupo, F.O.** (2021) Planting Material and Nursery Practices for Sustainable Cashew Cultivation. In: Training Manual/Guideline on Good Agronomic Practices (GAP) for Farmers and Other Stakeholders in Cashew Production in Kogi State, Organized by Agro-processing Productivity enhancement and Livelihood Improvement Support (APPEALS) Project Coordinating Office Lokoja. Cocoa Research Institute of Nigeria pp 7-12.
2. **Olasupo, F.O.** and Aikpokpodion P.O. (2019). Cacao Genetic Resources Conservation and Utilization for Sustainable Production in Nigeria. In: Aikpokpodion, P.O. (Ed.) Theobroma Cacao – Deploying Science for Sustainability of Global Cocoa Economy. IntechOpen, U.K. pp 103-116.
3. **Olasupo, F.O.**, Adeigbe O.O. and Ibiremo O.S. (2018). Status of High Yielding Variety of Cashew Cultivation in Nigeria. In: Cashew Technology Handbook 2018. CashewInfo.com pp. 42-45.
4. **Olasupo, F.O.** and Adeigbe O.O. (2019) Nursery Practices for Sustainable Cashew Cultivation. In Ibiremo, O.S. and Agbongiarhuoyi, A.E. (Eds). In: Cashew Training Manual: Good Agricultural Practices (GAP) in the Management of Cashew Farms in Nigeria. Cocoa Research Institute of Nigeria pp 5-9.