1. **Amissah, J. N**., Opoku-Agyemang, F., Asem, F. E., Osei-Safo, D., & Addae-Mensah, I. (2024). Increasing the planting density of *Cryptolepis sanguinolenta* (Lindl.) Schlt increased root biomass and cryptolepine yield. *Heliyon*, 10(10). https://doi.org/10.1016/j.heliyon.2024.e30932
2. Munialo, S., Siddique, K. H. M., Barker, N. P., Onyango, C. M., **Amissah, J. N**., Wamalwa, L. N., Qwabe, Q., Dougill, A. J., & Sibanda, L. M. (2024). Reorienting research investments toward under-researched crops for sustainable food systems. *Food and Energy Security*, 13, e538. https://doi.org/10.1002/fes3.538
3. Houegban, J., N'Danikou, S., Aglinglo, L. A., Tchokponhoué, D. A., **Amissah, J. N.**, Ankamah-Yeboah, T., & Achigan-Dako, E. G. G. (2024). Traditional African Vegetables' Seed Access and Management Practices: Case of Vernonia amygdalina (Delile) in southern Benin. *Frontiers in Sustainable Food Systems*, 8, 1276736. https://doi.org/10.3389/fsufs.2024.1276736
4. Tutu, C. O., Amissah, J. G. N., **Amissah, J. N**., Akonor, P. T., Budu, A. S., and Saalia, F. K. (2024). Physical, chemical, and rheological properties of flour from accessions of Frafra potato (*Solenostemon rotundifolius*). *Journal of Agriculture and Food Research*, 15, 100974, 1-11. https://doi.org/10.1016/j.jafr.2024.100974
5. Tutu, C. O., Amissah, J. G. N., **Amissah, J. N.**, Akonor, P. T., Budu, A. S., & Saalia, F. K. (2024). Application of Frafra potato (Solenostemon rotundifolius) flour in the development of gluten-free bread. *Heliyon*, *10*(2). DOI:https://doi.org/10.1016/j.heliyon.2024.e24521
6. Osei Tutu, C., Amissah, J. G. N., Amissah, J. N., Akonor, P. T., Arthur, W., Budu, A. S., & Saalia, F. K. (2023). Physicochemical and microstructural characteristics of Frafra potato (Solenostemon rotundifolius) starch. *International Journal of Food Properties*, *26*(1), 1624-1635, DOI: 10.1080/10942912.2023.2228513
7. Markin, G., Eleblu, J. S., **Amissah, J. N**., Reynolds, S., Soraru, C., Craze, M. S., ... & Danquah, E. Y. (2023). Plant fruit extracts enhance the in vitro propagation of cowpea (Vigna unguiculata) on Murashige and Skoog media. Plant Cell, Tissue and Organ Culture (PCTOC), 155(1), 81-90. https://doi.org/10.1007/s11240-023-02554-y
8. Awu, J. E., Nyaku, S. T., **Amissah, J. N.**, Okorley, B. A., Agyapong, P. J., Doku, F. E., & Nkansah, G. O. (2023). Grafting for sustainable management of Fusarium wilt disease in tomato production in Ghana. *Journal of Agriculture and Food Research*, 100710.https://doi.org/10.1016/j.jafr.2023.100710.
9. Peter Amoako Ofori, Frank Opoku-Agyemang, Stella Owusu-Nketia, **Naalamle Amissah**, and Michitaka Notaguch (2023). A New Intercropping System for Cocoa Cultivation Using Erect Cassava, *Trop. Agr. Develop.* 67 (2):54 – 59. https://doi.org/10.11248/jsta.67.54.

10. **Amissah, J.N**., Hadziabdic, D., Boggess, S.L. and Trigiano, R.N. (2022). Genetic diversity and population structure of the antimalarial plant *Cryptolepis sanguinolenta* in Ghana. *Front. Conserv. Sci.* 3:1020981. https://doi.org/10.

11. Asare-Addo, D. C., **Amissah, J. N.,** Ofori, P. A., Owusu-Nketia, S., Opoku-Agyemang, F., & Nkansah, G. O. (2022). Evaluation of Agronomic Performances and Fruit Quality of Improved Tomato (*Solanum lycopersicum* L.) lines under greenhouse conditions. *Journal of Agriculture and Food Research*, *9*, 100360. https://doi.org/10.1016/j.jafr.2022.100360.

12. Okorley, B. A., **Amissah, J. N**., Nyaku, S. T., Kusi, F., Danquah, A., & Danquah, E. Y. (2022). First Report of *Colletotrichum gloeosporioides* Causing Anthracnose on Frafra Potato (*Coleus rotundifolius*) in Ghana. Plant Disease, PDIS-01, https://doi.org/10.1094/PDIS-01-22-0229-PDN

13. **Amissah, J.N.,** Alorvor, F. E., Okorley, B. A., Asare, C. M., Osei-Safo, D., Appiah-Opong, R., & Addae-Mensah, I. (2022). Mineral Fertilization Influences the Growth, Cryptolepine Yield, and Bioefficacy of *Cryptolepis sanguinolenta* (Lindl.) Schlt. *Plants*, *11*(1), 122. https://doi.org/10.3390/plants11010122.

14. Agyeman, C., Okorley, B.A., **Amissah, J.N.** and Nyaku, S.T. (2021). Evaluation of tomato (*Solanum lycopersicum* 'Pectomech') grafts against root-knot nematode *Meloidogyne incognita*. *Acta Hortic.* 1302,177-184 https://doi.org/10.17660/ActaHortic.2021.1302.24

15. **Amissah, J.N**. (2019). Loss of Indigenous Crop Species: Implications for Crop Diversity and Food Security in Ghana. *Science and Development* 3:64-83.

16. Nyawudzo, G. **Amissah, J.N.**, Kusi, F. & Ofori, K. (2019). Morphological and Molecular Characterization of Frafra Potato (*Solenostemon rotundifolius*) Accessions in Ghana. *Science and Development* 3:1-19

17. Osei-Tutu, C., Amissah, J.G.N., **Amissah, J.N.** & Saalia, F.K. (2019). Physicochemical and Sensory Characteristics of Bread Made from Wheat-Frafra Potato (*Solenostemon rotundifolius*) Composite Flour *Science and Development* 3:20-29.

18. Smith, M. S., Blay, E. T., & **Amissah, N.** (2019). Responses of four sweetpotato (*Ipomoea batatas* L.) accessions to in vitro regeneration and slow growth preservation. *International Journal of Agriculture and Forestry*, *9*(2), 49-60. DOI: 10.5923/j.ijaf.20190902.02

19. Hua, L. Hadziabdic, D., **Amissah, N.,** Nowicki, M., Boggess, S., Teng, N & Trigiano, R. N. (2018). Characterization of fifteen microsatellite loci and genetic diversity analysis for the Ghanaian food security crop *Solenostemon rotundifolius* (Frafra potato). *Afr. J. Biotechnology* Vol.17(47), 1352-1357. http://dx.doi.org/10.5897/AJB2018.16666

20. Okorley, B., Agyeman, C., **Amissah, N.,** & Nyaku, S. (2018). Screening Selected Solanum Plants as Potential Rootstocks for the Management of Root-knot

Nematodes (*Meloidogyne incognita*). International Journal of Agronomy. 6, 1-9. https://doi.org/10.1155/2018/6715909.

21. Monney, M. A. D., **Amissah, N.,** & Blay, E. (2016). Influence of BA and IBA or NAA Combinations on Micropropagation of *Cryptolepis sanguinolenta*. *American Journal of Plant Sciences*, *7*(3), 572-580. DOI: 10.4236/ajps.2016.73050.

22. **Amissah, J. N.,** Osei-Safo, D., Asare, C. M., Missah-Assihene, B., Danquah, E. Y., & Addae-Mensah, I. (2016). Influence of age and staking on the growth and cryptolepine concentration in cultivated roots of Cryptolepis sanguinolenta (Lindl.) Schlt. *Journal of Medicinal Plants Research*, *10*(9), 113-121. https://doi.org/10.5897/JMPR2015.5793.

23. **Naalamle, J. Amissah**, A. Wadl Phillip, Hadziabdic Denita, L. Boggess Sarah, and N. Trigiano Robert. Characterization of thirteen microsatellite loci from the Ghanaian antimalarial plant *Cryptolepis sanguinolenta*. *Journal of Medicinal Plants Research* 10, no. 14 (2016): 183-187. https://doi.org/10.5897/JMPR2016.6047.

24. **Amissah, J. N.,** Spiller, M., Oppong, A., Osei-Safo, D., Owusu-Darko, R., Debener, T., ... & Addae-Mensah, I. (2016). Genetic diversity and cryptolepine concentration of *Cryptolepis sanguinolenta* (Lindl). Schlt. from selected regions of Ghana. *Journal of Applied Research on Medicinal and Aromatic Plants*, *3*(1), 34-41. https://doi.org/10.1016/j.jarmap.2015.12.005.

25. Akakpo, D. B., **Amissah, N.,** Yeboah, J., & Blay, E. (2014). Effect of indole 3-butyric acid and media type on adventitious root formation in sheanut tree (*Vitellaria paradoxa* CF Gaertn.) stem cuttings. *American Journal of Plant Sciences*, *2014*. DOI:10.4236/ajps.2014.53043.

26. **Amissah, N.,** Akakpo, B., Yeboah, J., & Blay, E. (2013). Asexual propagation of sheanut tree (*Vitellaria paradoxa* CF Gaertn.) using a container layering technique. *American Journal of Plant Sciences*, *4*(09), 1758. http://dx.doi.org/10.4236/ajps.2013.49216.

27. **Amissah, J. N.,** & Monney, M. A. D. (2012). Effect of indole 3-butyric acid and propagation medium on rooting in *Bougainvillea glabra* L. and *Bougainvillea spectabilis* L. stem cuttings using a poly-propagator. *Ghana Journal of Horticulture*, *10*, 27-32. https://www.cabidigitallibrary.org/doi/full/10.5555/20133231023.

28. **Naalamle Amissah, J.,** & Bassuk, N. (2009). Cutting back stock plants promotes adventitious rooting of stems of *Quercus bicolor* and *Quercus macrocarpa*. *Journal of Environmental Horticulture*, *27*(3), 159-165. https://doi.org/10.24266/0738-2898-27.3.159.

29. **Amissah, J. N.,** Paolillo, D. J., & Bassuk, N. (2008). Adventitious root formation in stem cuttings of *Quercus bicolor* and *Quercus macrocarpa* and its relationship to stem anatomy. *Journal of the American Society for Horticultural Science*, *133*(4), 479-486. https://doi.org/10.21273/JASHS.133.4.479.

30. **Amissah, J. N.,** & Bassuk, N. (2007). Effect of light and cutting age on rooting in *Quercus bicolor*, *Quercus robur* and *Quercus macrocarpa* cuttings. In *Combined Proceedings of the International Plant Propagators Society* (Vol. 57, pp. 286-292). https://sna.ipps.org/uploads/docs/57_046.pdf.
31. **Amissah, N.,** & Bassuk, N. (2006). Severe Cutback of Stock Plant Influences Rooting in Shoot of *Quercus bicolor* and *Quercus macrocarpa*. *HortScience*, *41*(3), 491E-492. https://doi.org/10.21273/HORTSCI.41.3.491E.
32. **Amissah, N.,** & Bassuk, N. (2005). Severe cutback of stock plant influences rooting in shoots of *Quercus bicolor* and *Quercus macrocarpa*. In *Combined Proceedings-International Plant Propagators Society* (Vol. 55, p. 436). IPPS; 1998.
33. **Amissah, J. N.,** & Bassuk, N. L. (2004). Clonal propagation of *Quercus* spp. using a container layering technique. *Journal of Environmental Horticulture*, *22*(2), 80-84. https://doi.org/10.24266/0738-2898-22.2.80.
34. Timpo, G. M., **Amissah, J. N.,** Agodzo, S. K., & Gaveh, E. A. (2003). Performance Of Shallot (*Allium cepa* var. *ascalonicum*) Under Different Soil Media and Irrigation Regimes. *Ghana Journal of Horticulture*, *2*, 65-73.

Book Chapters

1. Ofori, P. A. , Owusu-Nketia, S., Opoku-Agyemang, F., Agbleke, D., & **Amissah, J. N.** (2022). Greenhouse Tomato Production for Sustainable Food and Nutrition Security in the Tropics. In P. Viskelis, D. Urbonavičienė, & J. Viskelis (Eds.), Tomato - From Cultivation to Processing Technology https://doi.org/10.5772/intechopen.105853 .
2. Opoku-Agyemang, F., Dodoo, J. N. O., Hlomador, T. E., Gilday, K., & **Amissah, J. N.** (2022). Conservation and Sustainable Use of *Cryptolepis sanguinolenta*. In *Herbs and Spices-New Advances*. IntechOpen. DOI: 10.5772/intechopen.108249.
3. Nyaku, S. T., & **Amissah, N.** (2019). Grafting: An Effective Strategy for Nematode Management in Tomato Genotypes. In: *Recent Advances in Tomato Breeding and Production*. IntechOpen. https://doi.org/10.5772/intechopen.82774