



LAWAL Omoniyi Isiaq is an Associate Professor in the Department of Plant Physiology and Crop Production, Federal University of Agriculture, Abeokuta (FUNAAB), Nigeria. His area of specialization is Agronomy/Crop Nutrition with research interests in Organic Agriculture as it relate to management of Soil fertility, Crop nutrient uptake and utilization efficiency under different fertilizer application, plant physiology, crop production technology, the yam minisett technology, plantation crop establishment and management.

He had his B.Sc. (Crop Science), M.Sc (Agronomy/Horticulture) and Ph.D degrees in 1997, 2000 and 2009, respectively from the University of Ibadan, Nigeria. He worked briefly as a research officer at the National Horticultural Research Institute 2005 - 2009. He worn the Visiting Research Fellowship (of the International Institute of Tropical Agriculture (IITA) Ibadan Nigeria) for Ph.D. degree; 2000 – 2009, a Visiting Research Scientist/Collaborating Scientist (IITA) Ibadan Nigeria (2009 till date) and a Collaborating Scientist with the National Horticultural Research Institute, 2009 till date. Other awards and scholarships to his credit include Asa Local Government Bursary Award for Secondary School Students and Kwara State Bursary Award for Students in Tertiary Institutions, Conference of All Muslim Organizations in Nigeria (CAMON) Scholarship award for Ph.D. students, 2003 -2006. He has a wide leadership experience in the professional and other associations where he belong and have been engaging in consultancy services involving soil fertility evaluation and land capability classification for crop production and establishment of arable and plantation crops since 1997. He has about 40 journal articles and 18 referred conference proceedings. He enjoys reading, travelling, visitation, playing table tennis and keeping abreast of happenings worldwide. He is happily married with prosperous children.

## PERSONAL INFORMATION

<b>i) Name in Full:</b>	LAWAL Omoniyi Isiaq
<b>ii) Date of Birth:</b>	January 5, 1968
<b>iii) Place of Birth:</b>	Ilorin
<b>iv) Age:</b>	55 years
<b>v) Sex:</b>	Male
<b>vi) Marital Status:</b>	Married
<b>vii) Nationality:</b>	Nigerian
<b>viii) Town and State of Origin:</b>	Abayawo, Kwara state.
<b>ix) Contact Address:</b>	Department of Plant Physiology and Crop Production, Federal University of Agriculture, Abeokuta, Ogun State.
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<b>xii) Rank</b>	Reader
<b>xiii) Designation</b>	<b>Senior Academics</b>

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62971b14a/?msgControlName=view\_message\_button&msgConversationId=2-

ZjYyNmJyZEtMGEzNy00NjY5LTk0NjltMmQ0NjhjMGlyZjI2XzAxMw%3D%3D&msgOverlay=true

### **Google Scholar Profile**

Website: [https://scholar.google.com/scholar?https://scholar.google.com/scholar?hi=en&as\\_sdt=0%2c5&q=Omoniyi+Isiaq+lawal&btnG=https://orcid.org/0000-002-2009-9744](https://scholar.google.com/scholar?https://scholar.google.com/scholar?hi=en&as_sdt=0%2c5&q=Omoniyi+Isiaq+lawal&btnG=https://orcid.org/0000-002-2009-9744)

**ORCID Number:** 0000-002-2009-9744

### **QUALIFICATION**

#### **ii) Academic and Professional Qualifications (with dates)**

- |  |      |
|--|------|
| a) Ph. D. Agronomy   | 2009 |
| b) M. Sc. Agronomy [Horticulture]  | 2000 |
| c) B. Sc. Agriculture [Crop Science Option]                              | 1997 |
| d) Interim Joint Matriculation Certificate [A' level G.C.E. Equivalent]. | 1990 |
| e) G. C. E 'O' Level Certificate.  | 1986 |
| f) W. A. S. C. 'O' Level Certificate.                                    | 1985 |

#### **MEMBERSHIP OF PROFESSIONAL BODIES**

- |  |              |
|--|--------------|
| i All Farmers Association, Oyo state branch  | 2020 to date |
| ii Moringa Association of Nigeria  | 2012 - 2017  |
| iii Africa Potato Association (APA) based in Kenya   | 2013 to date |
| iv Association of Organic Agriculture Practitioners in Nigeria (NOAN) <a href="http://www.noannigeria.net">www.noannigeria.net</a> | 2008 to date |
| v NOAN coordinated Nigeria-Go-Organic Project  | 2008 to date |
| vi International Association of Research Scholars and Fellows International Institute of Tropical Agriculture (IITA), Ibadan       | 2003 to date |
| vii Horticultural Society of Nigeria (HORTSON) <a href="http://www.hortson.org">www.hortson.org</a>                                | 2002 to date |
| viii Agricultural Society of Nigeria (ASN).  | 2002 to date |
| ix Soil Science Society of Nigeria (SSSN). <a href="http://www.sssnnigeria.org">www.sssnnigeria.org</a>                            | 1999 to date |

## RESEARCH CONDUCTED

### a. Completed:

- |      |   |             |
|------|---|-------------|
| i    | Performance evaluation of orange flesh sweet potato ( <i>Ipomea batatas</i> L.) varieties for adoption and acceptability by farmers and consumers in the Savanna transition ecological zone of Nigeria  | 2015 -2020  |
| ii   | Evaluation of Compatibility of some exotic potato and sweet potato varieties in the cropping systems of Southwest Nigeria   | 2012-2016   |
| iii  | Evaluation of Roselle ( <i>Hibiscus sabdariffa</i> L.) Cultivars as affected by different sources and rates of fertilizers in the Savanna Transition Ecological zone of Nigeria   | 2014 -2015  |
| iv   | Mitigating the impact of pastoral grazing on the natural ecosystem and rural livelihoods in Yewa Division of Ogun state   | 2013-2014   |
| v    | IFSERAR/FUNAAB Research grant for projects titled: Comparative Effects of Organic Soil Amendments Types and Rates on Growth, Yield and Grain Composition of Ofada Rice.   | 2012 - 2014 |
| vi   | Agricultural Research Council of Nigeria (ARCN) Competitive Agricultural Research Grant Scheme (CARGS) on : Project titled: Sweet potato germ plasm technologies: Assemblage, assessment and multi-site banking. Led by Prof. M.O. Akoroda, Department of Agronomy, University of Ibadan. | 2011 - 2014 |
| vii  | Agricultural Research Council of Nigeria (ARCN) Competitive Agricultural Research Grant Scheme (CARGS) on: Project titled: Rice moisture stress mycorrhiza benefit for double cropping.   | 2010 - 2013 |
| viii | IFSERAR/FUNAAB Research grant for two Projects entitled:<br>a) Performance of white yam ( <i>Dioscorea rotundata</i> Poir.) cultivar as influenced by sweet potato intercrop and organic fertilizer in the forest/savannah transitional zone of Nigeria.                                  | 2011        |
| ix   | b) Performance of improved maize cultivars as influenced by composted sweet potato intercrop in the forest/savannah transitional zone of Nigeria  | 2011        |
| x    | Evaluation of performance of Citrus in an Organic-based   | 2006 - 2013 |

production system in NIHORT, Ibadan.

**b. In Progress**

- i. Researcher-managed: Multi-locational Evaluation of Agronomic Efficiency of Thirty accessions of Africa Yam-bean (*Sphenostylis stenocarpa*) and Bambara groundnut (*Vigna subterranean*) as affected by genotype and location in Abeokuta and Ogbomoso Southwest Nigeria- (IITA Collaborative Research 2021). 2021 to date
- ii. Researcher-managed: Multi-locational Evaluation of Agronomic and Nutrient Uptake Efficiency of Selected Yams (*Dioscorea spp*) varieties as affected by different rate of manure in Abeokuta and Ibadan Southwest Nigeria - (A FUNAAB/IITA Collaborative Research 2018). 2018 - 2022

**MAJOR CONFERENCES/WORKSHOPS ATTENDED WITH PAPERS READ**

1. The 11<sup>th</sup> Triennial Conference of African Potato Association Conference, Marihot Hotel Kigali, August 25-29, 2019. Relative agronomic and yield efficiency of sweet potato (*Ipomea batatas* L.) grown with different rates of compost in Abeokuta Southwest Nigeria.
2. The 3<sup>rd</sup> All African Horticultural Congress 4-11 August 2016. Growth and calyx yield of Roselle (*Hibiscus sabdariffa* L.) varieties under different fertilizer rate in South west Nigeria
3. The Third West African Organic Conference 27-29 August 2014. Organic yam production practices in Abeokuta, Southwestern Nigeria and Tuber yield and yield components of organically grown sweet potato (*Ipomea batatas* L.) production in Abeokuta South western Nigeria.
4. The 3<sup>rd</sup> Technical Workshop of the Nigeria Organic Agriculture Network 12-16 March. 2014: Performance of white yam (*Dioscorea rotundata* Poir.) cultivars in yam/sweetpotato intercrop in Ogun state, Nigeria.
5. The 10<sup>th</sup> Annual Conference of Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN), 2014. Relative Agronomic Performance of Organically grown Sweet potato (*Ipomea batatas* L.) cultivars in yam/sweet potato intercrop in Abeokuta Nigeria
6. First Global Conference on Yam tagged 'Ghana 2013' 3-7 October, 2013. Yield and Micronutrient uptake of white yam (*Dioscorea rotundata* L. Poir) as influence by organomineral fertilizer amendment on an alfisol in Ibadan South western Nigeria

7. The 9<sup>th</sup> Triennial Conference of African Potato Association Conference Neivasha Kenya, May 2-5, 2013. Nutrient uptake and tuber yield of exotic sweet potato cultivars under organic soil management system in Abeokuta South western Nigeria.
8. The 9<sup>th</sup> Annual Conference of Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN), 2013. Relative Yield Performance of Organically grown white yam (*Dioscorea rotundata* Poir.) cultivars in yam/sweet potato intercrop in Abeokuta Nigeria
9. The 2nd African Organic Conference, Lusaka, Zambia, 2-4 May, 2012. Growth and yield response of sweetpotato (*Ipomea batatas* L.) to organic-based fertilizer in Abeokuta Southwestern Nigeria.
10. The 2<sup>nd</sup> Technical Workshop of the Nigeria Organic Agriculture Network 12-16 Sept. 2011: Performance of white yam (*Dioscorea rotundata* Poir.) cultivars in yam/sweetpotato intercrop in Ogun state, Nigeria. Pp. 7-12.
11. The First Technical Workshop on Organic Agriculture 6-8 September, 2010 'LAUTECH 2010': Fruit yield and losses in Organic based Citrus Orchard. Pp. 72-75.
12. The 27<sup>th</sup> Annual Conference of the Horticultural Society of Nigeria 2009: Effects of Organo-mineral fertilizers and farm sanitation on yield and fruit losses in citrus orchard. pp. 197-200.
13. The 26<sup>th</sup> Annual Conference of the Horticultural Society of Nigeria held at Adamawa state University, Mubi, Nigeria; 26-28 October 2008: Response of Citrus roostocks (Cleopatra mandarin and Roughlemon) varieties to different sources of fertilizer in the screen house. Pp. 151- 154.
14. The 25<sup>th</sup> Annual Conference of the Horticultural Society of Nigeria, held at the National Horticultural Research Institute, Ibadan Nigeria 2007. Growth response of Cleopatra mandarin (*Citrus reticulata* Blanco) rootstock seedlings to nitrogen fertilizer in the nursery. Pp.56-60.
15. GGE Biplot Analysis and Genotype-by Environment Interactions Workshop. Organized by IITA, Ibadan, Nigeria. 17<sup>th</sup> and 18<sup>th</sup> May 2006.
16. The 2<sup>nd</sup> National Conference on Organic Agriculture, held at the Faculty of Agriculture and Forestry, Univ. of Ibadan, Nigeria: Organo-mineral fertilizer effects on growth and yield of white yam (*Dioscorea rotundata* Poir.) on an alfisol in South western Nigeria 27<sup>th</sup> Nov. to 1<sup>st</sup> December, 2006. pp. 109-113.
17. The 23<sup>rd</sup> Annual Conference of the Horticultural Society of Nigeria, held at the National Horticultural Research Institute, Ibadan. May 14-17 2002. Effects of different levels of poultry manure and inorganic fertilizers on performance of *Celocia argentia*. Pp. 50-53.

## 09. PUBLICATIONS

a) **Desertations/Thesis**

1. **Lawal, O. I. 1997.** Comparative yield analysis of some selected short-day onion (*Allium cepa* L.) cultivars. B. Sc. Project 1997, Department of Agronomy, University of Ibadan, Nigeria. 71pp.
2. **Lawal, O. I. 1999.** Use of Auxin to promote rooting sprouting and early growth of *Entorolobium cyclocarpum* cuttings. M. Sc. thesis in the Department of Agronomy, University of Ibadan, Nigeria. 87pp.
3. **Lawal, O. I. 2009.** Response of white yam to different levels of fertilizers in two soil-types in Southwestern Nigeria. A Ph.D. thesis in the Department of Agronomy, University of Ibadan, Nigeria. 210pp.

b) **Articles in Learned Journals**

i) **Journal Articles in print**

1. Babatola, L. A., Ojo, D.O., Ojeniyi, S. O. and **Lawal, O. I.** (2002). Comparative efficiency of some storage structures on local leaf vegetables. *Nigerian Journal of Horticultural Science*. 8: 25-27. Published by: Horticultural Society of Nigeria. [www.hortson.org](http://www.hortson.org). ISSN: 1118-2733
2. Olaniyan, A. A., **Lawal, O. I.** and Ibe, R. B. (2007). Influence of Tangelo (*Citrus reticulata X Citrus paradisi*) varieties and population density on Scion growth in the nursery. *Moor Journal of Agricultural Research*. 8 (1) pp. 26-32. Published by: Institute of Agricultural Research and Training, Ibadan Nigeria. ISSN: 1116-753X
3. **Lawal, O. I.**, Okafor, B.N. and Olaniyan, A. A. (2009). Growth and nutrient uptake of Citrus rootstock varieties as affected by poultry manure and NPK fertilizer in Ibadan, Southwestern Nigeria. *Nigerian Journal of Horticultural Science*.14:30-37. Published by: Horticultural Society of Nigeria. [www.hortson.org](http://www.hortson.org). ISSN: 118-2733.
4. **Lawal, O. I.**, Olaniyan, A. A. and Okafor, B. N. (2009). Nutrient Uptake and Fruit Yield of Sweet Orange as affected by Poultry Manure and NPK Fertilizers application in Ibadan, Nigeria. *Journal of Applied Agricultural Research*. 1: 113-117. Published by: Agricultural Research Council of Nigeria. [www.arcn.gov.ng](http://www.arcn.gov.ng). ISSN: 2006-750X
5. **Lawal O. I.**, Adeoye, G. O., Asiedu, R. and Ojeniyi, S. O. (2010). Organo-mineral fertilizer effects on yield and nutrient uptake of white yam (*Dioscorea rotundata* Poir.) in Ibadan Southwest Nigeria. *Nigerian Journal of Soil Science*. 20 (2): 35-46. Published by: Soil Science Society of Nigeria. [www.sssn.org](http://www.sssn.org). ISSN: 1957-4488
6. **Lawal O. I.**, Olaniyan, A. A., Okafor, B. N., Chikaleke, V. A. and Odofin, J. O. (2011). Growth and yield of Sweet orange (*Citrus sinenses* (L) Osbeck (Var. Agege 1) as influenced by organic-based fertilizer treatment on an alfisol in Ibadan. *Nigerian Journal of Soil Science* 21 (1): 70-74. Published by: Soil Science Society of Nigeria. ISSN: 1118-2733.

7. Hammed L. A., Olaiya, A. O., **Lawal, O. I.**, Idowu, O. T. H. and Aiyelaagbe, I. O. O. (2012). Effect of some bean characters on germination and seedling growth of cocoa (*Theobroma cacao* L.) *Nigerian Journal of Horticultural Science*, 17:126-134. Published by: Horticultural Society of Nigeria. ISSN: 1597-4488
8. Olaiya, A.O., Atayese, M.O. and **Lawal, I. O.** (2012). Effect of spacing and intercropping on the rate of infestation of parasitic weed on Cocoa Plantation. *Nigerian Journal of Horticultural Science*, 17:188-192. Published by: Horticultural Society of Nigeria. ISSN:1118-2733
9. **Lawal, O. I.**, Adebayo, A.G., Shokalu, A. O., Sakariyawo, O. S. Aderibigbe, S. G. and A. A. Soretire (2012). Growth and Nutrient Uptake of Okra (*Abelmoschus esculentus* L. Moench) as influenced by compost mixes on an alfisol in Ibadan Southwestern Nigeria. *Nigerian Journal of Soil Science*. 22 (2) 2012: 155-162. Published by: Soil Science Society of Nigeria. [www.sssn.org](http://www.sssn.org): ISSN: 1597-4488
10. Atayese, M. O., **Lawal, O. I.**, Afuwape, S. O., Olowokere, F. A., Sakariyawo, O. S., Olaiya, A. O., Fetuga, G. O. and Idowu, T. H. (2013). Evaluation of Growth and Yield response of Sweetpotato (*Ipomea batatas* L.) to different rates of poultry manure in Abeokuta South-western Nigeria. *African Journal of Root and Tuber Crops* 10 (1):15-20. Published by: International Society for Tropical Root and Tuber Crops. [www.iita.org](http://www.iita.org).
11. Alamu, O. O., Olaniyan, A. A., Egberongbe, K. R., Bala, M. G., Amih, C. A. and **Lawal, O. I.** (2012). Effect of different weed control methods on the growth of Sweet grape scion budded on *Cleopatra mandarin* rootstock in the nursery. *Nigerian Journal of Horticultural Science* 17:1-6. Published by: Horticultural Society of Nigeria. [www.hortson.org](http://www.hortson.org). ISSN:1118-2733
12. Alamu, O. O., Olaniyan, A. A., Egberongbe, K. R. and **Lawal, O. I.** (2013). Weed dynamics in a citrus orchard after two years of Soil fertility management. *Nigerian Journal of Weed Science*, 26: 35-42. Published by: Weed Science Society of Nigeria. [www.wssn.org](http://www.wssn.org). ISSN: 0794-4950.
13. **Lawal, O. I.**, Adeoye, G. O., Asiedu, R., Ojeniyi, S. O. and Atayese, M. O. (2014). Yield and nutrient uptake of White yam (*Dioscorea rotundata* Poir.) as affected by organo-mineral fertilizer in Ikenne Southwestern Nigeria. *International Journal of Organic Agriculture Research & Development*. 10: 51-56. Published by: Nigerian Organic Agriculture Network (NOAN). [www.noannigeria.net](http://www.noannigeria.net).
14. Sakariyawo, O. S., Aderibigbe S. G., Soretire, A. A., Oyekanmi, A. A, Soremi, P. A. S., Okonji, C. J. and **Lawal, O. I.** (2014). Growth and yield response of okra (*Abelmoschus esculentus* (L.) Moench) to sources and rates of commercially produced organic fertilizer in the Rainforest transitory zone of Nigeria. *Journal of Applied Agricultural Research* 6 (1): 265-273. Published by: Agricultural Research Council of Nigeria, 2014. [www.arcn.org](http://www.arcn.org) ISSN: 2006-750X.

15. Olowokere, F. A., Adesodun, J. K., **Lawal, O. I.**, Omoayena, E. J., Ilori, V. O., Adeniji, O. T., Iadia, D. and Irahman, K. (2014). Soil Chemical properties and nutrient uptake of Okra (*Abelmoschus esculentus* L. Moench) as affected by sole and combined application of poultry manure and cow dung. *Nigerian Journal of Ecology* 13: 1-11. Published by: Ecological Society of Nigeria. ISSN: 1116-753X
16. Osipitan, A. A., Victoria, T. S., **Lawal, O. I.**, and Kehinde, O. P. (2015). Correlation of chemical compositions of cassava varieties to their resistance to *Prostephanus truncatus* Horn (Coleoptera: Bostrichidae). *Journal of Insect Science* 15 (13):1-7. Published by: Oxford University Press London. Available online: <http://doi.org/10.1093/jisesa/ieu173>
17. Olowoake, A. A. and **Lawal, O. I.** (2016). Effect of organomineral and NPK fertilizer application on growth and yield of grain amaranth (*Amaranthus cruentus* L.). *Tropical Agriculture* (Trinidad) 93(2): 139-146. Published by: University of West Indies. Indexed in Scimago
18. Hamzat, O.T.H., **Lawal, O. I.** and Ogunronbi, A. (2016). Efficacy of some fungicides in the control of fungal stalk rot of maize (*Zea mays*) caused by *Fusarium moniliforme* and *Macrophomina phaseolina*. *Nigerian Journal of Mycology*, 8, 66-77. Publisher: the Mycological Society of Nigeria. [www.njm.org](http://www.njm.org)
19. Busari, M. A., **Lawal, O. I.**, Olanite, J. A., Ologunde, O. H. and Popoola, D. T. (2018). Cattle trampling in Yewa North area of Ogun state: Implication on soil and crop productivity. *Nigeria Journal of Soil Science* 28 (1): 183-192. Published by: Soil Science Society of Nigeria. [www.sssn.org](http://www.sssn.org). ISSN: 1597-4488.
20. Olaniyan, A. A., Okafor B. N., **Lawal, O. I.** and Amih, C. A. (2018). Influence of Rates and Frequency of Application of Urea on Nutrient Uptake of Citrus Seedlings on a Sandy Loam Soil. *Nigerian Journal of Horticultural Science* 24: 22-28. Published by: Horticultural Society of Nigeria. [www.hortson.org](http://www.hortson.org). ISSN:1118-2733
21. Olaiya, A. O. and **Lawal, O. I.** (2019). Field evaluation of Cucumber (*Cucumis sativus* L.) varieties productivity with compound and single P fertilizer application in Forest savanna transition ecology of Nigeria. *Nigerian Journal of Horticultural Science* 24 (1) 28-36. Published by Horticultural Society of Nigeria. Publisher: Horticultural Society of Nigeria. [www.hortson.org](http://www.hortson.org). ISSN: 1118-2733
22. Olaiya, A. O. and **Lawal, O. I.** (2019). Effect of organic fertilizer on cocoa hybrid seedlings. *Journal of Sustainable Development*. 17(1&2) 63-67. September 2019. Published by: SLIDEN-Africa
23. Afolabi C.G., Ogunsanya, O. M. and **Lawal, O. I.** (2019). Evaluation of some African yam bean (*Sphenostylis stenocarpa* [Hochst. Ex A. Rich]) accessions for resistance to flower bud and pod rot diseases. *Current Plant Biology* 20:1-5. Published by: Elsevier B.V. New Zealand. Available online: <http://creativecommons.org>. Indexed in Scopus.



24. Sakariyawo, O.S., Mogaji, A.A., Adeyemi, N. O., Atayese, M.O., and **Lawal O. I.** (2019). Performance of maize (*Zea mays* L.) cultivars and community structure of Arbuscula Mycorrhizal Fungi in response to tillage and soil amendment in a derived Savanna. *Acta fytotechnica et zootechnica* 22 (4): 114-123. <http://www.acta.fapz.uniag.sk>. Publisher: Slovak University of Agriculture in Nitra. Indexed in Scopus
25. Adebowale, T. J., Osipitan, A. A., Pitan, O. R., **Lawal, O. I.**, Joda, A. O., Fijabi, C. O. and Ewedairo. B. I. (2019). Resistance of some Hybrid Maize (*Zea mays* L. (Motsch.) (Coleoptera: Curculionidae) and Larder Grain Borer, *Prostephanus truncates* (Horn.) (Coleoptera: Bostrichidae). *Nigerian Journal of Entomology*. 35: 45-59, 2019. Published by: The Entomological Society of Nigeria. [www.esnjournal.com.ng](http://www.esnjournal.com.ng). DOI.10.36108 NJE 9102.53.01.50.
26. Moruf, A. A., Tolulope, O. K., Tunmise, E. O. and **Lawal, O. I.** (2019). Longevity and vigour of pigeon pea (*Cajanus cajan* (L.) Millsp.) seeds stored under humid tropical ambient conditions. *Acta Agriculturae Slovenica* 114 (2), 191-203, Ljubljana. DOI:10.14720/aas.2019.114.2.5. Published by: Biotechnical Faculty of the University of Ljubljana, Slovenia. Indexed in Scopus
27. Isiaka, K., Faseyi, A. F., Saliu, A. K., Abdulmalik, S. Y., Adekola, O.F., Abdulkareem, K.A., Olayinka, B. U., AbdulAziz, A., Alasinrin, S. Y., Hakeem, A. K., Usman, M., Lawal, M.T., Ahmed, O., **Lawal, O. I.**, Bello, W. B., Salami, T. B., Ayeleke, D. A., Azeez, K. O., Olaniyan, J. O., Affinnih, K. O., Olalekan, K. K. (2020). NPK partitioning, growth, yield and proximate composition of okra (*Abelmoschus esculentus*) under water deficit stress, *Bulgarian Journal of Soil Science Agrochemistry and Ecology*, 54 (4): 3-24. Published by: Agricultural Academy of Bulgaria. ISSN: 1310-0351 (Print); ISSN: 2534-083X (Online). <https://www.agrojournal.org/index.html>. Indexed in Scopus
28. Isiaka, K., Saliu, A. K., Abdulmalik, S. Y., Adekola, O. F., Abdulkareem, K. A., Olayinka, B. U., AbdulAziz, A., Alasinrin, S. Y., Hakeem, A. K., Usman M., Lawal, M. T., Ahmed, O., **Lawal, O. I.**, Bello, W. B., Salami, T. B., Ayeleke, D. A., Azeez, K. O., Olaniyan, J. O., Affinnih, K. O., Olalekan, K. K. (2020). Optimization of priming duration for rice production under drought stress. *Bulgarian Journal of Soil Science Agrochemistry and Ecology*, 54 (4): 25-42. Published by: Agricultural Academy of Bulgaria. ISSN: 1310-0351 (Print); ISSN: 2534-083X (Online). <https://www.agrojournal.org/index.html>. Indexed in Scopus
29. Kareem. I., Ismail. M.R., Puteh. A.B., Rabileh. M.A., Belewu. M.A., Kareem. S.A., Adekola. O.F., Alasinrin. S.Y., Abdulmalik. S.Y., Abdulkareem. K. A , Olayinka. B.U., Ayinla. A., Lawal. M.T., Fabiyi. O.A, Ahmed. O and **Lawal. O. I.** (2020). Crop improvement: a seed priming approach. *Amazonian Journal of Plant Research* 4 (3): 609-631. 2020. Published by Amazonian Journal of Plant Research. <http://www.ajpr.online-Amaz> Indexed in Scopus
30. Igwe K. C., Osipitan, A. A., Afolabi, C. G. and **Lawal, O. I.** (2021): Assessment of insect pests of sweet potato (*Ipomoea batatas* L.) and control with botanicals, *International*

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