

**PROFILE OF ACADEMIC STAFF**  
**PROFESSOR AKINOLA RASHEED POPOOLA**  
**DEPARTMENT OF CROP PROTECTION**  
**COLLEGE OF PLANT SCIENCE AND CROP PRODUCTION**  
**FEDERAL UNIVERSITY OF AGRICULTURE, ABEOKUTA**

**i. Brief Biography**

Popoola is a professor of plant pathology with B.Sc., M.Sc. (Biochemistry) and Ph.D Applied Microbiology and Plant Pathology. Professor Popoola had graduated 2 Ph.D., fifteen M. Agric. and three PG Diploma holders.

Prof. Popoola's current research interests are marker-assisted selection of plant germplasms for desirable traits, somaclonal and genetic engineering for crop improvement, and formulation, production and application of biopesticides and nanopesticides for crop improvement.

Prof. Popoola was the Principal Investigator in a United Kingdom's DfID-funded research project on agro-biotechnology involving FUNAAB and KNUST, Ghana. He was also the Principal Investigator in Agricultural Research Council of Nigeria, ARCN/CARGS-funded project on sequencing and cloning *Fusarium* wilt-resistant gene for transgenic tomato production in Nigeria in collaboration with Biotechnology Advance Laboratory, Abuja and Napoli University, Italy. He led two TETFUND's Institution-Based Research Projects between 2015 and 2020. Prof. Popoola's component part of the World Bank/STEP-B funded project produced the Plant Tissue Culture Laboratory in the College. He also has a greenhouse within the College constructed from his funded research activities.

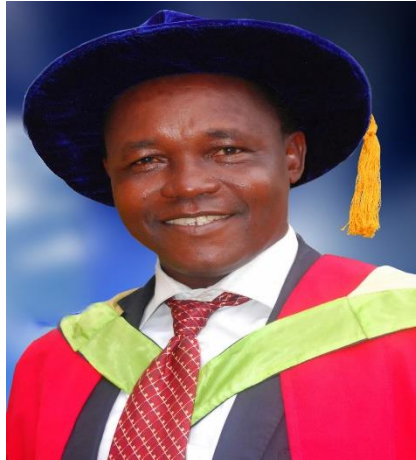
Prof. Popoola was a two-term Head of Department, Crop Protection and a former Deputy Dean of the College of Plant Science and Crop Production. He was the Director, Biotechnology Centre, FUNAAB from 2019 to 2022.

Within the professional circle, Prof. Popoola was an Executive Member of the Biotechnology Society of Nigeria and a one-time Editor-in-Chief of the Society's official journal, the Nigerian Journal of Biotechnology.

Prof. Popoola authored 77 journal articles, two chapters in books, seven papers in edited conference proceedings and one technical report, making a total of 87 publications till date.

Prof. Popoola is married with children.

**ii. Passport-sized Photography**



**iii. Personal Information**

- a) Name: Popoola, Akinola Rasheed
- b) Title: Professor
- c) Date of Birth: November 25, 1960
- d) Sex: Male
- e) State (if Nigeria): Oyo
- f) Home Town: Ibadan
- g) Religion and Denomination: Christianity/Deeper Christian Life Ministry
- h) Residential: 6, Peace Villa, Fatola Estate, Apakila, Camp, Abeokuta.
- i) Area of Specialization: Plant Pathology and Biotechnology

**iv. Department**

Department of Crop Protection, Federal University of Agriculture, Abeokuta

**v. E-mail Address:**

[popoolaar@funaab.edu.ng](mailto:popoolaar@funaab.edu.ng); [akaypopsy1960@gmail.com](mailto:akaypopsy1960@gmail.com)

**vi. Phone Numbers**

08030629408; 08150946853

**vii. Rank**

Professor

**viii. Designation**

Professor of Plant Pathology

**ix. Researchgate Address:** <https://www.researchgate.net/profile/Akinola-Popoola-3>

x. **LinkedIn Address:**

xi. **Google Scholar Profile :** <https://scholar.google.com/citations?user=dxl4f5YAAAAJ&hl=en>

xii. **ORCID Number :** <https://orcid.org/0000-0002-3633-9204>

xiii. **Qualification**

a. Certificate in Theology	2016
b. Ph.D Applied Microbiology & Plant Pathology	2001
c. M.Sc. Nutritional Biochemistry	1985
d. B.Sc. Biochemistry (Second Class Upper)	1982
e. General Certificate of Education, O/L	1978

xiv. **Membership of Professional Bodies**

- a. Nutrition Society of Nigeria
- b. Biotechnology Society of Nigeria (Membership No. 155)
- c. Nigerian Society for Plant Protection (Membership No. 0357)
- d. Horticultural Society of Nigeria
- e. Ghana Institute of Horticulture
- f. International Society for Horticultural Sciences (Membership Ref. No: 85734)
- g. West African Research Council
- h. Agricultural Society of Nigeria
- i. International Society of Plant Pathology
- j. African Crop Science Society
- k. American Phytopathological Society (Member ID: 212365)

xv. **Award Received**

a. Principal Investigator (PI), TETFUND IBR Research Grant	2017
b. Principal Investigator (PI), TETFUND IBR Research Grant	2015
c. Principal Investigator (PI), UK's DfID Grant	2010
d. Principal Investigator (PI), ARCN-CARGS Res. Grant	2010
e. Component Investigator, World Bank/STEP-B Project	2010
f. Conference Attendance Grant by International Society for Plant Protection, ISPP, for China Conference in August 2013	2013

- g. TETFUND International Conference Attendance Grant 2012
- h. West African Research Assoc., WARA, Travel Grant 2011
- i. International Centre for Genetic Engineering and Biotechnology, ICGEB, Travel Grant, Ghana. 2010
- j. ICGEB Workshop Nominee, Kenya 2010
- k. IITA/USAID/NABP Visiting Fellowship, IITA Ibadan 2006
- l. Generation Challenge Programme Travel Grant. 2006
- m. Mashav Fellowship on IPM, Israel Foreign Ministry. 2004
- n. Oduduwa Descendants Postgraduate Fellowship, UI, Ibadan. 1985
- o. University Scholarship, Obafemi Awolowo Univ., Ile-Ife 1981
- p. Fed. Govt. Academic Merit Award for Undergraduates 1980
- q. Western State Merit Award for Secondary School Students 1976

**xvi. Research Conducted**

**a. Completed**

- (i) Field cultivation of iodine-enriched tomato as an alternative to iodized salt in a hypertensive society. TETFUND 2019 IBR SUPPORTED
- (ii) Experimentation with Titanium dioxide in the control of foliar and root diseases of cowpea and maize. A collaborative work with I.A.R & T, Ibadan.
- (iii) Marker-assisted selection of DfID-ARCN-FUNAAB tomato fruits for longer shelf life. In collaboration with three Departments - PBST, FST and AEFM – SPONSORED BY TETFUND INSTITUTIONAL RESEARCH INTERVENTION
- (iv) Dynamic response to the menace of *Tuta absoluta* by modeling a parasitic mathematical diagnosis using North-Western Nigeria as a case study. A collaborative study with researchers from the Federal University, Gusau, Zamfara State.
- (v) Evaluation and marker-assisted selection of DfID-ARCN-FUNAAB HYBRID TOMATO LINES for wilt tolerance, higher yield and longevity in Abeokuta. TETFUND IBR RESEARCH GRANT 2016
- (vi) Regeneration of somaclonal variants of tomato for resistance to *Fusarium* wilt – Sponsored by Agricultural Research Council of Nigeria, ARCN/CARGS. 2015
- (vii) Germination and *in-vitro* regeneration response of local Nigerian tomato cultivar using different explants sources. – SPONSORED BY ARCN/CARGS 2014
- (viii) Marker-assisted breeding for resistance to wilt in tomatoes. A collaborative work with PBST Dept. (Prof. D.K. Ojo), NIHORT (Mr. V. Chikaleke), Ekiti State ADP (Sir Yemi Falana), Ogun State ADP (Mr. Adeleye). SPONSORED BY UK'S DfID. 2013
- (ix) Molecular detection of *I2* wilt-resistance gene in Nigerian accessions of tomato. In collaboration with Napoli University, Italy. JOINTLY SPONSORED BY ARCN AND UK'S DFID.

Collaborators: PBST Dept. (Prof. D.K. Ojo), NIHORT (Mr. V. Chikaleke), Ekiti State ADP (Sir Yemi Falana), Ogun State ADP (Mr. Adeleye). SPONSORED BY UK'S DfID. 2013

(x) *In-vitro* screening of yam plantlets for resistance to yam anthracnose disease. – SPONSORED BY STEP-B/INNOVATORS OF TOMORROW (IOT) 2012

(xi) Inducing somatic embryogenesis in local cultivars of cowpea for genetic transformation and disease resistance. SPONSORED BY STEP-B/INNOVATORS OF TOMORROW (IOT) 2012

(xii) Integrated control of bacterial wilt and root knot nematode for improved tomato yield in southwestern Nigeria. – SPONSORED BY IFSERAR 2010

**b. In Progress**

(i) Formulation, production and application of nanopesticides and nanofertilizers for improved crop production

(ii) Formulation and evaluation of eco-friendly biopesticides for use in crop protection

**xvii. Conferences Attended**

- a. Odebode, B. M., **Popoola, A. R.**, Ganiyu, S. A., Ademefun, A. I. and Oke, M. O. (2023). Comparative evaluation of copper sulphate and silver nanoparticles on post-incidence management of black sigatoka disease and growth of plantains (*Musa* spp.). First Annual Conference of College of Plant Science and Crop Production, FUNAAB, Abeokuta. July 30 – August 1, 2023.
- b. Olanrewaju, R., **Popoola, A. R.**, Afolabi, C. G. and Oke, M. O. (2022). Management of fungal wilt of tomato using nanoparticles of silver. Annual Conference of the Nigerian Society of Plant Protection, FUNAAB, Abeokuta. March 28 – 31, 2022.
- c. Adedibu, O. B., **Popoola, A. R.**, Afolabi, C. G. and Bodunde, J. G. (2021). Management of bacterial wilt of tomato using cultural methods and plant resistance activators. Annual Conference of the Biotechnology Society of Nigeria, South-West Chapter, I A R & T, Moor Plantation, Ibadan. June 2 – 4, 2021.
- d. **Popoola, A. R.**, Bodunde, J. G., Adigun, J. A., Oduwaye, O. A., Oladoyinbo, C. A., Olowokere, F. A., Adekunle, C. P. and Oke, M. O. (2021). Biofortification of tomato with iodine: the effect on iodine uptake and yield of tomato. Annual Conference of the Nigerian Society for Plant Protection, Federal University of Technology, Owerri. March 2021.
- e. **Popoola, A. R.**, Ganiyu, S. A., Ojo, D. K., Osipitan, A. A., Olatunde, O. G., Kehinde, T. O., Arowolo, A. O., Chikaleke, A. V. and Oyelakin, O. O. (2018). CAPS Marker *TAO1* and Endonuclease *FOK1* in the Selection of Tomato Genotypes with Homozygous *IZ* Resistance Gene to Fusarium Wilt. Presented at the 31st Annual International Conference

of the Biotechnology Society of Nigeria, held at the Covenant University, Ota. 5-9 August, 2018

- f. Ganiyu, S. A., **Popoola, A. R.**, Enikuomihin, O. A., Bodunde, J. G., Gurama, A. U. And Adedibu, B O. (2017). Assessment of resistance status of local and exotic tomato genotypes to bacterial wilt disease. Presented at the 42nd Annual Conference of the Nigerian Society for Plant Protection, held at the Federal University of Agriculture, Makurdi. 12 – 16 March, 2017
- g. Odubanwo, B. O., **Popoola, A. R.**, Enikuomihin, O. A and Aiyelaagbe, I. O. O. (2016). Induced resistance to *Fusarium* wilt in tomato by plant defence activator, acibenzolar-s-methyl. Presented at the Botanical Society of Nigeria Conference. Venue: UI Conference Centre, UI, Ibadan. August, 2016
- h. **Popoola, A. R.** , Karunwi, T., Ganiyu, S. A. & Adedibu, O. B. (2014). Race and biovar characterization of *Ralstonia solanacearum* causing bacterial wilt of tomato in Nigeria. Presented at the 39<sup>th</sup> Annual Conference of the Nigerian Society for Plant Protection. Venue: Ladoko Akintola University of Technology, Ogbomoso, Oyo State. March 24 – 27, 2014.
- i. Durosomo, A. H. **Popoola, A. R.**, Afolabi, C. G. & Idehen, E. O. (2014). Regeneration of somaclonal variants of tomato for resistance to *Fusarium* wilt. Presented at the 39<sup>th</sup> Annual Conference of the Nigerian Society for Plant Protection. Venue: Ladoko Akintola University of Technology, Ogbomoso, Oyo State. March 24 – 27, 2014.
- j. **Popoola, A. R.** , M.R. Ercolano, F. Ferriello, P.D. Kaledzi, S.A. Ganiyu, O.F. Owolade, I.A. Kehinde, A.A. Fajinmi, C.G. Afolabi, H.K. Dapaah, D.K. Ojo, D.A. Adegbite, Y. Falana & O.B. Adedibu. (2013) CAPS markers TAO1 and TG105 in the identification of *I2* resistant gene in Nigerian accessions of tomato, *Lycopersicon esculentum* Mill. Presented at the 11<sup>th</sup> African Crop Science Society Conference, Imperial Beach Hotel, Entebbe, Uganda. 13 – 18 October, 2013.
- k. **Popoola, A.R.**, Adetola, O.K., Awotide, O.G., Owolade, O.F., Afolabi, C.G., Ganiyu, S.A., Idowu, O.T.H., Fajinmi, A.A. & Kehinde, I.A. (2012). Resistance to anthracnose (*Colletotrichum gloeosporioides*) in tissue-cultured white guinea yam (*Dioscorea rotundata*). Presented at the 46<sup>th</sup> Annual Conference of the Agricultural Society of Nigeria held at Faculty of Agriculture, Bayero University, Kano, Nigeria. 5 – 9 November, 2012.

- l. Aluko, T.C., **Popoola, A.R.**, Afolabi, C. G. & Uzochukwu, S.V.A. (2012). Rapid *in vitro* determination of resistance status of Nigerian local cowpea varieties to artificially-inoculated fungal wilt pathogens – *Fusarium oxysporum* f.sp. *tracheiphilum*. Presented at the 25<sup>th</sup> Annual International Conference of Biotechnology Society of Nigeria held at the National Open University of Nigeria, Abuja. 26 – 31 August, 2012
  
- m. Adedibu, O.B & **Popoola, A. R (2012)**. Rapid assessment of resistance to anthracnose in tissue-cultured water yam (*Dioscorea alata*) and white guinea yam(*Dioscorea rotundata*) using three disease assessment methods. Presented at the 37 Annual Conference of Nigerian Society for Plant Protection held at the Federal University of Agriculture, Abeokuta, Nigeria. 6 – 10 May, 2012.
  
- n. **Popoola, A. R.**, Ercolano, M.R., Kaledzi, P.D., Ferriello, F., Ganiyu, S.A., Dapaah, H.K., Ojo, D. K., Adegbite, D. A., Falana, Y., & O.B. Adedibu (2011). Molecular and phenotypic screening of tomato genotypes for resistance to Fusarium wilt. A paper presented at the 12th AGM and Scientific Conference of Ghana Institute of Horticulturists (GhIH) held at CSIR-Crops Research Institute, Fumesua, Kumasi, Ghana. 14 – 16 September, 2011
  
- o. **Popoola, A. R.**, Ganiyu, S. A., Babalola, O.A. & Ayo-John, E. I. (2011). Effect of tillage methods, varieties and compost amendment on bacterial leaf spot, leaf speck and fruit yield of two tomato varieties. Presented at the 36<sup>th</sup> Annual Conference of Nigerian Society for Plant Protection held at the Federal University of Technology, Akure. September 2011
  
- p. **Popoola, A. R.**, Uzochukwu, S. & Aluko, T. C. (2008). Tissue-cultured selection for resistance to bacterial blight in cowpea germplasm. Presented at the 21 Annual Conference of Biotechnology Society of Nigeria (BSN) held at the University of Agriculture, Abeokuta. 16 – 19 July, 2008

### xviii. Publications

#### (a) Project, Dissertation and Thesis

1. **Popoola, A. R.**, (1982). Purification and kinetic studies of alkaline phosphatase from haemolymph of African Giant Snail. B.Sc. Project, Department of Biochemistry, University of Ife (now Obafemi Awolowo University), Ile-Ife.
  
2. **Popoola, A. R.** (1985). Effect of culinary processes on the nutrient content of leafy vegetables. M.Sc. Dissertation, Nutritional Biochemistry, Department of Human Nutrition, University of Ibadan, Ibadan.

3. **Popoola, A. R.** (2001). Species of fungi from Nigerian desert soil and their effects on straw. Ph.D. Thesis, Applied Microbiology and Plant Pathology, Botany Department, University of Jos, Jos.

**(b) Journal Articles**

1. **Popoola, A.R.**, Idakwo, P.Y. & Gworam, A (1996). Growth-enhancing effect of *Trichoderma pseudokoningii* on *Mucor pusillus* in tomato spoilage. ***West Africa Journal of Biological Sciences*** 4(1): 82-87. Published by the Department of Biochemistry, University of Jos, Jos.

2. **Popoola, A.R** & Ogbonna, C.I.C (1997) Cellulolytic ability of soil-inhabiting fungi of Maiduguri Metropolitan Area of Borno State. ***Annals of Borno*** 13/14: 277-285. Published by University of Maiduguri, Maiduguri.

3. **Popoola, A.R.**, Idakwo, P.Y & Gwanzang, I (1997) Identification and control of microfungi causing post-harvest tomato deterioration in Maiduguri, Nigeria. ***Research Journal of Science*** 3(1 & 2): 1-6. Published by Faculty of Science, University of Jos, Jos.

4. Ogbonna, C.I.C & **Popoola, A.R** (1997). Biodegradation of maize straw by fungi for use as ruminant feed. ***Nigerian Journal of Biotechnology*** 8(1):46–56. Published by Biotechnology Society of Nigeria.

5. **Popoola, A.R** & Ogbonna, C.I.C (1997). Estimation of extracellular degradative enzymes of fungi isolated from Maiduguri soils. ***West African Journal of Biological Science*** 6(2): 132-140. Published by the Department of Biochemistry, University of Jos, Jos.

6 **Popoola, A.R** & Idakwo, P.Y. (2002) Effect of fungicides on wheat seeds stored at two levels of relative humidity. ***Nigerian Journal of Experimental and Applied Biology*** 3(1): 111-114. Published by the Department of Biological Sciences, University of Maiduguri, Maiduguri.

**Popoola, A.R.**, Adeoti, A.Y.A., & Idakwo, P.Y (2003) Incidence of moulds in some varieties of stored cowpea and peanuts in Maiduguri, Nigeria. ***ASSET (A)*** 3(4): 163-169. Published by Federal University of Agriculture, Abeokuta.

8. Adeoti, A.Y.A & **Popoola, A.R** (2004) Effect of sowing dates on incidence of bacterial blight and *Alternaria* leaf spot, seedling emergence and seed cotton yield of long staple cotton *Gossypium barbadense* L in Northern Guinea Savanna of Nigeria. ***Nigerian Journal of Plant Protection*** 21: 57-62. Published by Nigerian Society for Plant Protection.

9. **Popoola, A.R.**, Idakwo, P.Y & Ogbonna, C.I.C (2004) Evaluation of fungal upgraded maize straw as feed supplement for guinea pigs. ***Nigerian Journal of Experimental and Applied***



**Biology** 5(2): 227-232 Published by Department of Biological Sciences, University of Maiduguri, Maiduguri.

10. Nejo, O.J., Adeoti, A.Y.A., **Popoola, A.R.**, Bodunde, J.G. & Kehinde, I.A. (2005) Effect of leaf spot disease (*Coniella musaiaensis*) on growth performance of selected lines of roselle (*Hibiscus sabdariffa* L.) under the derived forest condition of Abeokuta, Southwest Nigeria. **ASSET SERIES B** 4(1): 47-55. Published by Federal University of Agriculture, Abeokuta.

11. Ogunbayo, S. A., Ojo, K. K., **Popoola, A. R.**, Ariyo, O. J., Sie, M., Sanni, K. A., Nwilene, F. E., Somado, E. A., Guei, R. G., Tia, D. D., Oyelakin, O. O. & Shittu, A. (2007). Genetic comparisons of landrace rice accessions by morphological and RAPDs Techniques. **Asian Journal of Plant Sciences** 6 (4):653-666. Published by Asian Network for Scientific Information. <http://docsdrive.com/pdfs/ansinet/ajps/2007/653-666.pdf>

12. Nejo, O. J., Adeoti, A. Y. A., **Popoola, A. R.** & Kehinde, I. A. (2008). Effect of foliar application of fungicides on incidence and severity of leaf spot disease of Roselle induced by *Coniella Musaiaensis* B. Sutton var. *hibisci* **Moor Journal of Agricultural Research** 8 (1 & 2) : 63-67. Published by the Institute of Agricultural Research and Training, Obafemi Awolowo University, Ibadan Campus.

13. **Popoola, A. R.**, Awotide, O. G., Adeoti, A. Y. A. & Ayodele, M. S. (2008). The field reaction of Long-staple Cotton (*Gossypium barbadense* L.) genotypes to natural Infection of Alternaria leaf spot disease in Ogun State, Nigeria. **East African Journal of Sciences** 2 (2):159 – 163. Published by Haramaya University, Ethiopia. [www.haramaya.edu.et/eajshome.html](http://www.haramaya.edu.et/eajshome.html)

14. Atungwu, J. J., Animashaun, K. I. **Popoola, A. R.** & Ojo, D. K. (2010). First report of sources of resistance in cotton to *Meloidogyne incognita* in Nigeria. **International Journal of Nematology**, 20 (2): 230 – 235. ASSN Publishers, UK. <http://www.ifns.org/pdf/IJN%2019&20pdf>

15. Enikuomehin, O. A. , Aduwo, A. M. , Olowe, V. I. O. , **Popoola, A. R.** & Oduwaye, A. (2010) Incidence and severity of foliar diseases of sesame (*Sesamum indicum* L.) intercropped with maize (*Zea mays* L.) **Archives of Phytopathology and Plant Protection** 43: 10, 972 – 986. Published by Taylor and Francis. <http://dx.doi.org/10.1080/03235400802214810>

16. Adegboye, O.T.H., **Popoola, A.R.**, Adeoti, A.Y.A & Olsantan, F.O. (2011). Effect of intercropping, planting date and cultivars on management of sorghum [*Sorghum bicolor* L. (Moench)] anthracnose in South West Nigeria. **Journal of Agricultural Science and Technology** 1(7A): 963 – 971. Published by David Publishing Company, U.S.A. [http://www.davidpublishing.org/journals\\_info.asp?jid=567](http://www.davidpublishing.org/journals_info.asp?jid=567)

17. **Popoola, A. R.**, Ganiyu, S. A., Babalola, O.A. & Ayo-John, E. I (2011). Effects of tillage methods, varieties and compost amendments on bacterial leaf spot, leaf speck and fruit yield of two tomato varieties. *Nigerian Journal for Plant Protection* 25(1):127-138. Published by Nigerian Society for Plant Protection.
18. Nwangburuka, C. C., Kehinde, O. B., Ojo, D. K., **Popoola, A. R.**, Oduwaye, O., Denton, O. A. & Adekoya, M. (2011) Molecular characterization of twenty-nine okra accessions using the Random Amplified Polymorphic DNA (RAPD) molecular marker. *actaSATECH* 4(1): 1 – 14. Published by Babcock University, Nigeria. [www.actasatech.com](http://www.actasatech.com)
19. Nwangburuka, C. C., Kehinde, O.B., Ojo, D. K., Denton, O. A. & **Popoola, A. R.** (2011) Morphological classification of genetic diversity in cultivated okra, *Abelmoschus esculentus* (L) Moench using principal component analysis (PCA) and single linkage cluster analysis (SLCA). *African Journal of Biotechnology* 10(54):11165-11172. Published by Academic Journals. <http://www.academicjournals.org/AJB>
20. Idowu, O.T.H., **Popoola, A.R.**, Adeoti, A.Y.A & Salami, A. M. (2011). Reaction of sorghum, *Sorghum bicolor* (L.) Moench, cultivars to *Colletotrichum graminicola* (Cesati) Wilson in south-west Nigeria. *Nigerian Journal of Plant Protection* 25(1) : 43 – 54. Published by Nigerian Society for Plant Protection.
21. Awotide, O.G., Adeoti, A.Y.A., **Popoola, A. R.**, Ariyo, O.C. & Olagunju, O.S. (2011) Evaluation of sowing dates on incidence and severity of Alternaria leafspot induced by *Alternaria macrospora* in cotton (*Gossypium barbadense* L.). *Nigerian Journal of Plant Protection* 25(1): 171 – 179. Published by Nigerian Society for Plant Protection.
22. **Popoola, A.R** & Olanloye, O.A. (2012). Rapid greenhouse assessment of bacterial blight in cassava genotypes in Nigeria. *Archives of Phytopathology and Plant Protection* 45(5):574-584. Published by Taylor and Francis. <http://dx.doi.org/10.1080/03235408.2011.588048>
23. Fajinmi, A. A., **Popoola, A. R.** & Fajinmi, O.B. (2012). Incidence and epidemiology of Pepper veinal mottle virus (PVMV), a Potyvirus disease of pepper. *Archives of Phytopathology and Plant Protection* 45(13): 1586 – 1590. Published by Taylor and Francis. DOI:10.1080/03235408.2012.694250
24. **Popoola, A.R.**, Ercolano, M. R., Kaledzi, P.D., Ferriello, F., Ganiyu, S.A., Dapaah, H.K., Ojo, D.K., Adegbite, D.A., Falana, Y. & Adedibu, O. B. (2012) Molecular and phenotypic screening of tomato genotypes for resistance to *Fusarium* wilt. *Ghana Journal of Horticulture* 10: 61 – 67. Published by Ghana Institute of Horticulturists, University of Ghana, Legon.

25. Owolade, O. F., Akande, S. R., A.G.O. Dixon, P. O. Tedela, **A. R. Popoola**, A. Y. A. Adeoti, Enikuomelin, A. O., & Afolabi, C. G. (2012). Molecular identification of *Colletotrichum gloeosporioides* f.sp. *manihotis* causing cassava anthracnose in Nigeria. ***Nigerian Journal of Genetics*** 26: 127 – 140 Publishers: Genetics Society of Nigeria.
26. Idehen, E. O., Kehinde, O. B., Wang, X., **Popoola, A. R.** & Akintobi, D. C. (2012). Germination and *in-vitro* regeneration in ‘Egusi’ melon, *Citrullus lanatus* (Thunb) Matsum and Nakai. ***Nigerian Journal of Biotechnology*** 24: 35 – 40. Published by the Biotechnology Society of Nigeria. [www.biotechsocietynigeria.org](http://www.biotechsocietynigeria.org)
27. Idowu, O.T.H., Salaam, A.M., **Popoola, A.R.** & Adeoti, A.Y.A. (2012) *In vitro* assessment of fungicides for the control of sorghum anthracnose induced by *Colletotrichum graminicola* (Cesati) Wilson. ***Nigerian Journal of Mycology*** 4 : 76-83. Published by Mycological Society of Nigeria.
28. Akanmu, A.O., **Popoola, A.R.**, Adebare, Ganiyu., Abiala, M.A., Odebode, A.C. & Adeoye, G.O. (2012) Effectiveness of some plant extracts in the management of tomato pith necrosis caused by *Pseudomonas corrugata*. ***International Journal of Organic Agriculture Research and Development***. 5:127-140. Published by Nigerian Organic Agriculture Network.
- 29 **Popoola, A. R.**, Ganiyu, S. A. & Durojaiye, S. O. (2012). Antimicrobial efficacy of thymol in the management of bacterial wilt of tomato. ***Journal of Agricultural Science and Environment, JAgSE*** 12 (1): 95 – 103. Published by the Federal University of Agriculture, Abeokuta.
30. Idehen, E. O., Kehinde, O. B., Wang, X. & **Popoola, A. R.** (2012). Phylogenetic diversity and relationships among Nigerian ‘Egusi’ melon accessions using SSR markers. ***Acta Agronomica Hungarica*** 60(4): 335 – 344. DOI: 10.1556/AAgr.60.2012.4.4
31. Idowu, O.T.H., **Popoola, A.R.** & Salaam, A.M. (2012) Effect of seed dressing fungicides on anthracnose incidence, severity and grain yield of sorghum cultivar Ex-Minna in forest-savanna transition zone of southwestern Nigeria. ***Nigerian Journal of Plant Protection*** 26(1): 126 - 133. Published by Nigerian Society for Plant Protection.
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