

1. Brief biography

Research interests include biological control, plant-insect interactions, and new strategies for integrated pest management in diverse cropping systems, thus contributing to the aim of securing yields while reducing the detrimental impact on biodiversity. Ecology and behaviour of natural enemies. and evolution of herbivore defences in crops. Multitrophic interactions among crops, pathogens, herbivorous insects and their natural enemies for enhancing host plant resistance to insect pests, and the influence of diversified cropping systems on the population dynamics of pest species

2. Passport size photograph



3. Personal information

4. Department

Crop Protection

5. Email address

pitanor@funaab.edu.ng,

femipitan@yahoo.com

6. Phone number

+2348034793272

7. Rank

Professor

8. Designation

Entomologist

9. ResearchGate address

[Olufemi Pitan - ResearchGate](#)

10. LinkedIn address

[Femi Pitan | LinkedIn](#)

11. Google scholar profile

[Olufemi Richard Pitan - Google Scholar](#)

12. ORCID number

[Olufemi Pitan \(0000-0001-6465-8168\) - My ORCID](#)

13. Qualifications

(a) Doctor of Philosophy (PhD, Agriculture), University of Ibadan, Ibadan (1997)

(b) Master of Science (MSc, Entomology), University of Ibadan, Ibadan (1991)

(c) Bachelor of Science (BSc, Zoology), University of Lagos, Lagos (1988)

14. Membership of professional bodies

- a) Member, Entomological Society of Nigeria.
- b) Member, Horticultural Society of Nigeria
- c) Member, Nigerian Society of Plant Protection
- d) Member, Organic Agriculture in Tertiary Institutions

15. Award received

- (a) Post Doctoral Fellowship (Chinese Academy of Sciences & Third World Academy of Sciences, 2005 – 2006)
- (b) Faculty Exchange Programme on African Phytosanitary Capacity Building (August – December, 2008 (Organised by United States Department of Agriculture, USDA)

16. Research conducted

Completed

- a) Integrated management of cucumber pests
- b) Integrated management of cowpea seed weevil with seed resistance and botanicals
- c) Evaluation of sesame lines for resistance to major insect pests
 - ii. In progress
- a) Evaluation of cowpea accessions for resistance to pod-sucking bugs
- b) Genetic diversity of the tomato fruit worm, *Helicoverpa armigera* Hubner (Lepidoptera: Nuctuidae) in Nigeria
- c) Development of integrated pest management (IPM) technology for tomato wilt diseases and fruit borers.

17. Conferences attended

- I. The 47th Annual Conference of the Entomological Society of Nigeria, held at The University of Ilorin, Ilorin, Kwara State, Nigeria (October 7 - 9, 2016).
- II. The 46th Annual Conference of the Entomological Society of Nigeria, held at The University of Lagos, Lagos, Lagos State, Nigeria (October 7 - 9, 2015).
- III. The 39th Annual Conference of the Nigerian Society for Plant Protection held at the Ladoké Akintola University, Ogbomosho (LAUTECH) (May 6 - 8, 2014).
- IV. The 32nd Annual Conference of the Horticultural Society of Nigeria, held at the Federal University of Agriculture, Abeokuta (2014).
- V. The 37th Annual Conference of the Nigerian Society for Plant Protection held at the Federal University of Agriculture (FUNAAB) (May 6-10, 2012).
- VI. The 41st Annual Conference of the Entomological Society of Nigeria, held at Wesley University of Science and Technology, Ondo, Ondo State, Nigeria (June 4 -7, 2010).
- VII. The 25th Annual Conference of the Horticultural Society of Nigeria, held at the National Horticultural Research Institute, NIHORT, Ibadan (September, 2007).
- VIII. The 38th Annual Conference of the Entomological Society of Nigeria, held at Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria (2007).

18. Publications

1. **Pitan, O.O.R.**, Akinlosotu, T.A. & Odebiyi, J.A. (2000). Impact of *Gyranusoidea tebygi* (Noyes) (Hym.:Encyrtidae) on the mango mealybug, *Rastrococcus invadens*

Williams (Hom.: Pseudococcidae) in Nigeria. *Biocontrol Science and Technology* 10: 245 - 254.

Published by Taylor & Francis Group, London, UK. DOI:
10.1080/09583150050044529.

2. **Pitan, O.O.R.**, Odebiyi, J.A. & Adeoye, G.O. (2000). Effects of phosphate fertilizer levels on cowpea pod-sucking bug population and damage. *International Journal of Pest Management* 46: 205 - 209.

Published by Taylor & Francis Group, London, UK. DOI:
10.1080/096708700415544.

3. **Pitan, O.O.R.**, & J.A. Odebiyi (2001). The effect of intercropping with maize on the level of infestation and damage by pod-sucking bugs in cowpea. *Crop Protection* 20:367 - 372

Published by Elsevier Publishers, UK. DOI: 10.1016/S0261-2194(00)00135-6.

4. **Pitan, O.O.R.**, Georgina Mwamsat, Sunday O.S. Akinyemi, Oyeboade S. Adebayo & Taiwo A. Akinlosotu (2002). Effect of the mango mealybug and sooty mould attack on mango and the impact of the released *Gyranusoidea tebygi* Noyes on yield. *Fruits* 57: 103 - 115.

Published by Edition Diffision Presse (EDP) Sciences, France.
DOI: 10.1051/fruits: 2002010.

5. **Pitan, O.O.R.**, J.A. Odebiyi, G.O. Adeoye & E.O. Osisanya (2001). Influence of maize intercropping and minimal insecticidal usage on the pod-sucking bugs of cowpea. *Tropical Agriculture* (Trinidad) 78: 48 - 51.

Published by Imperial College of Tropical Agriculture,
Trinidad and Tobago, West Indies. http://runners.ritsumei.ac.jp/cgi-bin/swets/hold-query_e?mode=0&keyidxno=03611046

6. **Pitan, O.O.R.** & J.A. Odebiyi (2001). Crop loss in cowpea due to the pod-sucking bugs, *Riptortus dentipes*, *Mirperus jaculus*, *Anoplocnemis curvipes* and *Nezara viridula*. *Insect Science and Its Application* 21: 237 - 241.

Published by the International Center of Insect Physiology and Ecology (ICIPE), Kenya.

<http://www.icipe.org/images/stories/pdf/publications/ijt/PUBlist2001.pdf>

7. **Pitan, O.O.R.** & J.A. Odebiyi (2002). Effect of intra-row spacing of cowpea on pod-sucking bug population and damage in Ibadan, Nigeria. *Nigerian Journal of Entomology* 19: 31 - 39.

Published by the Entomological Society of Nigeria.
www.unaab.edu.ng/index.php?option=com_content.id

8. **Pitan, O.O.R.** (2002). Aspects of biology and variation in the developmental time of the spiraling whitefly, *Aleurodicus dispersus* Russell (Homoptera: Aleyrodidae) on different hosts. *Nigerian Journal of Entomology* 19: 124 - 132.

Published by the Entomological Society of Nigeria.
www.uaab.edu.ng/index.php?option=com_content..id

9. **Pitan, O.O.R.** (2003). Response of two growth stages of pepper to different population densities of the spiraling whitefly (*Aleurodicus dispersus* Russell). *Insect Science and Its Application* 23: 115-120.
Published by the International Center of Insect Physiology and Ecology (ICIPE), Kenya.
<http://www.icipe.org/images/stories/pdf/publications/PUBlist2003.pdf>
10. **Pitan, O.O.R.,** Alasiri, K.O. Kintomo, A.A. Babalola, S.O. & Olatunde, G.O. (2006). Studies on the occurrence and relative abundance of the major insect pests of roselle (*Hibiscus sabdariffa* var *sabdariffa* L). *International Journal of Agricultural Sciences, Science, Environment and Technology (ASSET)* 6: 55 - 61.
Published by the Federal University of Agriculture, Abeokuta, Nigeria.
www.unaab.edu.ng/index.php?option=com_content..id
11. **Pitan, O.O.R.,** Odebiyi, J.A. Akinlosotu, T.A , Hassan, T. & Nwamsat, G. (2006). Importation, releases and establishment of *Neochetina eichhorniae* Warner (Coleoptera: Curculionidae) for the biological control of water hyacinth (*Eichhornia crassipes*) in Nigerian waters. *International Journal of Agricultural Sciences, Science, Environment and Technology (ASSET) Series A*, 6: 89 - 102
Published by the Federal University of Agriculture, Abeokuta, Nigeria.
www.uaaab.edu.ng/index.php?option=com_content..id
12. **Pitan, O.O.R. &** Olatunde, G.O. (2006). Effects of intercropping tomato (*Lycopersicon esculentum*) at different times with cowpea (*Vigna unguiculata*) or okra (*Abelmoschus esculentum*) on crop damage by major insect pests. *Journal of Agricultural Sciences (Cambridge)* 144: 361 - 366.
Published by Cambridge Publishers, United Kingdom.
DOI:10.1017/S0021859606006277
13. **Pitan, O.O.R.,** Alasiri, K. O., Kintomo, A. O., Babalola, S.O. & Olatunde, G. O. (2007). Variations in yields and susceptibility to insect attack in three varieties of roselle (*Hibiscus sabdariffa* var *sabdariffa* L.) at different planting densities and fertilizer rates in a sub-humid environment. *Journal of Horticulture and Biotechnology* 82: 49 - 54.
Published by International Society for Horticultural Science, United Kingdom.
http://www.jhortscib.org/Vol82/82_1/10.htm
14. **Pitan, O.O.R.,** Odubiyi, S.I.I & Olatunde, G.O. (2007). Yield response of cowpea, *Vigna unguiculata* L. (Walp), to infestation of *Aspavia armigera* F. (Hemiptera: Pentatomidae). *Journal of Applied Entomology* 131: 704 - 708.
Published by Wiley-Blackwell Publishers, United Kingdom.

15. Olatunde, G. O., Biobaku, I. A., Ojo, D. K., **Pitan, O.O.R.** & Adegbite, E. A. (2007). Inheritance of resistance in cowpea to pod sucking bug, *Clavigralla tomentosicollis* Stal. (Hemiptera: Coreidae). *Tropical Science* 47: 128 - 153. Published by Wiley & Sons Publishers, United Kingdom. DOI: 10.1002/ts.206
16. **Pitan, O.O.R.**, Fajinmi, A.A., Akinyemi, S.O.S. & Ayodele, E. A. (2008). Status of the spiraling whitefly, *Aleurodicus dispersus* Russell (Homoptera: Aleyrodidae), infestation in Nigeria. *Nigerian Journal of Plant Protection*. 24: 35 - 44. Published by Nigerian Society for Plant Protection. www.unaab.edu.ng/index.php?option=com_content..id
17. Babarinde, S.A., **Pitan, O.O.R.** & Iyiola, F.A. (2008). A pre-screen of termiticidal potentials of aerial parts of castor, *Ricinus communis* (Euphorbiaceae). *Journal of Entomology* 5:218 - 223. Published by Science Alert, New York, USA. DOI: 10.3923/je.2008.218.223
18. Babarinde, S.A., Adebayo, T.A., **Pitan, O.O.R.** & Folorunso, J.T. (2008). Host influence on the population growth and damage by cigarette beetle (*Lasioderma serricorne* F.) in Ogbomoso, Nigeria. *Crop Research* 35(3): 268 - 272. Published by The Gaurav Society of Agricultural Research Information Centre (ARIC), Hisar, India. <http://www.cropresearch.org/>
19. **Pitan, O.O.R.**, Tairu F.M. & Olatunde, G.O. (2008). Varietal differences in the resistance of *Corchorus olitorius* to the flea beetles. *Nigerian Journal of Plant Protection* 25: 21 - 29. Published by Nigerian Society for Plant Protection; www.unaab.edu.ng/index.php?option=com_content..id
20. **Pitan, O.O.R.** (2008). Variation and fluctuation in the population density of the mango mealybug (*Rastrococcus invadens* Williams) (Homoptera: Pseudococcidae), and its parasitisation in relation to smoke pollution. *International Journal of Tropical of Insect Science* 28: 1 - 7. Published by Cambridge Publishers, Cambridge, United Kingdom. DOI:10.1017/S174275840806757X
21. **Pitan, O.O.R.**, O.O. Aiyelaagbe, H. L. Wang & C. Z. Wang (2009). Identification, isolation and characterization of bioactive constituent of *Clausena anisata* (Wild.) Hook F. Ex Benth (Rutaceae) against *Helicoverpa armigera* Hubner (Lepidoptera: Nuctuidae). *Insect Science* 16: 247- 253. Published by Wiley-Blackwell Publishers, United Kingdom.

DOI/10.1111/j.1744-7917.2009.01255.x/pdf

22. Babarinde, S. A., **Pitan, O.O.R.**, and Ogunfiade, A.T. (2011). Bioactivity of *Piper guineense* Schum, & Thonn seed and *Moringa oleifera* Lam. leaf powder against *Trogoderma granarium* Everts (Coleoptera: Dermestidae). *Archives of Phytopathology and Plant Protection* 44: 298 -306.
Published by Taylor & Francis Publishers, London, UK.
DOI.org/10.1080/ 03235400903024878
23. **Pitan, O.O.R.**, & Ekoja, E. E. (2011). Yield response of okra, *Abelmoschus esculentus* (L.) Moench to leaf damage by the flea beetle, *Podagrica uniforma* Jacoby (Coleoptera: Chrysomelidae). *Crop Protection* 30: 1346 - 1350
Published by Elsevier Publishers, United Kingdom. DOI:
10.1016/j.cropro.2011.06.004
24. **Pitan, O.O.R.** & Adewole, M.M. (2011). Relationship between chemicals in some Malvaceaea crops and host-preference by *Podagrica sjostedti* Jacoby (Coleoptera: Chrysomelidae). *Journal of Agricultural Science and Environment (ASSET)*. 11: 1 - 8
Published by the Federal University of Agriculture, Abeokuta.
<http://journal.unaab.edu.ng/index.php/JAgSE>
25. **Pitan, O.O.R.**, Babarinde, S.A., Adesina, G.O. & Akintola, A. J. (2011). Host plants of the cotton mealybug, *Phenacoccus solenopsis* Tinsley (Homoptera: Pseudococcidae) in three selected towns of Nigeria, and its infestation pattern. *Journal of Agricultural Science and Environment (ASSET)* 11(1): 59 - 67.
Published by the Federal University of Agriculture, Abeokuta.
<http://journal.unaab.edu.ng/index.php/JAgSE>
26. Ekoja, E.E., **Pitan, O.O.R.**, & Atayese, M.O. (2012). Physiological response of okra to flea beetle herbivory as measured by leaf loss, chlorophyll disruption and dry matter yield. *International Journal of Vegetable Science* 18: 171-181.
Published by Taylor & Francis, Philadelphia. USA. DOI:
10.1080/19315260.2011.598224
27. Babarinde, S.A., **Pitan, O.O.R.**, T.A. Adebayo, A.O. Akinyemi, G.O. Adesina & O.I. Odumade (2012). Susceptibility of 12 smoke dried fish species to *Dermestes frischii* Kugelann (1792) (Coleoptera: Dermestidae). *African Entomology* 20(1): 171-176
Published by South African Society of Entomology.
<http://referenoe.sabinet.co.za/document/EJC119292>
28. **Pitan, O.O.R.**, & Ekoja, E. E. (2012). Growth inhibition and fruit distortion in okra (*Abelmoschus esculentus*) induced by the flea beetles (*Podagrica uniforma*) (Coleoptera: Chrysomelidae) herbivory. *International Journal of Tropical of Insect Science* 32:210-217
Published by Cambridge Publishers, United Kingdom.
DOI:http://dx.doi.org/10.1017/SI742758412000343

29. Alebiosu, I.B., Olatunde G.O. & **Pitan O.O.R.** (2013). Variations in some traits of two silkworm *Bombyx mori* L. (Lepidoptera: Bombycidae) hybrid fed on mulberry leaves of different maturity stages. *Nigerian Journal of Science* 47: 1 - 7
Published by Science Association of Nigeria
30. Mohammed, I.G., Osipitan, A.A., **Pitan, O.O.R.** & Atayese, M. (2013). Evaluation of fifteen varieties of okra *Abelmoschus esculentus* (L.) Moench to field infestation by flea beetles (*Podagrica* spp.) *African Entomology* 21(1): 70 - 78.
Published by South African Society of Entomology.
<http://reference.sabinet.co.za/document/EJC132841>
31. Alebiosu, I.B., Olatunde G.O. & **Pitan, O.O.R.** (2013). Developmental parameters and cocoon production by five silkworm, *Bombyx mori* L. (Lepidoptera: Bombycidae) hybrids at different feeding regimes. *International Journal of Agricultural and Apicultural Research* 10: 18-24
Published by Ladoké Akintola University of Technology, Ogbomosho, Oyo State.
<http://www.ajol.info/index.php/ijaaar>
32. **Pitan, O.O.R.** & Filani, C.O. (2013). Assessment of insect spectrum and insect-induced damage at different growth stages of cucumber (*Cucumis sativus* L.) in a rainforest transition zone of Nigeria. *Annals of Tropical Research* 35: 60-68
Published by Visayas State University, Leyte, Philippines
<http://www.annalsoftropicalresearch.com.atr/resources/pdf%20file/vol35%20No.2/4.pdf>
33. Alebiosu I.B., Olatunde, G.O. & **Pitan, O.O.R.** (2013). General performance and cocoon yields of two hybrid of the silkworm, *Bombyx mori* L. (Lepidoptera: Bombycidae), fed on mulberry leaves from different amended soils. *Annals of Tropical Research* 35: 1-12
Published by Visayas State University, Leyte, Philippines
<http://www.annalsoftropicalresearch.com/atr/resources/pdf%20file/vol35%20No.1/ATR2>
34. **Pitan, O.O.R.**, Jinadu, G.M., Shodunke, O.K, Filani, C.O. & Adewole, M.M. (2013). Influence of varietal differences and pyrethroid insecticides on the population densities of cucumber insects pests, *Dacus* spp. and *Bacterocera invadens* (Diptera: Tephritidae), and fruit damage. *Nigerian Journal of Horticultural Science* 18: 69 - 77
Published by the Horticultural Society of Nigeria
35. **Pitan, O.O.R.** & Esan, E.O. (2014). Intercropping cucumber with amaranth (*Amaranthus cruentus* L.) to suppress the population of major insect pests of

cucumber (*Cucumis sativus* L.). *Archives of Phytopathology and Plant Protection* 47(9): 1112-1119

Published by Taylor and Francis Group, London, UK.

DOI:10.1080/03235408.2013.858426

36. Azeez, O.M. & Pitan, O.O.R (2014). Comparative seed resistance in eighty cowpea accessions to the seed bruchid, *Callosobruchus maculatus* (Fabricius) (Coleoptera: Bruchidae), *Archives of Phytopathology and Plant protection* 47(15): 1806 - 1814
Published by Taylor and Francis Group, London, UK.
DOI: 10.1080/03235408.2013.858426

37. Azeez, O.M. & Pitan, O.O.R (2014). Influence of cowpea variety on the potency and deterrent indices of six plant powders against the seed bruchid, *Callosobruchus maculatus* (Fabricius) (Coleoptera: Bruchidae). *Archives of Phytopathology and Plant Protection*, 47(17): 1- 8

Published by Taylor and Francis Group, London, UK. DOI:

10.1080/03235408.2014.893637

38. Pitan, O.O.R. and Filani, C.O. (2014). Effect of intercropping cucumber, *Cucumis sativus* (L), at different times with maize, *Zea mays* (L.), on the density of cucumber insect pests. *International Journal of Tropical of Insect Science* 34 (4): 269 - 276
Published by Cambridge Publishers, United Kingdom.
DOI:10:1017/s1742758414000435

39. Joda, A.O., Ewete, F.K., and Pitan, O.O.R. (2014). Biological control of *Aspavia armigera* with *Agriope* sp and evaluation of four alternative hosts as trap crops for the insect. *Nigerian Journal of Plant Protection* 28:126-132. <http://dx.doi.org/10.15640/jaes.v4n1a17>.

40. Ewedairo, B. I., Osipitan, A. A., Pitan, O. R., Adebisi, M. A. and Atayese, M. O. 2014. Resistance of Some Maize Varieties to Infestation by Larger Grain Borer *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae) as Influenced by Grain Hardness and Phenol Content of the Kernels. *Nigeria Journal of Entomology* 31:93-102.
(Publisher: Entomological Society of Nigeria).

41. Ewedairo, B.I., Osipitan, A.A, Pitan, O.O.R, Adebisi, M.A. and Atayese, M.O. (2014). Evaluation of the nutritional composition of maize (*Zea mays*) kernels and their resistance to damage by larger grain borer – *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae). *Nigerian Journal of Plant Protection*. 28 (1):34 – 44
Published by Nigerian Society for Plant Protection.

42. Alebiosu, I.B., Olatunde G.O., Adedire, M.O. & Pitan, O.O.R. (2014). Performance and cocoon yields of two hybrids of *Bombyx mori* L. (Lepidoptera: Bombycidae) fed

on leaves from pruned and unpruned mulberry plants. *Nigerian Journal of Ecology* 13: 12 - 18.

Published by Nigeria Society of Ecology.

43. Joda, A.O., Ewete, F.K. and **Pitan, O.O.R.** (2014). Evaluation of damage induced by *Aspavia armigera* (Fabricius) on different rice (*Oryza sativa* Linn) varieties. *Journal of Agricultural Science* 6 (11): 30-36.

Published by Canadian Center of Science and Education, Canada.

DOI: 10.5539/jas.v6n11p30.

44. Alebiosu, I.B., Olatunde G.O., Adedire, M.O. & **Pitan O.O.R.** (2014). Development and cocoon parameters of the silkworm (*Bombyx mori* L). (Lepidoptera: Bombycidae) fed on mulberry leaves preserved for different durations under tropical conditions. *Nigerian Journal of Ecology* 13: 19 - 26

Published by Nigerian Society of Ecology.

45. Ekoja, E.E., **Pitan, O.O.R.** and Olaosebikan. F.T. (2015). Variations in Stem Borer Infestation and Damage in Three Maize (*Zea mays* L.) Types in Southern Guinea Savanna and Rainforest Zones of Nigeria. *Agriculture, Forestry and Fisheries* 4(6): 284-290 Published online (<http://www.sciencepublishinggroup.com/j/aff>) doi:10.11648/j.aff.20150406.18

46. Joda, A.O., Ewete, F.K., Singh, B.N. and **Pitan, O.O.R.** (2015). Varietal differences in rice (*Oryza sativa* L.) resistance to the shield bug, *Aspavia armigera* (Fabricius) (Hemiptera: Pentatomidae). *Journal of Agricultural Science*. 7 (5): 211-218.

Published by Canadian Center of Science and Education, Canada.

DOI: 10.5539/jas.v7n5p211.

47. Babarinde, S.A., **Pitan, O.O.R.**, Olatunde, G.O. and Ajala, M.O. (2015). First report of toxicity of *Xylopia parviflora* (A. Rich.) Benth. (Annonaceae) root bark essential oil against cowpea seed bruchid, *Callosobruchus maculatus* Fabricius (Coleoptera: Chrysomelidae: Bruchinae). *Natural Product Research* 29 (4): 349-352.

Published by Taylor and Francis Group, London, UK.

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48. Akinyemi, A.O., **Pitan, O.O.R.**, Osipitan, A.A. and Adebisi, M. (2015). Susceptibility of sesame (*Sesamum indicum* L.) to major field insect pests as influenced by insecticide application in a sub-humid environment. *African Entomology* 23 (1): 48 – 58

Published by Entomological Society of Southern Africa, Pretoria, South Africa.

49. Babasanya, O.G., Osipitan, A.A., **Pitan, O.O.R.** and Atayese, M.O. (2015). Evaluation of some botanicals for the management of *Tribolium castaneum* (Herbst) in groundnut (*Arachis hypogaea* L.) and their effects on it nutritional composition.

Journal of Organic Agriculture Project in Tertiary Institutions in Nigeria 2: 106-116

Published by Organic Agriculture Project in Tertiary Institutions in Nigeria.

50. Soyombo, O.O., Osipitan, A.A., **Pitan, O.O.R.** and Oyekanmi, A.A. (2015). Evaluation of plant extracts in the management of insect infestation of soybean (*Glycine max* L.) Merrill. *Nigerian Journal of Ecology* 13:67 – 72
Published by Ecological Society of Nigeria.
51. Ewedairo, B. I., Osipitan, A.A., **Pitan, O.O.R.**, Adebisi, M.A. and Atayese, M.O. (2015). Influence of Maize Grain Hardness and Phenol Content on the Resistance of Some Maize Varieties to Infestation by Larger Grain Borer, *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae). *Nigerian Journal of Entomology* 31: 93 - 102
Published by Entomological Society of Nigeria.
52. **Pitan, O.O.R.**, Kehinde, A.T., Osipitan, A.A., Ademolu A.A. and Lawal O.A. (2015). Laboratory evaluation of insecticidal activities of some botanicals on four insect pests of honey bees (*Apis mellifera* L.). *International Journal of Applied Apicultural and Apicultural Science Research* 11: 1&2: 172-182
Published by Ladoke Akintola University of Technology, Ogbomosho, Osun State.
53. Ajao, F.O., Osipitan, A.A., **Pitan, O.O.R.** and Lawal, O.A. (2016). Effect of plant spacing on the abundance of major insect pests of cowpea (*Vigna unguiculata* L. Walp.) and crop yield. *Journal of Organic Agriculture and Environment* 4.1: 112-131.
Published by the Organic Agriculture Project in Tertiary Institutions in Nigeria
54. Babarinde, S.A., **Pitan, O.O.R.**, Ajala, M.O. and Olatunde, G.O. (2017). Insectifugal and insecticidal potentials of two tropical botanical essential oils against cowpea seed bruchid
Environmental Science and Pollution Research 24, 19785–19794.
DOI:10.1007/s11356-017-9589-x
55. Babarinde, S.A., **Pitan, O.O.R.**, Olatunde, G.O. and Ajala, M.O (2017). Chemical Composition of the Essential Oil of Nigeria Grown *Hoslundia opposita* Vahl (Lamiaceae) Dried Leaves and Its Bioactivity against Cowpea Seed Bruchid (2017) *Chemistry and Biodiversity*14 (6) DOI: 10.1002/cbdv.201600418
56. Akinyode, E. T., Porbeni, J B. O., Ojo, D.K., **Pitan,O.O.R.**, Olufolaji, A. O., Chikaleke, V., Abdul-Rafiu, A. M., Ibitoye, D.O. (2017). Evaluation of Nine Accessions of *Solanum aethiopicum* for Yield and Related Traits in South Western Nigeria. *Nigerian Journal of Genetics*
57. Akinyode, E. T., Porbeni, J B. O., Ojo, D.K., **Pitan, O.O.R.**, Olufolaji, A. O., Chikaleke, V., Abdul-Rafiu, A. M., Ibitoye, D.O. (2018). Estimation of Heterosis of

Yield and Yield-Related Traits in The African Eggplant (*Solanum aethiopicum*) Hybrids *Journal of Plant Breeding and Genetics*. 6 (02): 39-45

58. Owolabi, A. V., Filani, C. O., Buari, R. A., Osipitan, A. A., Makinde, E.A. and **Pitan, O.O.R** (2018) Relative susceptibility of some local tomato (*Solanum lycopersicon* L.) genotypes to the fruit borer (*Helicoverpa armigera* Hubner) (Lepidoptera: Noctuidae) and its relationship with plant physiomorphic characters. *Nigerian Journal of Ecology* 17(2): 115-125.
Published by the Ecological Society of Nigeria.
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