

# John A Pickett

## List of Publications by Year in descending order

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Version: 2024-02-01

302  
papers

17,806  
citations

13865

67  
h-index

19190

118  
g-index

307  
all docs

307  
docs citations

307  
times ranked

12721  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Skin microbiome alters attractiveness to <i>Anopheles</i> mosquitoes. <i>BMC Microbiology</i> , 2022, 22, 98.   | 3.3 | 9         |
| 2  | Field validation of senesced banana leaf extracts for trapping banana weevils on smallholder banana/plantain farms. <i>Journal of Applied Entomology</i> , 2021, 145, 26-35.  | 1.8 | 1         |
| 3  | Overexpression of the homoterpene synthase gene, <i>OsCYP92C21</i> , increases emissions of volatiles mediating tritrophic interactions in rice. <i>Plant, Cell and Environment</i> , 2021, 44, 948-963.                                      | 5.7 | 6         |
| 4  | Iridoid Sex Pheromone Biosynthesis in Aphids Mimics Iridoid-Producing Plants. <i>Chemistry - A European Journal</i> , 2021, 27, 7231-7234.  | 3.3 | 8         |
| 5  | Priming of indirect defence responses in maize is shown to be genotype-specific. <i>Arthropod-Plant Interactions</i> , 2021, 15, 313-328.   | 1.1 | 7         |
| 6  | Chemical Identity and Functional Characterization of Semiochemicals That Promote the Interactions between Rice Plant and Rice Major Pest <i>Nilaparvata lugens</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4635-4644. | 5.2 | 6         |
| 7  | Sex Pheromone of the Alfalfa Plant Bug, <i>Adelphocoris lineolatus</i> : Pheromone Composition and Antagonistic Effect of 1-Hexanol (Hemiptera: Miridae). <i>Journal of Chemical Ecology</i> , 2021, 47, 525-533.                             | 1.8 | 6         |
| 8  | Bumblebee electric charge stimulates floral volatile emissions in <i>Petunia integrifolia</i> but not in <i>Antirrhinum majus</i> . <i>Die Naturwissenschaften</i> , 2021, 108, 44.   | 1.6 | 5         |
| 9  | Field evaluation of a new third generation push-pull technology for control of striga weed, stemborers, and fall armyworm in western Kenya. <i>Experimental Agriculture</i> , 2021, 57, 301-315.  | 0.9 | 8         |
| 10 | Repellency and Composition of Essential Oils of Selected Ethnobotanical Plants Used in Western Kenya against Bites of <i>Anopheles gambiae</i> Sensu Stricto. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2020, 23, 432-441.       | 1.9 | 1         |
| 11 | Farmers' Perception and Evaluation of <i>Brachiaria</i> Grass ( <i>Brachiaria</i> spp.) Genotypes for Smallholder Cereal-Livestock Production in East Africa. <i>Agriculture (Switzerland)</i> , 2020, 10, 268.                               | 3.1 | 16        |
| 12 | Three Aphid-Transmitted Viruses Encourage Vector Migration From Infected Common Bean ( <i>Phaseolus</i> ) Tj ETQqO 0 0 rgBT /Overlock 10 2020, 11, 613772.  | 3.6 | 13        |
| 13 | Development of an attract-and-infect device for biological control of lesser mealworm, <i>Alphitobius diaperinus</i> (Coleoptera: Tenebrionidae) in poultry houses. <i>Biological Control</i> , 2020, 149, 104326.                            | 3.0 | 10        |
| 14 | Responses of the putative trachoma vector, <i>Musca sorbens</i> , to volatile semiochemicals from human faeces. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007719.   | 3.0 | 12        |
| 15 | Genome wide association analysis of a stemborer egg induced 'call-for-help' defence trait in maize. <i>Scientific Reports</i> , 2020, 10, 11205.  | 3.3 | 20        |
| 16 | Sensing the Danger Signals: cis-Jasmone Reduces Aphid Performance on Potato and Modulates the Magnitude of Released Volatiles. <i>Frontiers in Ecology and Evolution</i> , 2020, 7, .   | 2.2 | 13        |
| 17 | Characterizing human odorant signals: insights from insect semiochemistry and <i>in silico</i> modelling. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190263.                                | 4.0 | 3         |
| 18 | Transcriptional profile of genes involved in the production of terpenes and glyceollins in response to biotic stresses in soybean. <i>Genetics and Molecular Biology</i> , 2020, 43, e20190388.   | 1.3 | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Title is missing!. , 2020, 14, e0007719.  |     | 0         |
| 20 | Title is missing!. , 2020, 14, e0007719.  |     | 0         |
| 21 | Title is missing!. , 2020, 14, e0007719.  |     | 0         |
| 22 | Title is missing!. , 2020, 14, e0007719.  |     | 0         |
| 23 | Attractiveness of host banana leaf materials to the banana weevil, <i>Cosmopolites sordidus</i> in Ghana for development of field management strategies. <i>Pest Management Science</i> , 2019, 75, 549-555.                              | 3.4 | 8         |
| 24 | Variability in herbivore-induced defence signalling across different maize genotypes impacts significantly on natural enemy foraging behaviour. <i>Journal of Pest Science</i> , 2019, 92, 723-736.                                       | 3.7 | 19        |
| 25 | Removing constraints to sustainable food production: new ways to exploit secondary metabolism from companion planting and GM. <i>Pest Management Science</i> , 2019, 75, 2346-2352.   | 3.4 | 4         |
| 26 | Identification of a non-host semiochemical from tick-resistant donkeys ( <i>Equus asinus</i> ) against <i>Amblyomma sculptum</i> ticks. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 621-627.   | 2.7 | 15        |
| 27 | Species-specific alterations in <i>Anopheles</i> mosquito olfactory responses caused by <i>Plasmodium</i> infection. <i>Scientific Reports</i> , 2019, 9, 3396.   | 3.3 | 16        |
| 28 | Exploiting Chemical Ecology for Developing Novel Integrated Pest Management Strategies for Africa. <i>Sustainability in Plant and Crop Protection</i> , 2019, , 165-183.  | 0.4 | 0         |
| 29 | Molasses Grass Induces Direct and Indirect Defense Responses in Neighbouring Maize Plants. <i>Journal of Chemical Ecology</i> , 2019, 45, 982-992.  | 1.8 | 19        |
| 30 | Development of pull and push-pull systems for management of lesser mealworm, <i>Alphitobius diaperinus</i> , in poultry houses using alarm and aggregation pheromones. <i>Pest Management Science</i> , 2019, 75, 1107-1114.              | 3.4 | 15        |
| 31 | Attractiveness of Host Plant Volatile Extracts to the Asian Citrus Psyllid, <i>Diaphorina citri</i> , is Reduced by Terpenoids from the Non-Host Cashew. <i>Journal of Chemical Ecology</i> , 2018, 44, 397-405.                          | 1.8 | 32        |
| 32 | Isolation and identification of floral attractants from a nectar plant for the dried bean beetle, <i>Acanthoscelides obtectus</i> (Coleoptera: Chrysomelidae, Bruchinae). <i>Pest Management Science</i> , 2018, 74, 2069-2075.           | 3.4 | 7         |
| 33 | <i>Plasmodium</i> -associated changes in human odor attract mosquitoes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4209-E4218.  | 7.1 | 105       |
| 34 | Possibilities for rationally exploiting co-evolution in addressing resistance to insecticides, and beyond. <i>Pesticide Biochemistry and Physiology</i> , 2018, 151, 18-24.   | 3.6 | 7         |
| 35 | Suitability of brachiaria grass as a trap crop for management of <i>C. hilo partellus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 139-148.  | 1.4 | 22        |
| 36 | (2R,5S)-Theaspirane Identified as the Kairomone for the Banana Weevil, <i>Cosmopolites sordidus</i> , from Attractive Senesced Leaves of the Host Banana, <i>Musa</i> spp .. <i>Chemistry - A European Journal</i> , 2018, 24, 9217-9219. | 3.3 | 4         |

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|----|--|-----|-----------|
| 37 | Conspecific and Heterogeneric Lacewings Respond to (Z)-4-Tridecene Identified from <i>Chrysopa formosa</i> (Neuroptera: Chrysopidae). <i>Journal of Chemical Ecology</i> , 2018, 44, 137-146.  | 1.8 | 3         |
| 38 | Prospects for management of whitefly using plant semiochemicals, compared with related pests. <i>Pest Management Science</i> , 2018, 74, 2405-2411.  | 3.4 | 26        |
| 39 | Expression of lima bean terpene synthases in rice enhances recruitment of a beneficial enemy of a major rice pest. <i>Plant, Cell and Environment</i> , 2018, 41, 111-120.   | 5.7 | 36        |
| 40 | A climate-adapted push-pull system effectively controls fall armyworm, <i>Spodoptera frugiperda</i> (L.) (Lepidoptera: Noctuidae). <i>Journal of Chemical Ecology</i> , 2018, 44, 147-156.   | 2.1 | 240       |
| 41 | Identification of Volatile Compounds Involved in Host Location by <i>Anthonomus grandis</i> (Coleoptera: Curculionidae). <i>Journal of Chemical Ecology</i> , 2018, 44, 157-166.   | 2.2 | 16        |
| 42 | Host shift induces changes in mate choice of the seed predator <i>Acanthoscelides obtectus</i> via altered chemical signalling. <i>PLoS ONE</i> , 2018, 13, e0206144.  | 2.5 | 6         |
| 43 | Environmentally vulnerable noble chafers exhibit unusual pheromone-mediated behaviour. <i>PLoS ONE</i> , 2018, 13, e0206526.   | 2.5 | 5         |
| 44 | Genotypic response of brachiaria ( <i>Urochloa</i> spp.) to spider mite ( <i>Oligonychus trichardti</i> ) (Acari: Tetranychidae). <i>Journal of Chemical Ecology</i> , 2018, 44, 167-176.  | 3.1 | 7         |
| 45 | Persistence and efficacy of a new formulation based on dog allomonal repellents against <i>Rhipicephalus sanguineus sensu lato</i> tick. <i>Brazilian Journal of Veterinary Parasitology</i> , 2018, 27, 313-318.                      | 0.7 | 0         |
| 46 | Push-Pull Farming System Controls Fall Armyworm: Lessons from Africa. <i>Outlooks on Pest Management</i> , 2018, 29, 220-224.  | 0.2 | 23        |
| 47 | cis-Jasmone Elicits Aphid-Induced Stress Signalling in Potatoes. <i>Journal of Chemical Ecology</i> , 2017, 43, 39-52.   | 1.8 | 44        |
| 48 | A maize landrace that emits defense volatiles in response to herbivore eggs possesses a strongly inducible terpene synthase gene. <i>Ecology and Evolution</i> , 2017, 7, 2835-2845.   | 1.9 | 25        |
| 49 | DIMBOA levels in hexaploid Brazilian wheat are not associated with antibiosis against the cereal aphids <i>Rhopalosiphum padi</i> and <i>Sitobion avenae</i> . <i>Theoretical and Experimental Plant Physiology</i> , 2017, 29, 61-75. | 2.4 | 9         |
| 50 | Drought-tolerant <i>Desmodium</i> species effectively suppress parasitic striga weed and improve cereal grain yields in western Kenya. <i>Crop Protection</i> , 2017, 98, 94-101.  | 2.1 | 43        |
| 51 | Odours of <i>Plasmodium falciparum</i> -infected participants influence mosquito-host interactions. <i>Scientific Reports</i> , 2017, 7, 9283.   | 3.3 | 42        |
| 52 | Searching for wheat resistance to aphids and wheat bulb fly in the historical Watkins and Gediflux wheat collections. <i>Annals of Applied Biology</i> , 2017, 170, 179-188.   | 2.5 | 28        |
| 53 | Insecticidal effects of deltamethrin in laboratory and field populations of <i>Culicoides</i> species: how effective are host-contact reduction methods in India?. <i>Parasites and Vectors</i> , 2017, 10, 54.                        | 2.5 | 7         |
| 54 | Electrophysiological and behavioral responses of female African rice gall midge, <i>Orseolia oryzivora</i> Harris and Gagné, to host plant volatiles. <i>Journal of Chemical Ecology</i> , 2017, 43, 13-16.                            | 1.8 | 8         |

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|----|---|------|-----------|
| 55 | Brown dog tick, <i>Rhipicephalus sanguineus</i> sensu lato, infestation of susceptible dog hosts is reduced by slow release of semiochemicals from a less susceptible host. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 139-145.  | 2.7  | 10        |
| 56 | Disruption of host-seeking behaviour by the salmon louse, <i>Lepeophtheirus salmonis</i> , using botanically derived repellents. <i>Journal of Fish Diseases</i> , 2017, 40, 495-505.   | 1.9  | 6         |
| 57 | Protecting cows in small holder farms in East Africa from tsetse flies by mimicking the odor profile of a non-host bovid. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005977.   | 3.0  | 48        |
| 58 | Michael Elliott CBE. 30 September 1924 – 17 October 2007. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 2016, 62, 109-123.  | 0.1  | 2         |
| 59 | Virus Infection of Plants Alters Pollinator Preference: A Payback for Susceptible Hosts?. <i>PLoS Pathogens</i> , 2016, 12, e1005790.   | 4.7  | 86        |
| 60 | Push-Pull: Chemical Ecology-Based Integrated Pest Management Technology. <i>Journal of Chemical Ecology</i> , 2016, 42, 689-697.  | 1.8  | 84        |
| 61 | Maize Landraces are Less Affected by <i>Striga hermonthica</i> Relative to Hybrids in Western Kenya. <i>Weed Technology</i> , 2016, 30, 21-28.  | 0.9  | 10        |
| 62 | Resistance mutation conserved between insects and mites unravels the benzoylurea insecticide mode of action on chitin biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14692-14697.                                    | 7.1  | 144       |
| 63 | Quantification of brown dog tick repellents, 2-hexanone and benzaldehyde, and release from tick-resistant beagles, <i>Canis lupus familiaris</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1022, 64-69.                 | 2.3  | 9         |
| 64 | The natural plant stress elicitor cis-jasmone causes cultivar-dependent reduction in growth of the stink bug, <i>Euschistus heros</i> and associated changes in flavonoid concentrations in soybean, <i>Glycine max</i> . <i>Phytochemistry</i> , 2016, 131, 84-91.                     | 2.9  | 28        |
| 65 | Revisiting the Male-Produced Aggregation Pheromone of the Lesser Mealworm, <i>Alphitobius diaperinus</i> (Coleoptera, Tenebrionidae): Identification of a Six-Component Pheromone from a Brazilian Population. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6809-6818. | 5.2  | 22        |
| 66 | Responses of the two-spotted oak buprestid, <i>Agrilus biguttatus</i> (Coleoptera: Buprestidae), to host tree volatiles. <i>Pest Management Science</i> , 2016, 72, 845-851.  | 3.4  | 25        |
| 67 | Plant volatile-mediated signalling and its application in agriculture: successes and challenges. <i>New Phytologist</i> , 2016, 212, 856-870.   | 7.3  | 156       |
| 68 | Detection, Identification, and Significance of Phytoplasmas in Wild Grasses in East Africa. <i>Plant Disease</i> , 2016, 100, 108-115.  | 1.4  | 17        |
| 69 | Field evaluation of synthetic aphid sex pheromone in enhancing suppression of aphid abundance by their natural enemies. <i>BioControl</i> , 2016, 61, 485-496.  | 2.0  | 11        |
| 70 | The Significance of Napier Grass Stunt Phytoplasma and Its Transmission to Cereals and Sugarcane. <i>Journal of Phytopathology</i> , 2016, 164, 378-385.  | 1.0  | 10        |
| 71 | Emerging Agricultural Biotechnologies for Sustainable Agriculture and Food Security. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 383-393.   | 5.2  | 59        |
| 72 | Averting a malaria disaster: will insecticide resistance derail malaria control?. <i>Lancet</i> , The, 2016, 387, 1785-1788.  | 13.7 | 366       |

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|----|---|------|-----------|
| 73 | The potential for land sparing to offset greenhouse gas emissions from agriculture. <i>Nature Climate Change</i> , 2016, 6, 488-492.  | 18.8 | 177       |
| 74 | An Indirect Defence Trait Mediated through Egg-Induced Maize Volatiles from Neighbouring Plants. <i>PLoS ONE</i> , 2016, 11, e0158744.  | 2.5  | 17        |
| 75 | Napier grass stunt disease in East Africa: Farmers' perspectives on disease management. <i>Crop Protection</i> , 2015, 71, 116-124.   | 2.1  | 15        |
| 76 | Ecological management of cereal stemborers in African smallholder agriculture through behavioural manipulation. <i>Ecological Entomology</i> , 2015, 40, 70-81.   | 2.2  | 38        |
| 77 | The first crop plant genetically engineered to release an insect pheromone for defence. <i>Scientific Reports</i> , 2015, 5, 11183.   | 3.3  | 133       |
| 78 | Pheromone Bouquet of the Dried Bean Beetle, <i>Acanthoscelides obtectus</i> (Col.: Chrysomelidae), Now Complete. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4843-4846.  | 2.4  | 10        |
| 79 | Heritability of Attractiveness to Mosquitoes. <i>PLoS ONE</i> , 2015, 10, e0122716.   | 2.5  | 46        |
| 80 | Responses of Parasitoids to Volatiles Induced by <i>Chilo partellus</i> Oviposition on Teosinte, a Wild Ancestor of Maize. <i>Journal of Chemical Ecology</i> , 2015, 41, 323-329.  | 1.8  | 41        |
| 81 | Molecular characterization of two isoforms of a farnesyl pyrophosphate synthase gene in wheat and their roles in sesquiterpene synthesis and inducible defence against aphid infestation. <i>New Phytologist</i> , 2015, 206, 1101-1115.              | 7.3  | 26        |
| 82 | Climate-adapted companion cropping increases agricultural productivity in East Africa. <i>Field Crops Research</i> , 2015, 180, 118-125.  | 5.1  | 83        |
| 83 | Identification of non-host semiochemicals for the brown dog tick, <i>Rhipicephalus sanguineus sensu lato</i> (Acari: Ixodidae), from tick-resistant beagles, <i>Canis lupus familiaris</i> . <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 676-682. | 2.7  | 30        |
| 84 | Multiple Roles of a Male-Specific Compound in the Sexual Behavior of the Dried Bean Beetle, <i>Acanthoscelides Obtectus</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 287-293.   | 1.8  | 14        |
| 85 | Novel olfactory ligands via terpene synthases. <i>Chemical Communications</i> , 2015, 51, 7550-7553.  | 4.1  | 37        |
| 86 | Aphid Sex Pheromone Compounds Interfere with Attraction of Common Green Lacewings to Floral Bait. <i>Journal of Chemical Ecology</i> , 2015, 41, 550-556.   | 1.8  | 9         |
| 87 | The biosynthesis of allelopathic di-C-glycosylflavones from the roots of <i>Desmodium incanum</i> (G. Mey.) DC. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11663-11673.  | 2.8  | 7         |
| 88 | A comparison of the levels of hydroxamic acids in <i>Aegilops speltoides</i> and a hexaploid wheat and effects on <i>Rhopalosiphum padi</i> behaviour and fecundity. <i>Acta Biologica Hungarica</i> , 2014, 65, 38-46.                               | 0.7  | 9         |
| 89 | Development of a female attractant for the click beetle pest <i>Agriotes brevis</i> . <i>Pest Management Science</i> , 2014, 70, 610-614.   | 3.4  | 12        |
| 90 | Underground allies: How and why do mycelial networks help plants defend themselves?. <i>BioEssays</i> , 2014, 36, 21-26.  | 2.5  | 29        |

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|-----|---|-----|-----------|
| 91  | Oviposition acceptance and larval development of <i>C. hilo partellus</i> stemborers in drought-stressed wild and cultivated grasses of East Africa. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 151, 209-217.         | 1.4 | 16        |
| 92  | Increasing phosphorus supply is not the mechanism by which arbuscular mycorrhiza increase attractiveness of bean ( <i>Vicia faba</i> ) to aphids. <i>Journal of Experimental Botany</i> , 2014, 65, 5231-5241.                    | 4.8 | 37        |
| 93  | Behaviour and biology of <i>C. hilo partellus</i> on maize landraces. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 153, 170-181.  | 1.4 | 11        |
| 94  | The effect of artificial diet on the production of alarm pheromone by <i>Myzus persicae</i> . <i>Physiological Entomology</i> , 2014, 39, 285-291.  | 1.5 | 9         |
| 95  | Arbuscular mycorrhizal fungi and aphids interact by changing host plant quality and volatile emission. <i>Functional Ecology</i> , 2014, 28, 375-385.   | 3.6 | 103       |
| 96  | Cumulative effects and economic benefits of intercropping maize with food legumes on <i>Striga hermonthica</i> infestation. <i>Field Crops Research</i> , 2014, 155, 144-152.   | 5.1 | 48        |
| 97  | Push-pull farming systems. <i>Current Opinion in Biotechnology</i> , 2014, 26, 125-132.   | 6.6 | 164       |
| 98  | Achieving food security for one million sub-Saharan African poor through push-pull innovation by 2020. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20120284.                       | 4.0 | 203       |
| 99  | Delivering sustainable crop protection systems via the seed: exploiting natural constitutive and inducible defence pathways. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20120281. | 4.0 | 20        |
| 100 | Semiochemistry of the Scarabaeoidea. <i>Journal of Chemical Ecology</i> , 2014, 40, 190-210.  | 1.8 | 24        |
| 101 | Chemical Ecology in the Post Genomics Era. <i>Journal of Chemical Ecology</i> , 2014, 40, 319-319.  | 1.8 | 10        |
| 102 | Prospects of genetic engineering for robust insect resistance. <i>Current Opinion in Plant Biology</i> , 2014, 19, 59-67.   | 7.1 | 48        |
| 103 | Vertebrate pheromones and other semiochemicals: the potential for accommodating complexity in signalling by volatile compounds for vertebrate management. <i>Biochemical Society Transactions</i> , 2014, 42, 846-850.            | 3.4 | 9         |
| 104 | Plant Volatile Analogues Strengthen Attractiveness to Insect. <i>PLoS ONE</i> , 2014, 9, e99142.  | 2.5 | 10        |
| 105 | Behavioral Response of the Lacewing <i>Chrysopa cognata</i> to both <i>Aphis gossypii</i> -induced Plant Volatiles and <i>Chrysopa cognata</i> -derived Volatiles. <i>Korean Journal of Applied Entomology</i> , 2014, 53, 7-13.  | 0.3 | 2         |
| 106 | EXPLOITING CHEMICAL ECOLOGY FOR LIVELIHOOD IMPROVEMENT OF SMALL HOLDER FARMERS IN KENYA. <i>Communications in Agricultural and Applied Biological Sciences</i> , 2014, 79, 265-77.  | 0.0 | 0         |
| 107 | Tracking bed bugs ( <i>Cimex lectularius</i> ): a study of the effect of physiological and extrinsic factors on the response to bed bug-derived volatiles. <i>Journal of Experimental Biology</i> , 2013, 216, 460-9.             | 1.7 | 23        |
| 108 | Red oilseed rape? The potential for manipulation of petal colour in control strategies for the pollen beetle ( <i>Meligethes aeneus</i> ). <i>Arthropod-Plant Interactions</i> , 2013, 7, 249-258.                                | 1.1 | 24        |

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|-----|---|------|-----------|
| 109 | Responses of Herbivore and Predatory Mites to Tomato Plants Exposed to Jasmonic Acid Seed Treatment. <i>Journal of Chemical Ecology</i> , 2013, 39, 1297-1300.  | 1.8  | 35        |
| 110 | The semiochemistry of aphids. <i>Natural Product Reports</i> , 2013, 30, 1277.  | 10.3 | 59        |
| 111 | Underground signals carried through common mycelial networks warn neighbouring plants of aphid attack. <i>Ecology Letters</i> , 2013, 16, 835-843.  | 6.4  | 305       |
| 112 | Effects of mulching, N-fertilization and intercropping with <i>Desmodium uncinatum</i> on <i>Striga hermonthica</i> infestation in maize. <i>Crop Protection</i> , 2013, 44, 44-49.   | 2.1  | 30        |
| 113 | Food security: intensification of agriculture is essential, for which current tools must be defended and new sustainable technologies invented. <i>Food and Energy Security</i> , 2013, 2, 167-173.   | 4.3  | 31        |
| 114 | Priming of Production in Maize of Volatile Organic Defence Compounds by the Natural Plant Activator <i>cis</i> -Jasmone. <i>PLoS ONE</i> , 2013, 8, e62299.   | 2.5  | 32        |
| 115 | Identification and Expression Profiling of Odorant Binding Proteins and Chemosensory Proteins between Two Wingless Morphs and a Winged Morph of the Cotton Aphid <i>Aphis gossypii</i> Glover. <i>PLoS ONE</i> , 2013, 8, e73524.               | 2.5  | 86        |
| 116 | Farmers' knowledge and perceptions of blister beetles, <i>Hycleus</i> spp. (Coleoptera: Meloidae), as pest herbivores of <i>Desmodium</i> legumes in western Kenya. <i>International Journal of Pest Management</i> , 2012, 58, 165-174.        | 1.8  | 9         |
| 117 | The use of Pluronic F-127 to study the development of the potato cyst nematode, <i>Globodera pallida</i> . <i>Nematology</i> , 2012, 14, 869-873.   | 0.6  | 12        |
| 118 | Elucidation of the biosynthesis of the di-C-glycosylflavone isoschaftoside, an allelopathic component from <i>Desmodium</i> spp. that inhibits <i>Striga</i> spp. development. <i>Phytochemistry</i> , 2012, 84, 169-176.                       | 2.9  | 27        |
| 119 | Indirect routes to reproductive success. <i>ELife</i> , 2012, 1, e00240.  | 6.0  | 0         |
| 120 | Identification of Host Kairomones from Maize, <i>Zea mays</i> , for the Maize Weevil, <i>Sitophilus zeamais</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 1402-1409.   | 1.8  | 19        |
| 121 | Aspects of insect chemical ecology: exploitation of reception and detection as tools for deception of pests and beneficial insects. <i>Physiological Entomology</i> , 2012, 37, 2-9.  | 1.5  | 41        |
| 122 | Farmers' perceptions of cotton pests and their management in western Kenya. <i>Crop Protection</i> , 2012, 42, 193-201.   | 2.1  | 53        |
| 123 | Herbivory by a Phloem-Feeding Insect Inhibits Floral Volatile Production. <i>PLoS ONE</i> , 2012, 7, e31971.  | 2.5  | 52        |
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