

Sunday Ekesi

List of Publications by Year in descending order

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257
papers

7,247
citations

61984

43
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102487

66
g-index

262
all docs

262
docs citations

262
times ranked

4084
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional and microbial quality of extruded fish feeds containing black soldier fly (<i>Hermetia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Aquaculture, 2022, 34, 1036-1052.	1.4	4
2	Economic and ecological values of frass fertiliser from black soldier fly agro-industrial waste processing. Journal of Insects As Food and Feed, 2022, 8, 245-254.	3.9	11
3	Temperature-based phenology model of African citrus triozid (<i>Trioza erytrae</i> Del Guercio): Vector of citrus greening disease. Journal of Applied Entomology, 2022, 146, 88-97.	1.8	7
4	Potential distribution of fall armyworm in Africa and beyond, considering climate change and irrigation patterns. Scientific Reports, 2022, 12, 539.	3.3	42
5	Host Plant-Based Artificial Diets Enhance Development, Survival and Fecundity of the Edible Long-Horned Grasshopper <i>Ruspolia differens</i> (Orthoptera: Tettigoniidae). Journal of Insect Science, 2022, 22, .	1.5	3
6	Harnessing data science to improve integrated management of invasive pest species across Africa: An application to Fall armyworm (<i>Spodoptera frugiperda</i>) (J.E. Smith) (Lepidoptera: Noctuidae). Global Ecology and Conservation, 2022, 35, e02056.	2.1	9
7	Insight on Fruit Fly IPM Technology Uptake and Barriers to Scaling in Africa. Sustainability, 2022, 14, 2954.	3.2	15
8	Predicting the habitat suitability of the invasive white mango scale, <i>Aulacaspis tubercularis</i> ; Newstead, 1906 (Hemiptera: Diaspididae) using bioclimatic variables. Pest Management Science, 2022, 78, 4114-4126.	3.4	5
9	Diversity and phylogenetic analysis of endosymbionts from <i>Trioza erytrae</i> (Del Guercio) and its parasitoids in Kenya. Journal of Applied Entomology, 2021, 145, 104-116.	1.8	7
10	Bioecology of false codling moth, <i>Thaumatotibia leucotreta</i> (Meyrick) (Lepidoptera: Tortricidae) within citrus orchards in Kenya and Tanzania. Agricultural and Forest Entomology, 2021, 23, 13-22.	1.3	1
11	Compatibility and efficacy of <i>Metarhizium anisopliae</i> and sex pheromone for controlling <i>Thaumatotibia leucotreta</i> . Journal of Pest Science, 2021, 94, 393-407.	3.7	3
12	Low-cost technology for recycling agro-industrial waste into nutrient-rich organic fertilizer using black soldier fly. Waste Management, 2021, 119, 183-194.	7.4	66
13	Predicting the current and future distribution of the edible long-horned grasshopper <i>Ruspolia differens</i> (Serville) using temperature-dependent phenology models. Journal of Thermal Biology, 2021, 95, 102786.	2.5	12
14	The African citrus triozid <i>Trioza erytrae</i> Del Guercio (Hemiptera: Triozidae): temporal dynamics and susceptibility to entomopathogenic fungi in East Africa. International Journal of Tropical Insect Science, 2021, 41, 563-573.	1.0	7
15	Organic Waste Substrates Induce Important Shifts in Gut Microbiota of Black Soldier Fly (<i>Hermetia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Microbiology, 2021, 12, 635881.	3.5	46
16	Black soldier fly larval meal in feed enhances growth performance, carcass yield and meat quality of finishing pigs. Journal of Insects As Food and Feed, 2021, 7, 433-447.	3.9	28
17	Exploring community knowledge, perception and practices of entomophagy in Kenya. International Journal of Tropical Insect Science, 2021, 41, 2237-2246.	1.0	7
18	Farmers' knowledge and perceptions on fruit flies and willingness to pay for a fruit fly integrated pest management strategy in Gamo Gofa zone, Ethiopia. International Journal of Agricultural Sustainability, 2021, 19, 199-212.	3.5	10

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19	Global Habitat Suitability of <i>Spodoptera frugiperda</i> (JE Smith) (Lepidoptera, Noctuidae): Key Parasitoids Considered for Its Biological Control. <i>Insects</i> , 2021, 12, 273.	2.2	50
20	The complete mitochondrial genomes of <i>Ceratitis rosa</i> and <i>Ceratitis quilicii</i> , members of the <i>Ceratitis</i> FAR species complex (Diptera: Tephritidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1039-1041.	0.4	3
21	Exploring non-host plant-based management strategy with lemongrass, garlic and guava volatiles for the African citrus triozid. <i>Journal of Applied Entomology</i> , 2021, 145, 757-766.	1.8	7
22	Bioecology of fall armyworm <i>Spodoptera frugiperda</i> (J. E. Smith), its management and potential patterns of seasonal spread in Africa. <i>PLoS ONE</i> , 2021, 16, e0249042.	2.5	36
23	Global crop impacts, yield losses and action thresholds for fall armyworm (<i>Spodoptera frugiperda</i>): A review. <i>Crop Protection</i> , 2021, 145, 105641.	2.1	99
24	Effect of spatial arrangement of push-pull companion plants on fall armyworm control and agronomic performance of two maize varieties in Ghana. <i>Crop Protection</i> , 2021, 145, 105612.	2.1	11
25	A deadly encounter: Alien invasive <i>Spodoptera frugiperda</i> in Africa and indigenous natural enemy, <i>Cotesia icipe</i> (Hymenoptera, Braconidae). <i>PLoS ONE</i> , 2021, 16, e0253122.	2.5	16
26	Eco-climatic matching to guide foreign exploration and optimal release strategies for biological control agents of <i>Rastrococcus iceryoides</i> in Africa and Asia. <i>Biological Control</i> , 2021, 158, 104603.	3.0	3
27	A Molecular Survey of Bacterial Species in the Guts of Black Soldier Fly Larvae (<i>Hermetia illucens</i>) Reared on Two Urban Organic Waste Streams in Kenya. <i>Frontiers in Microbiology</i> , 2021, 12, 687103.	3.5	4
28	Global overview of locusts as food, feed and other uses. <i>Global Food Security</i> , 2021, 31, 100574.	8.1	25
29	A system dynamics model for pests and natural enemies interactions. <i>Scientific Reports</i> , 2021, 11, 1401.	3.3	18
30	Edible insect farming as an emerging and profitable enterprise in East Africa. <i>Current Opinion in Insect Science</i> , 2021, 48, 64-71.	4.4	44
31	Chemical additives enhance the activity of a Bt-based biopesticide targeting the beet webworm larvae. <i>Journal of Applied Entomology</i> , 2020, 144, 26-32.	1.8	0
32	<i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> : Pathogenicity, Horizontal Transmission, and Their Effects on Reproductive Potential of <i>Thaumatotibia leucotreta</i> (Lepidoptera: Tortricidae). <i>Journal of Economic Entomology</i> , 2020, 113, 660-668.	1.8	25
33	Efficiency of Food-Based Attractants for Monitoring Tephritid Fruit Flies Diversity and Abundance in Mango Systems Across Three West African Agro-Ecological Zones. <i>Journal of Economic Entomology</i> , 2020, 113, 860-871.	1.8	9
34	First Report of <i>Candidatus Liberibacter africanus</i> ™ Associated with Citrus Greening Disease in Nigeria. <i>Plant Disease</i> , 2020, 104, 1535-1535.	1.4	3
35	Optimizing spatial positioning of traps in the context of integrated pest management. <i>Ecological Complexity</i> , 2020, 41, 100808.	2.9	7
36	Biopesticide Research and Product Development in Africa for Sustainable Agriculture and Food Security – Experiences From the International Centre of Insect Physiology and Ecology (icipe). <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	3.9	46

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37	Nitrogen Fertilizer Equivalence of Black Soldier Fly Frass Fertilizer and Synchrony of Nitrogen Mineralization for Maize Production. <i>Agronomy</i> , 2020, 10, 1395.	3.0	39
38	Exploring Black Soldier Fly Frass as Novel Fertilizer for Improved Growth, Yield, and Nitrogen Use Efficiency of Maize Under Field Conditions. <i>Frontiers in Plant Science</i> , 2020, 11, 574592.	3.6	60
39	Combining insect pathogenic fungi and a pheromone trap for sustainable management of the fall armyworm, <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>Journal of Invertebrate Pathology</i> , 2020, 177, 107477.	3.2	16
40	Entomopathogenic Fungi as Endophytes for Biological Control of Subterranean Termite Pests Attacking Cocoa Seedlings. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 126.	3.5	16
41	Identification of Edible Short- and Long-Horned Grasshoppers and Their Host Plants in East Africa. <i>Journal of Economic Entomology</i> , 2020, 113, 2150-2162.	1.8	8
42	Interactions between Two Parasitoids of Tephritidae: <i>Diachasmimorpha longicaudata</i> (Ashmead) and <i>Psyttalia cosyrae</i> (Wilkinson) (Hymenoptera: Braconidae), under Laboratory Conditions. <i>Insects</i> , 2020, 11, 671.	2.2	11
43	Biochar and gypsum amendment of agro-industrial waste for enhanced black soldier fly larval biomass and quality frass fertilizer. <i>PLoS ONE</i> , 2020, 15, e0238154.	2.5	31
44	Entomopathogenic fungus isolates for adult <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) management and their compatibility with <i>Tuta</i> pheromone. <i>Journal of Applied Entomology</i> , 2020, 144, 777-787.	1.8	16
45	Influence of inoculated gut bacteria on the development of <i>Bactrocera dorsalis</i> and on its susceptibility to the entomopathogenic fungus, <i>Metarhizium anisopliae</i> . <i>BMC Microbiology</i> , 2020, 20, 321.	3.3	8
46	Integrated Management of <i>Aphis craccivora</i> in Cowpea Using Intercropping and Entomopathogenic Fungi under Field Conditions. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 60.	3.5	10
47	Nutritional composition of black soldier fly larvae feeding on agro-industrial by-products. <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 472-481.	1.4	68
48	Detection of Asian Citrus Psyllid (Hemiptera: Psyllidae) in Ethiopia: A New Haplotype and its Implication to the Proliferation of Huanglongbing. <i>Journal of Economic Entomology</i> , 2020, 113, 1640-1647.	1.8	19
49	Effects of Traditional Processing Techniques on the Nutritional and Microbiological Quality of Four Edible Insect Species Used for Food and Feed in East Africa. <i>Foods</i> , 2020, 9, 574.	4.3	73
50	Habitat suitability and distribution potential of <i>Liberibacter</i> species (<i>Candidatus Liberibacter</i> Tj ETQq0 0 0 rgBT /Overlock 10 greening disease. <i>Diversity and Distributions</i> , 2020, 26, 575-588.	4.1	23
51	Temporal Population Patterns of Oriental Fruit Flies and False Codling Moths within Small-holder Avocado Orchards in Southeastern Kenya and Northeastern Tanzania. <i>International Journal of Fruit Science</i> , 2020, 20, S542-S556.	2.4	2
52	Smallholder farmers' knowledge and willingness to pay for insect-based feeds in Kenya. <i>PLoS ONE</i> , 2020, 15, e0230552.	2.5	44
53	Characterization and risk assessment of the invasive papaya mealybug, <i>Paracoccus marginatus</i> , in Kenya under changing climate. <i>Journal of Applied Entomology</i> , 2020, 144, 442-458.	1.8	9
54	Distribution of <i>Candidatus Liberibacter</i> species in Eastern Africa, and the First Report of <i>Candidatus Liberibacter asiaticus</i> in Kenya. <i>Scientific Reports</i> , 2020, 10, 3919.	3.3	29

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55	Insights in the Global Genetics and Gut Microbiome of Black Soldier Fly, <i>Hermetia illucens</i> : Implications for Animal Feed Safety Control. <i>Frontiers in Microbiology</i> , 2020, 11, 1538.	3.5	34
56	Potential Adoption of Integrated Pest Management Strategy for Suppression of Mango Fruit Flies in East Africa: An Ex Ante and Ex Post Analysis in Ethiopia and Kenya. <i>Agriculture (Switzerland)</i> , 2020, 10, 278.	3.1	16
57	Microbiome diversity in <i>Diaphorina citri</i> populations from Kenya and Tanzania shows links to China. <i>PLoS ONE</i> , 2020, 15, e0235348.	2.5	9
58	Detection and monitoring of <i>Candidatus Liberibacter</i> spp. vectors: African citrus triozid <i>Trioza erytreae</i> Del Guercio (Hemiptera: Triozidae) and Asian citrus psyllid <i>Diaphorina citri</i> Kuwayama (Hemiptera: Liviidae) in citrus groves in East Africa. <i>Agricultural and Forest Entomology</i> , 2020, 22, 401-409.	1.3	7
59	Distribution, relative abundance, and level of infestation of the invasive peach fruit fly <i>Bactrocera zonata</i> (Saunders) (Diptera: Tephritidae) and its associated natural enemies in Sudan. <i>Phytoparasitica</i> , 2020, 48, 589-605.	1.2	12
60	Host Range and Effects of Plant Species on Preference and Fitness of <i>Tuta absoluta</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	11
61	Temperature-dependent development, survival and reproduction of <i>Apanteles hemara</i> (Nixon) (Hymenoptera: Braconidae) on <i>Spoladea recurvalis</i> (F.) (Lepidoptera: Crambidae). <i>Bulletin of Entomological Research</i> , 2020, 110, 577-587.	1.0	4
62	Host stage preference and performance of <i>Dolichogenidea gelechiidivoris</i> (Hymenoptera: Braconidae), a candidate for classical biological control of <i>Tuta absoluta</i> in Africa. <i>Biological Control</i> , 2020, 144, 104215.	3.0	27
63	Decision Support System for Fitting and Mapping Nonlinear Functions with Application to Insect Pest Management in the Biological Control Context. <i>Algorithms</i> , 2020, 13, 104.	2.1	5
64	Gendered analysis of the demand for poultry feed in Kenya. <i>Agrekon</i> , 2020, 59, 426-439.	1.3	3
65	Endophytic fungi protect tomato and nightshade plants against <i>Tuta absoluta</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.3	23
66	Global risk of invasion by <i>Bactrocera zonata</i> : Implications on horticultural crop production under changing climatic conditions. <i>PLoS ONE</i> , 2020, 15, e0243047.	2.5	28
67	Changes in chemical and microbiological quality of semi-processed black soldier fly (<i>Hermetia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.9	4
68	Diversity of fall armyworm, <i>Spodoptera frugiperda</i> and their gut bacterial community in Kenya. <i>PeerJ</i> , 2020, 8, e8701.	2.0	38
69	Semiochemical-Baited Autodissemination Device for Managing BFT on Cowpea. <i>Sustainability in Plant and Crop Protection</i> , 2020, , 253-266.	0.4	0
70	Size and shape analysis of <i>Trioza erytreae</i> Del Guercio (Hemiptera: Triozidae), vector of citrus huanglongbing disease. <i>Pest Management Science</i> , 2019, 75, 760-771.	3.4	15
71	The South America Tomato Leafminer, <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae), Spreads Its Wings in Eastern Africa: Distribution and Socioeconomic Impacts. <i>Journal of Economic Entomology</i> , 2019, 112, 2797-2807.	1.8	17
72	The role of <i>Tetrastichus giffardianus</i> Silvestri (Eulophidae: Hymenoptera) in natural control of <i>Bactrocera zonata</i> (Saunders) (Tephritidae: Diptera) and its temporal abundance in Sudan. <i>EPPO Bulletin</i> , 2019, 49, 359-363.	0.8	1

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73	Efficacy of aqueous and oil formulations of a specific <i>Metarhizium anisopliae</i> isolate against <i>Aphis craccivora</i> Koch, 1854 (Hemiptera: Aphididae) under field conditions. <i>Journal of Applied Entomology</i> , 2019, 143, 1182-1192.	1.8	6
74	Testing a co-formulation of CO ₂ -releasing material with an entomopathogenic fungus for the management of subterranean termite pests. <i>Mycological Progress</i> , 2019, 18, 1201-1211.	1.4	6
75	Effect of Dietary Replacement of Fishmeal by Insect Meal on Growth Performance, Blood Profiles and Economics of Growing Pigs in Kenya. <i>Animals</i> , 2019, 9, 705.	2.3	55
76	Integrating temperature-dependent life table data into Insect Life Cycle Model for predicting the potential distribution of <i>Scapsipedus icipe</i> Hugel & Tanga. <i>PLoS ONE</i> , 2019, 14, e0222941.	2.5	12
77	Performance of Newly Described Native Edible Cricket <i>Scapsipedus icipe</i> (Orthoptera: Gryllidae) on Various Diets of Relevance for Farming. <i>Journal of Economic Entomology</i> , 2019, 112, 653-664.	1.8	20
78	Cross-correlation analysis of invasive mango mealybug and its associated natural enemies in relation to meteorological factors: implications for biological control. <i>Biocontrol Science and Technology</i> , 2019, 29, 325-349.	1.3	1
79	Effects of Host Age and Density on the Performance of <i>Apanteles hemara</i> (Hymenoptera: Braconidae), a Larval Endoparasitoid of <i>Spoladea recurvalis</i> (Lepidoptera: Crambidae). <i>Journal of Economic Entomology</i> , 2019, 112, 2131-2141.	1.8	1
80	African Citrus Greening Disease in East Africa: Incidence, Severity, and Distribution Patterns. <i>Journal of Economic Entomology</i> , 2019, 112, 2389-2397.	1.8	12
81	Unexpected Diversity of <i>Wolbachia</i> Associated with <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) in Africa. <i>Insects</i> , 2019, 10, 155.	2.2	5
82	Distribution, degree of damage and risk of spread of <i>Trioza erytreae</i> (Hemiptera: Triozidae) in Kenya. <i>Journal of Applied Entomology</i> , 2019, 143, 822-833.	1.8	13
83	Biopesticide based sustainable pest management for safer production of vegetable legumes and brassicas in Asia and Africa. <i>Pest Management Science</i> , 2019, 75, 2446-2454.	3.4	42
84	Influence of Temperature on Selected Life-History Traits of Black Soldier Fly (<i>Hermetia illucens</i>) Reared on Two Common Urban Organic Waste Streams in Kenya. <i>Animals</i> , 2019, 9, 79.	2.3	43
85	Economic analysis of spillover effects of an integrated pest management (IPM) strategy for suppression of mango fruit fly in Kenya. <i>Food Policy</i> , 2019, 84, 121-132.	6.0	17
86	Characterization of Male-Produced Aggregation Pheromone of the Bean Flower Thrips <i>Megalurothrips sjostedti</i> (Thysanoptera: Thripidae). <i>Journal of Chemical Ecology</i> , 2019, 45, 348-355.	1.8	21
87	Field and Laboratory Performance of False Codling Moth, <i>Thaumatotibia leucotreta</i> (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2019, 143, 626-634.	1.8	68
88	Horizontal transmission of <i>Metarhizium anisopliae</i> between <i>Spoladea recurvalis</i> (Lepidoptera: Tortricidae). <i>Pathogenesis</i> , 2019, 131, 197-204.	2.9	13
89	Ovicidal effects of entomopathogenic fungal isolates on the invasive Fall armyworm <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>Journal of Applied Entomology</i> , 2019, 143, 626-634.	1.8	68
90	Species-specific transcriptional profiles of the gut and gut microbiome of <i>Ceratitis quilicii</i> and <i>Ceratitis rosa sensu stricto</i> . <i>Scientific Reports</i> , 2019, 9, 18355.	3.3	2

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91	Lemon Terpenes Influence Behavior of the African Citrus Triozid <i>Trioza erytraea</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67)	1.8	11
92	Infestation Levels and Molecular Identification Based on Mitochondrial COI Barcode Region of Five Invasive Gelechiidae Pest Species in Kenya. <i>Journal of Economic Entomology</i> , 2019, 112, 872-882.	1.8	4
93	Optimization of extruder cooking conditions for the manufacture of fish feeds using response surface methodology. <i>Journal of Food Process Engineering</i> , 2019, 42, e12980.	2.9	5
94	The Effects of Pest-Resistant Amaranth Accessions on the Performance of the Solitary Endoparasitoid <i>Apanteles hemara</i> (Hymenoptera: Braconidae) Against the Amaranth Leaf-Webber <i>Spoladea recurvalis</i> (Lepidoptera: Crambidae). <i>Environmental Entomology</i> , 2019, 48, 163-172.	1.4	2
95	Do Farmers and the Environment Benefit from Adopting Integrated Pest Management Practices? Evidence from Kenya. <i>Journal of Agricultural Economics</i> , 2019, 70, 452-470.	3.5	88
96	Host suitability and feeding preference of the African citrus triozid <i>Trioza erytraea</i> Del Guercio (Hemiptera: Triozidae), natural vector of <i>Candidatus Liberibacter africanus</i> . <i>Journal of Applied Entomology</i> , 2019, 143, 262-270.	1.8	13
97	The potential of novel African isolates of <i>Phthorimaea operculella granulovirus</i> for the control of <i>Tuta absoluta</i> . <i>Journal of Applied Entomology</i> , 2019, 143, 11-20.	1.8	7
98	First Report of Field Population of <i>Trioza erytraea</i> Carrying the Huanglongbing-Associated Pathogen, <i>Candidatus Liberibacter asiaticus</i> , in Ethiopia. <i>Plant Disease</i> , 2019, 103, 1766-1766.	1.4	26
99	Impact of processing methods on microbial load of reared and wild-caught edible crickets (<i>Scapsipedus icipe</i> and <i>Gryllus bimaculatus</i>) in Kenya. <i>Journal of Insects As Food and Feed</i> , 2019, 5, 171-183.	3.9	11
100	Morphometric Comparisons of Citrus Rust Mite, <i>Phyllocoptruta oleivora</i> (Ashmead)1, Populations in Texas and Kenya. <i>Southwestern Entomologist</i> , 2019, 44, 607.	0.2	0
101	Minerals content of extruded fish feeds containing cricket (<i>Acheta domesticus</i>) and black soldier fly larvae (<i>Hermetia illucens</i>) fractions. <i>International Aquatic Research</i> , 2018, 10, 101-113.	1.5	20
102	Interaction Between <i>Chrysocharis flacilla</i> and <i>Diglyphus isaea</i> (Hymenoptera: Eulophidae), Two Parasitoids of <i>Liriomyza</i> Leafminers. <i>Journal of Economic Entomology</i> , 2018, 111, 556-563.	1.8	4
103	Interaction Between Two Leafminer Parasitoids, <i>Halticoptera arduine</i> (Hymenoptera: Pteromalidae) and <i>Diglyphus isaea</i> (Hymenoptera: Eulophidae), in the Management of <i>Liriomyza huidobrensis</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67)	1.8	4
104	Effects of Entomopathogenic fungi and <i>Bacillus thuringiensis</i> -based biopesticides on <i>Spoladea recurvalis</i> (Lepidoptera: Crambidae). <i>Journal of Applied Entomology</i> , 2018, 142, 617-626.	1.8	30
105	Soil-dwelling insect pests of tree crops in Sub-Saharan Africa, problems and management strategies: A review. <i>Journal of Applied Entomology</i> , 2018, 142, 539-552.	1.8	12
106	Performance of the newly identified endoparasitoid <i>Cotesia icipe</i> Fernandez-Triana & Fiaboe on <i>Spodoptera littoralis</i> (Boisduval). <i>Journal of Applied Entomology</i> , 2018, 142, 646-653.	1.8	9
107	Moisture adsorption properties and shelf-life estimation of dried and pulverised edible house cricket <i>Acheta domesticus</i> (L.) and black soldier fly larvae <i>Hermetia illucens</i> (L.). <i>Food Research International</i> , 2018, 106, 420-427.	6.2	46
108	Physico-chemical properties of extruded aquafeed pellets containing black soldier fly (<i>Hermetia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 2018, 4, 19-30.	3.9	39

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109	Endophytic Colonization of Onions Induces Resistance Against Viruliferous Thrips and Virus Replication. <i>Frontiers in Plant Science</i> , 2018, 9, 1785.	3.6	27
110	Importance of Remotely-Sensed Vegetation Variables for Predicting the Spatial Distribution of African Citrus Trioza (<i>Trioza erytreae</i>) in Kenya. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 429.	2.9	23
111	Consequences of shade management on the taxonomic patterns and functional diversity of termites (Blattodea: Termitidae) in cocoa agroforestry systems. <i>Ecology and Evolution</i> , 2018, 8, 11582-11595.	1.9	16
112	Screening for resistance against major lepidopteran and stem weevil pests of amaranth in Tanzania. <i>Euphytica</i> , 2018, 214, 1.	1.2	7
113	Threshold temperatures and thermal requirements of black soldier fly <i>Hermetia illucens</i> : Implications for mass production. <i>PLoS ONE</i> , 2018, 13, e0206097.	2.5	94
114	Composition, Host Range and Host Suitability of Vegetable-Infesting Tephritids on Cucurbits Cultivated in Kenya. <i>African Entomology</i> , 2018, 26, 379-397.	0.6	14
115	Genetic Diversity of Aphid (Hemiptera: Aphididae) Species Attacking Amaranth and Nightshades in Different Agro-Ecological Zones of Kenya and Tanzania. <i>African Entomology</i> , 2018, 26, 407-421.	0.6	1
116	Identification of Glutamic Acid as a Host Marking Pheromone of the African Fruit Fly Species <i>Ceratitis rosa</i> (Diptera: Tephritidae). <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9933-9941.	5.2	5
117	Expression of Resistance in <i>Amaranthus</i> spp. (Caryophyllales: Amaranthaceae): Effects of Selected Accessions on the Behaviour and Biology of the Amaranth Leaf-Webber, <i>Spoladea recurvalis</i> (Lepidoptera: Crambidae). <i>Insects</i> , 2018, 9, 62.	2.2	6
118	Evaluation of the Entomopathogenic Fungi <i>Metarhizium anisopliae</i> , <i>Beauveria bassiana</i> and <i>Isaria</i> sp. for the Management of <i>Aphis craccivora</i> (Hemiptera: Aphididae). <i>Journal of Economic Entomology</i> , 2018, 111, 1587-1594.	1.8	29
119	Acceptability and suitability of <i>Spodoptera exigua</i> (Hübner) for <i>Cotesia icipe</i> Fernandez-Triana & Fiaboe on amaranth. <i>Journal of Applied Entomology</i> , 2018, 142, 716-724.	1.8	4
120	Biology and performance of two indigenous larval parasitoids on <i>Tuta absoluta</i> (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2018, 142, 716-724.	1.3	19
121	Acceptability and Suitability of Three <i>Liriomyza</i> Leafminer Species as Host for the Endoparasitoid <i>Chrysocharis flacilla</i> (Hymenoptera: Eulophidae). <i>Journal of Economic Entomology</i> , 2018, 111, 1137-1143.	1.8	3
122	Spatial Distribution of <i>Bactrocera dorsalis</i> and <i>Thaumatotibia leucotreta</i> in Smallholder Avocado Orchards along Altitudinal Gradient of Taita Hills and Mount Kilimanjaro. <i>Insects</i> , 2018, 9, 71.	2.2	12
123	Insects for Income Generation Through Animal Feed: Effect of Dietary Replacement of Soybean and Fish Meal With Black Soldier Fly Meal on Broiler Growth and Economic Performance. <i>Journal of Economic Entomology</i> , 2018, 111, 1966-1973.	1.8	112
124	Temperature-Dependent Growth and Virulence, and Mass Production Potential of Two Candidate Isolates of <i>Metarhizium anisopliae</i> (Metschnikoff) Sorokin for Managing <i>Maruca vitrata</i> Fabricius (Lepidoptera: Crambidae) on Cowpea. <i>African Entomology</i> , 2018, 26, 73-83.	0.6	15
125	Acceptability and Suitability of Three <i>Liriomyza</i> Species as Host for the Endoparasitoid <i>Halticoptera arduine</i> (Hymenoptera: Pteromalidae). <i>Environmental Entomology</i> , 2018, 47, 684-691.	1.4	3
126	Risk assessment and spread of the potentially invasive <i>Ceratitis rosa</i> Karsch and <i>Ceratitis quilicii</i> De Meyer, Mwatawala & Virgilio sp. Nov. using life-cycle simulation models: Implications for phytosanitary measures and management. <i>PLoS ONE</i> , 2018, 13, e0189138.	2.5	19

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128	Effects of waste stream combinations from brewing industry on performance of Black Soldier Fly, <i>Hermetia illucens</i> (Diptera: Stratiomyidae). <i>PeerJ</i> , 2018, 6, e5885.	2.0	55
129	Edible insect value chains in Africa. <i>Journal of Insects As Food and Feed</i> , 2018, 4, 199-201.	3.9	8
130	Selection of fungal isolates for virulence against three aphid pest species of crucifers and okra. <i>Journal of Pest Science</i> , 2017, 90, 355-368.	3.7	28
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132	Non-host status of papaya cultivars to the oriental fruit fly, <i>Bactrocera dorsalis</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (Science, 2017, 37, 19-29.	1.0	3
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140	Performance of <i>Apanteles hemara</i> (Hymenoptera: Braconidae) on two Amaranth Leaf-webbers: <i>Spoladea recurvalis</i> and <i>Udea ferrugalis</i> (Lepidoptera: Crambidae). <i>Environmental Entomology</i> , 2017, 46, 1284-1291.	1.4	10
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143	Postâ€harvest disinfestation of <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae) in mango using hotâ€water treatments. <i>Journal of Applied Entomology</i> , 2017, 141, 848-859.	1.8	11
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177	Comparative analysis of development and survival of two Natal fruit fly <i>Ceratitis rosa</i> Karsch (Diptera, Tephritidae) populations from Kenya and South Africa. <i>ZooKeys</i> , 2015, 540, 467-487.	1.1	22
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232	Effect of soil temperature and moisture on survival and infectivity of <i>Metarhizium anisopliae</i> to four tephritid fruit fly puparia. <i>Journal of Invertebrate Pathology</i> , 2003, 83, 157-167.	3.2	62
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257	Oviposition responses of <i>Bactrocera dorsalis</i> and <i>Ceratitis cosyra</i> to Dufour's and poison gland extracts of <i>Oecophylla longinoda</i> (Hymenoptera: Formicidae). <i>International Journal of Tropical Insect Science</i> , 0, , 1.	1.0	0