

Komi K M Fiaboe

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,564
citations

394421

19
h-index

345221

36
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68
all docs

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docs citations

68
times ranked

1261
citing authors

#	ARTICLE	IF	CITATIONS
1	The nutritive value of black soldier fly larvae reared on common organic waste streams in Kenya. <i>Scientific Reports</i> , 2019, 9, 10110.	3.3	185
2	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
3	Postharvest processes of edible insects in Africa: A review of processing methods, and the implications for nutrition, safety and new products development. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 276-298.	10.3	76
4	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
5	Modelling the potential distribution of the invasive tomato red spider mite, <i>Tetranychus evansi</i> (Acari: Tj ETQq1 1 0.784314 ggBT /Over 1.6 68		
6	Low-cost technology for recycling agro-industrial waste into nutrient-rich organic fertilizer using black soldier fly. <i>Waste Management</i> , 2021, 119, 183-194.	7.4	66
7	Edible Crickets (Orthoptera) Around the World: Distribution, Nutritional Value, and Other Benefits—A Review. <i>Frontiers in Nutrition</i> , 2020, 7, 537915.	3.7	65
8	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
9	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
10	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
11	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
12	Genome of the African cassava whitefly <i>Bemisia tabaci</i> and distribution and genetic diversity of cassava-colonizing whiteflies in Africa. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 110, 112-120.	2.7	47
13	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
14	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
15	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
16	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
17	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
18	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

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19	Nutritional Characteristics of Selected Insects in Uganda for Use as Alternative Protein Sources in Food and Feed. <i>Journal of Insect Science</i> , 2019, 19, .	1.5	23
20	Bionomics of the acarophagous ladybird beetle <i>Stethorus tridens</i> fed <i>Tetranychus evansi</i> . <i>Journal of Applied Entomology</i> , 2007, 131, 355-361.	1.8	20
21	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
22	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
23	Species Composition, Distribution, and Seasonal Abundance of <i>Liriomyza</i> Leafminers (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Environmental Entomology, 2015, 44, 223-232.	1.4	18
24	Repellent activity of <i>Cymbopogon citratus</i> and <i>Tagetes minuta</i> and their specific volatiles against <i>Megalurothrips sjostedti</i> . <i>Journal of Applied Entomology</i> , 2019, 143, 855-866.	1.8	18
25	Natural Enemies of Fall Armyworm <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in Different Agro-Ecologies. <i>Insects</i> , 2021, 12, 509.	2.2	18
26	Differential Effects of Pesticide Applications on <i>Liriomyza huidobrensis</i> (Diptera: Agromyzidae) and its Parasitoids on Pea in Central Kenya. <i>Journal of Economic Entomology</i> , 2015, 108, 662-671.	1.8	17
27	A new edible cricket species from Africa of the genus <i>Scapsipedus</i> . <i>Zootaxa</i> , 2018, 4486, 393-392.	0.5	17
28	New cassava germplasm for food and nutritional security in Central Africa. <i>Scientific Reports</i> , 2021, 11, 7394.	3.3	16
29	<i>Liriomyza</i> Leafminer (Diptera: Agromyzidae) Parasitoid Complex in Different Agroecological Zones, Seasons, and Host Plants in Kenya. <i>Environmental Entomology</i> , 2016, 45, 357-366.	1.4	15
30	Nitrogen leaching losses and balances in conventional and organic farming systems in Kenya. <i>Nutrient Cycling in Agroecosystems</i> , 2019, 114, 237-260.	2.2	15
31	Nitrogen release and synchrony in organic and conventional farming systems of the Central Highlands of Kenya. <i>Nutrient Cycling in Agroecosystems</i> , 2019, 113, 283-305.	2.2	14
32	Horizontal transmission of <i>Metarhizium anisopliae</i> between <i>Spoladea recurvalis</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Pathogenesis, 2019, 131, 197-204.	2.9	13
33	Temperature-based phenology model to predict the development, survival, and reproduction of the oriental fruit fly <i>Bactrocera dorsalis</i> . <i>Journal of Thermal Biology</i> , 2021, 97, 102877.	2.5	13
34	Interactions between <i>Phaenotoma scabriventris</i> Nixon (Hymenoptera: Braconidae) and <i>Diglyphus isaea</i> Walker (Hymenoptera: Eulophidae), parasitoids of <i>Liriomyza huidobrensis</i> (Blanchard) (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227	2.9	13
35	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
36	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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37	Fruit Preference, Parasitism, and Offspring Fitness of <i>Fopius arisanus</i> (Hymenoptera: Braconidae) Exposed to <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) Infested Fruit Species. <i>Environmental Entomology</i> , 2019, 48, 1286-1296.	1.4	10
38	Integrated Management of <i>Aphis craccivora</i> in Cowpea Using Intercropping and Entomopathogenic Fungi under Field Conditions. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 60.	3.5	10
39	Musa Germplasm A and B Genomic Composition Differentially Affects Their Susceptibility to Banana Bunchy Top Virus and Its Aphid Vector, <i>Pentalonia nigronervosa</i> . <i>Plants</i> , 2022, 11, 1206.	3.5	10
40	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
41	Behavioural responses of bean flower thrips (<i>Megalurothrips sjostedti</i>) to vegetative and floral volatiles from different cowpea cultivars. <i>Chemoecology</i> , 2019, 29, 73-88.	1.1	9
42	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
43	Spatio-temporal partitioning and sharing of parasitoids by fall armyworm and maize stemborers in Cameroon. <i>Journal of Applied Entomology</i> , 2021, 145, 55-64.	1.8	8
44	Screening for resistance against major lepidopteran and stem weevil pests of amaranth in Tanzania. <i>Euphytica</i> , 2018, 214, 1.	1.2	7
45	Status of the regulatory environment for utilization of insects as food and feed in Sub-Saharan Africa-a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1269-1278.	10.3	7
46	Seasonal occurrence of amaranth Lepidopteran defoliators and effect of attractants and amaranth lines in their management. <i>Journal of Applied Entomology</i> , 2018, 142, 637-645.	1.8	6
47	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
48	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
49	Termite-Induced Injuries to Maize and Baby Corn under Organic and Conventional Farming Systems in the Central Highlands of Kenya. <i>Insects</i> , 2019, 10, 367.	2.2	5
50	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
51	Temperature-dependent phenology of the parasitoid <i>Fopius arisanus</i> on the host <i>Bactrocera dorsalis</i> . <i>Journal of Thermal Biology</i> , 2021, 100, 103031.	2.5	5
52	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
53	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
54	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

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55	Managing Phosphate Rock to Improve Nutrient Uptake, Phosphorus Use Efficiency, and Carrot Yields. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1350-1365.	3.4	4
56	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
57	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
58	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
59	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 /Overlo	1.8	1
60	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
61	Chemical additives enhance the activity of a Bt ϵ -based biopesticide targeting the beet webworm larvae. <i>Journal of Applied Entomology</i> , 2020, 144, 26-32.	1.8	0
62	Title is missing!. , 2020, 15, e0236574.		0
63	Title is missing!. , 2020, 15, e0236574.		0
64	Title is missing!. , 2020, 15, e0236574.		0
65	Title is missing!. , 2020, 15, e0236574.		0
66	Title is missing!. , 2020, 15, e0236574.		0
67	Title is missing!. , 2020, 15, e0236574.		0