

# Abdullahi Ahmed Yusuf

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

902  
citations

516215

16  
h-index

610482

24  
g-index

76  
all docs

76  
docs citations

76  
times ranked

933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Honeybee health in Africaâ€™a review. <i>Apidologie</i> , 2016, 47, 276-300.	0.9	77
2	Spatial demography of <i>Calanus finmarchicus</i> in the Irminger Sea. <i>Progress in Oceanography</i> , 2008, 76, 39-88.	1.5	47
3	Prediction of insect pest distribution as influenced by elevation: Combining field observations and temperature-dependent development models for the coffee stink bug, <i>Antestiopsis thunbergii</i> (Gmelin). <i>PLoS ONE</i> , 2018, 13, e0199569.	1.1	41
4	Hygienic and grooming behaviors in African and European honeybeesâ€™New damage categories in <i>Varroa destructor</i> . <i>PLoS ONE</i> , 2017, 12, e0179329.	1.1	38
5	In-situ upgrading of Omani heavy oil with catalyst and hydrogen donor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 121, 102-112.	2.6	35
6	Exploring the Kairomone-Based Foraging Behaviour of Natural Enemies to Enhance Biological Control: A Review. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	33
7	Nestmate Recognition and the Role of Cuticular Hydrocarbons in the African Termite Raiding Ant <i>Pachycondyla analis</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 441-448.	0.9	28
8	Terpenes from herbivoreâ€™induced tomato plant volatiles attract <i>Nesidiocoris tenuis</i> (Hemiptera: Miridae), a predator of major tomato pests. <i>Pest Management Science</i> , 2021, 77, 5255-5267.	1.7	28
9	Microencapsulation of eucalyptol in polyethylene glycol and polycaprolactone using particles from gas-saturated solutions. <i>RSC Advances</i> , 2019, 9, 34039-34049.	1.7	25
10	Low fertility, fecundity and numbers of mated female offspring explain the lower reproductive success of the parasitic mite <i>Varroa destructor</i> in African honeybees. <i>Parasitology</i> , 2018, 145, 1633-1639.	0.7	24
11	Endophytic fungi protect tomato and nightshade plants against <i>Tuta absoluta</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1	1.8	23
12	Mandibular gland pheromone contents in workers and queens of <i>Apis mellifera adansonii</i> . <i>Apidologie</i> , 2015, 46, 559-572.	0.9	22
13	Upgrading of Omani heavy oil with bimetallic amphiphilic catalysts. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 67, 45-53.	2.7	22
14	Zebra skin odor repels the savannah tsetse fly, <i>Glossina pallidipes</i> (Diptera: Glossinidae). <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007460.	1.3	21
15	Effects of age and Reproductive Status on Tergal Gland Secretions in Queenless Honey bee Workers, <i>Apis mellifera scutellata</i> and <i>A. m. capensis</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 896-903.	0.9	20
16	Prey choice and raiding behaviour of the Ponerine ant <i>Pachycondyla analis</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	0.2	18
17	<i>Calpurnia aurea</i> (Aiton) Benth Extracts Reduce Quorum Sensing Controlled Virulence Factors in <i>Pseudomonas aeruginosa</i> . <i>Molecules</i> , 2020, 25, 2283.	1.7	18
18	CO2-assisted production of polyethylene glycol / lauric acid microparticles for extended release of <i>Citrus aurantifolia</i> essential oil. <i>Journal of CO2 Utilization</i> , 2020, 38, 375-384.	3.3	16

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19	Nutrient Contents of Pride of Barbados ( <i>Caesalpinia pulcherrima</i> Linn.) Seeds. <i>Pakistan Journal of Nutrition</i> , 2007, 6, 117-121.	0.2	15
20	Glandular sources of pheromones used to control host workers ( <i>Apis mellifera scutellata</i> ) by socially parasitic workers of <i>Apis mellifera capensis</i> . <i>Journal of Insect Physiology</i> , 2017, 102, 42-49.	0.9	14
21	Legislation and legal frame work for sustainable edible insects use in Nigeria. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2201-2209.	0.4	14
22	The Role of <i>Trialeurodes vaporariorum</i> -Infested Tomato Plant Volatiles in the Attraction of <i>Encarsia formosa</i> (Hymenoptera: Aphelinidae). <i>Journal of Chemical Ecology</i> , 2021, 47, 192-203.	0.9	14
23	In Silico and In Vitro Screening of Antipathogenic Properties of <i>Melanthus comosus</i> (Vahl) against <i>Pseudomonas aeruginosa</i> . <i>Antibiotics</i> , 2021, 10, 679.	1.5	14
24	Development and application of an analytical method for the determination of storage lipids, fatty acids and fatty alcohols in <i>Calanus finmarchicus</i> . <i>Journal of Separation Science</i> , 2006, 29, 1205-1216.	1.3	13
25	Resolving taxonomic ambiguity and cryptic speciation of <i>Hypotrigena</i> species through morphometrics and DNA barcoding. <i>Journal of Apicultural Research</i> , 2018, 57, 354-363.	0.7	13
26	The Only African Wild Tobacco, <i>Nicotiana africana</i> : Alkaloid Content and the Effect of Herbivory. <i>PLoS ONE</i> , 2014, 9, e102661.	1.1	13
27	Reproductive parasitism by worker honey bees suppressed by queens through regulation of worker mandibular secretions. <i>Scientific Reports</i> , 2018, 8, 7701.	1.6	12
28	Proximate and mineral composition of <i>Tamarindus indica</i> linn 1753 seeds. <i>Science World Journal</i> , 2010, 2, .	0.2	11
29	Anti-inflammatory potential of South African medicinal plants used for the treatment of sexually transmitted infections. <i>South African Journal of Botany</i> , 2019, 125, 62-71.	1.2	11
30	Lemon Terpenes Influence Behavior of the African Citrus Triozid <i>Trioza erytreae</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	0.9	11
31	The Endophyte <i>Trichoderma asperellum</i> M2RT4 Induces the Systemic Release of Methyl Salicylate and (Z)-jasmone in Tomato Plant Affecting Host Location and Herbivory of <i>Tuta absoluta</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 860309.	1.7	11
32	Temperature-dependent development and survival of immature stages of the coffee berry borer <i>Hypothenemus hampei</i> (Coleoptera: Curculionidae). <i>Bulletin of Entomological Research</i> , 2020, 110, 207-218.	0.5	10
33	Hydroxylation patterns associated with pheromone synthesis and composition in two honey bee subspecies <i>Apis mellifera scutellata</i> and <i>A. m. capensis</i> laying workers. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 114, 103230.	1.2	9
34	The parasitoid <i>Dolichogenidea gelechiidivoris</i> eavesdrops on semiochemicals from its host <i>Tuta absoluta</i> and tomato. <i>Journal of Pest Science</i> , 2022, 95, 633-652.	1.9	9
35	An Effective Method for Maintaining the African Termite-Raiding Ant <i>Pachycondyla analis</i> in the Laboratory. <i>Journal of the Entomological Society of Southern Africa</i> , 2013, 21, 132-136.	0.3	8
36	Responses of <i>Glossina fuscipes fuscipes</i> to visually attractive stationary devices baited with 4-methylguaiaicol and certain repellent compounds in waterbuck odour. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007510.	1.3	8

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37	Thermal regulatory mechanisms of termites from two different savannah ecosystems. <i>Journal of Thermal Biology</i> , 2019, 85, 102418.	1.1	8
38	Landscape Vegetation Productivity Influences Population Dynamics of Key Pests in Small Avocado Farms in Kenya. <i>Insects</i> , 2020, 11, 424.	1.0	8
39	Chemical Cues From Honeydew and Cuticular Extracts of <i>Trialeurodes Vaporariorum</i> Serve as Kairomones for The Parasitoid <i>Encarsia Formosa</i> . <i>Journal of Chemical Ecology</i> , 2022, 48, 370-383.	0.9	8
40	Effect of Brood Pheromone on Survival and Nutrient Intake of African Honey Bees ( <i>Apis mellifera</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i>	0.9	7
41	Effects of vector control on the population structure of tsetse ( <i>Glossina fuscipes fuscipes</i> ) in western Kenya. <i>Acta Tropica</i> , 2018, 179, 1-9.	0.9	7
42	Sticky small target: an effective sampling tool for tsetse fly <i>Glossina fuscipes fuscipes</i> Newstead, 1910. <i>Parasites and Vectors</i> , 2018, 11, 268.	1.0	7
43	Compounds extracted from heads of African stingless bees ( <i>Hypotrigena</i> species) as a prospective taxonomic tool. <i>Chemoecology</i> , 2018, 28, 51-60.	0.6	7
44	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.	0.8	7
45	Floral turnover and climate drive seasonal bee diversity along a tropical elevation gradient. <i>Ecosphere</i> , 2022, 13, .	1.0	7
46	Olfactory Detection of Prey by the Termite-Raiding Ant <i>Pachycondyla analis</i> . <i>Journal of Insect Science</i> , 2014, 14, 1-10.	0.6	6
47	Control of mandibular gland pheromone synthesis by alternative splicing of the CP-2 transcription factor gemini in honeybees ( <i>Apis mellifera carnica</i> ). <i>Apidologie</i> , 2018, 49, 450-458.	0.9	6
48	Tergal gland components of reproductively dominant honey bee workers have both primer and releaser effects on subordinate workers. <i>Apidologie</i> , 2019, 50, 173-182.	0.9	6
49	Modelling the effect of temperature on the biology and demographic parameters of the African coffee white stem borer, <i>Monochamus leuconotus</i> (Pascoe) (Coleoptera: Cerambycidae). <i>Journal of Thermal Biology</i> , 2020, 89, 102534.	1.1	6
50	Re-Analysis of Abdominal Gland Volatilome Secretions of the African Weaver Ant, <i>Oecophylla longinoda</i> (Hymenoptera: Formicidae). <i>Molecules</i> , 2021, 26, 871.	1.7	6
51	The Biology of the Cape Honey Bee, <i>Apis mellifera capensis</i> (Hymenoptera: Apidae): A Review of Thelytoky and Its Influence on Social Parasitism and Worker Reproduction. <i>Annals of the Entomological Society of America</i> , 2021, 114, 219-228.	1.3	6
52	Nest Architecture as a Tool for Species Discrimination of <i>Hypotrigena</i> Species (Hymenoptera: Apidae) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i>	0.8	6
53	Virulence and horizontal transmission of <i>Metarhizium anisopliae</i> by the adults of the greenhouse whitefly <i>Trialeurodes vaporariorum</i> (Hemiptera: Aleyrodidae) and the efficacy of oil formulations against its nymphs. <i>Heliyon</i> , 2021, 7, e08277.	1.4	6
54	Olfactory detection of prey by the termite-raiding ant <i>Pachycondyla analis</i> . <i>Journal of Insect Science</i> , 2014, 14, 53.	0.6	5

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55	Turning workers into false queensâ€“ the role of exogenous pheromones in regulating reproduction in worker honey bees. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	5
56	Temperature-dependent modelling and spatial prediction reveal suitable geographical areas for deployment of two <i>Metarhizium anisopliae</i> isolates for <i>Tuta absoluta</i> management. <i>Scientific Reports</i> , 2021, 11, 23346.	1.6	5
57	A novel vehicle-mounted sticky trap; an effective sampling tool for savannah tsetse flies <i>Glossina morsitans morsitans</i> Westwood and <i>Glossina morsitans centralis</i> Machado. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009620.	1.3	4
58	Functional response of the hypopharyngeal glands to a social parasitism challenge in Southern African honey bee subspecies. <i>Parasitology Research</i> , 2022, 121, 267-274.	0.6	4
59	Prisoners receive food fit for a queen: honeybees feed small hive beetles protein-rich glandular secretions through trophallaxis. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	3
60	Endophytic Colonisation of <i>Solanum lycopersicum</i> and <i>Phaseolus vulgaris</i> by Fungal Endophytes Promotes Seedlings Growth and Hampers the Reproductive Traits, Development, and Survival of the Greenhouse Whitefly, <i>Trialeurodes vaporariorum</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 771534.	1.7	3
61	Interactions between integrated pest management, pollinator introduction, and landscape context on avocado <i>Persea americana</i> productivity. <i>Entomologia Generalis</i> , 2022, 42, 579-587.	1.1	3
62	Refuge in architecture: mounds and diversity of termite species from a Sahel and Sudan savannah. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 1365-1371.	0.4	2
63	Determination of alcohols in hand sanitisers: Are off-the-shelf hand sanitisers what they claim to be?. <i>South African Journal of Science</i> , 2021, 117, .	0.3	2
64	Continuous and discrete dynamical systems for the declines of honeybee colonies. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 8724-8740.	1.2	1
65	Odor-Mediated Group Organization and Coordination in the Termite-Raiding Ant <i>Megaponera analis</i> (Mayr). <i>Chemical Senses</i> , 2020, 45, 635-644.	1.1	1
66	Effect of zebra skin-derived compounds on field catches of the human African trypanosomiasis vector <i>Glossina fuscipes fuscipes</i> . <i>Acta Tropica</i> , 2021, 213, 105745.	0.9	1
67	Seasonal Variation in the Physical Characteristics of the Copepod <i>Calanus finmarchicus</i> (Gunnerus) Along the North Atlantic. <i>Journal of Biological Sciences</i> , 2007, 8, 95-100.	0.1	1
68	First report of a gall midge as a parasitoid of weaver ants. <i>Entomologia Generalis</i> , 2020, 40, 437-441.	1.1	1
69	Allomonas in Social Insects. , 2021, , 27-29.		0
70	Oviposition responses of <i>Bactrocera dorsalis</i> and <i>Ceratitis cosyra</i> to Dufourâ€™s and poison gland extracts of <i>Oecophylla longinoda</i> (Hymenoptera: Formicidae). <i>International Journal of Tropical Insect Science</i> , 0, , 1.	0.4	0
71	Efficiencies of stationary sampling tools for the tsetse fly <i>Glossina fuscipes fuscipes</i> in western Kenya. <i>Acta Tropica</i> , 2021, 223, 106092.	0.9	0
72	Lipid Composition of the Copepod <i>Calanus finmarchicus</i> (Gunnerus) from the Irminger Sea in the North Atlantic Ocean Changes with Season and Life Cycle Stages. <i>Asian Journal of Scientific Research</i> , 2008, 1, 351-362.	0.3	0

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73	Development of an Analytical Method for the Determination of Storage Lipids in <i>Calanus finmarchicus</i> . <i>Journal of Analytical &amp; Bioanalytical Techniques</i> , 2010, 01, .	0.6	0
74	Allomones. , 2019, , 1-3.		0