

Christian W W Pirk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/871589/publications.pdf>

Version: 2024-02-01

162
papers

5,652
citations

117625

34
h-index

98798

67
g-index

164
all docs

164
docs citations

164
times ranked

5349
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Threats to an ecosystem service: pressures on pollinators. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 251-259. | 4.0 | 980 |
| 2 | A worldwide survey of genome sequence variation provides insight into the evolutionary history of the honeybee <i>Apis mellifera</i> . <i>Nature Genetics</i> , 2014, 46, 1081-1088. | 21.4 | 273 |
| 3 | Natural and within-farmland biodiversity enhances crop productivity. <i>Ecology Letters</i> , 2011, 14, 251-259. | 6.4 | 248 |
| 4 | Miscellaneous standard methods for <i>Apis mellifera</i> research. <i>Journal of Apicultural Research</i> , 2013, 52, 1-53. | 1.5 | 199 |
| 5 | Detoxification mechanisms of honey bees (<i>Apis mellifera</i>) resulting in tolerance of dietary nicotine. <i>Scientific Reports</i> , 2015, 5, 11779. | 3.3 | 142 |
| 6 | Adult honeybees (<i>Apis mellifera</i> L.) abandon hemocytic, but not phenoloxidase-based immunity. <i>Journal of Insect Physiology</i> , 2008, 54, 439-444. | 2.0 | 122 |
| 7 | The importance of protein type and protein to carbohydrate ratio for survival and ovarian activation of caged honeybees (<i>Apis mellifera scutellata</i>). <i>Apidologie</i> , 2010, 41, 62-72. | 2.0 | 119 |
| 8 | Automatic life-long monitoring of individual insect behaviour now possible. <i>Zoology</i> , 2003, 106, 169-171. | 1.2 | 114 |
| 9 | Convergence of carbohydrate-biased intake targets in caged worker honeybees fed different protein sources. <i>Journal of Experimental Biology</i> , 2010, 213, 3311-3318. | 1.7 | 110 |
| 10 | The Conservation of Native Honey Bees Is Crucial. <i>Trends in Ecology and Evolution</i> , 2019, 34, 789-798. | 8.7 | 110 |
| 11 | A survey of managed honey bee colony losses in the Republic of South Africa—2009 to 2011. <i>Journal of Apicultural Research</i> , 2014, 53, 35-42. | 1.5 | 109 |
| 12 | Is there a need for conservation of honeybees in Africa?. <i>Apidologie</i> , 2009, 40, 285-295. | 2.0 | 91 |
| 13 | Social encapsulation of beetle parasites by Cape honeybee colonies (<i>Apis mellifera capensis</i> Esch.). <i>Die Naturwissenschaften</i> , 2001, 88, 214-216. | 1.6 | 86 |
| 14 | Standard methods for small hive beetle research. <i>Journal of Apicultural Research</i> , 2013, 52, 1-32. | 1.5 | 83 |
| 15 | Honeybees and nectar nicotine: Deterrence and reduced survival versus potential health benefits. <i>Journal of Insect Physiology</i> , 2012, 58, 286-292. | 2.0 | 80 |
| 16 | Economic and ecological implications of geographic bias in pollinator ecology in the light of pollinator declines. <i>Oikos</i> , 2014, 123, 401-407. | 2.7 | 79 |
| 17 | Honeybee health in Africa—a review. <i>Apidologie</i> , 2016, 47, 276-300. | 2.0 | 77 |
| 18 | Intranest relatedness and nestmate recognition in the meadow ant <i>Formica pratensis</i> (R.). <i>Behavioral Ecology and Sociobiology</i> , 2001, 49, 366-374. | 1.4 | 75 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Seasonal prevalence of pathogens and parasites in the savannah honeybee (<i>Apis mellifera scutellata</i>). <i>Journal of Invertebrate Pathology</i> , 2013, 114, 45-52. | 3.2 | 73 |
| 20 | Statistical guidelines for <i>Apis mellifera</i> research. <i>Journal of Apicultural Research</i> , 2013, 52, 1-24. | 1.5 | 73 |
| 21 | Effects of a neonicotinoid pesticide on thermoregulation of African honey bees (<i>Apis mellifera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1 | 2.0 | 72 |
| 22 | Influence of pollen quality on ovarian development in honeybee workers (<i>Apis mellifera scutellata</i>). <i>Journal of Insect Physiology</i> , 2007, 53, 649-655. | 2.0 | 70 |
| 23 | Nutrition affects survival in African honeybees exposed to interacting stressors. <i>Functional Ecology</i> , 2014, 28, 913-923. | 3.6 | 68 |
| 24 | Honeybee combs: construction through a liquid equilibrium process?. <i>Die Naturwissenschaften</i> , 2004, 91, 350-3. | 1.6 | 58 |
| 25 | Honeybees prefer warmer nectar and less viscous nectar, regardless of sugar concentration. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131597. | 2.6 | 56 |
| 26 | Host plant forensics and olfactory-based detection in Afro-tropical mosquito disease vectors. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006185. | 3.0 | 52 |
| 27 | Egg viability and worker policing in honey bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8649-8651. | 7.1 | 49 |
| 28 | Individual versus social pathway to honeybee worker reproduction (<i>Apis mellifera</i>): pollen or jelly as protein source for oogenesis?. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2006, 192, 761-768. | 1.6 | 49 |
| 29 | Cape honeybees, <i>Apis mellifera capensis</i> , police worker-laid eggs despite the absence of relatedness benefits. <i>Behavioral Ecology</i> , 2003, 14, 347-352. | 2.2 | 48 |
| 30 | High Royal Jelly-Producing Honeybees (<i>Apis mellifera ligustica</i>) (Hymenoptera: Apidae) in China. <i>Journal of Economic Entomology</i> , 2016, 109, 510-514. | 1.8 | 48 |
| 31 | Seasonal nestmate recognition in the ant <i>Formica exsecta</i> . <i>Behavioral Ecology and Sociobiology</i> , 2006, 61, 143-150. | 1.4 | 46 |
| 32 | Behaviour of African and European Subspecies of <i>Apis Mellifera</i> Toward the Small Hive Beetle, <i>Aethina Tumida</i> . <i>Journal of Apicultural Research</i> , 2001, 40, 40-41. | 1.5 | 45 |
| 33 | Laboratory Rearing of Small Hive Beetles <i>Aethina Tumida</i> (Coleoptera, Nitidulidae). <i>Journal of Apicultural Research</i> , 2001, 40, 111-112. | 1.5 | 42 |
| 34 | 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. | 2.5 | 41 |
| 35 | Risks and benefits of the biological interface between managed and wild bee pollinators. <i>Functional Ecology</i> , 2017, 31, 47-55. | 3.6 | 38 |
| 36 | Hygienic and grooming behaviors in African and European honeybees – New damage categories in <i>Varroa destructor</i> . <i>PLoS ONE</i> , 2017, 12, e0179329. | 2.5 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Small hive beetles survive in honeybee prisons by behavioural mimicry. <i>Die Naturwissenschaften</i> , 2002, 89, 326-328. | 1.6 | 36 |
| 38 | Sucrose Sensitivity of Honey Bees Is Differently Affected by Dietary Protein and a Neonicotinoid Pesticide. <i>PLoS ONE</i> , 2016, 11, e0156584. | 2.5 | 36 |
| 39 | Proteomic and metabolomic analysis reveals rapid and extensive nicotine detoxification ability in honey bee larvae. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 82, 41-51. | 2.7 | 36 |
| 40 | Comparative transcriptome analysis on the synthesis pathway of honey bee (<i>Apis mellifera</i>) mandibular gland secretions. <i>Scientific Reports</i> , 2017, 7, 4530. | 3.3 | 35 |
| 41 | Resistance rather than tolerance explains survival of savannah honeybees (<i>Apis mellifera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 54 374-387. | 1.5 | 34 |
| 42 | Pheromonal dominance and the selection of a socially parasitic honeybee worker lineage (<i>Apis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 33 | 1.7 | 33 |
| 43 | Digestibility and nutritional value of fresh and stored pollen for honey bees (<i>Apis mellifera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 54 33 | 2.0 | 33 |
| 44 | Exploring the Kairomone-Based Foraging Behaviour of Natural Enemies to Enhance Biological Control: A Review. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, . | 2.2 | 33 |
| 45 | Resistance of developing honeybee larvae during chronic exposure to dietary nicotine. <i>Journal of Insect Physiology</i> , 2014, 69, 74-79. | 2.0 | 31 |
| 46 | Identification of Multiple Loci Associated with Social Parasitism in Honeybees. <i>PLoS Genetics</i> , 2016, 12, e1006097. | 3.5 | 31 |
| 47 | The behaviour of drifted Cape honeybee workers (<i>Apis mellifera capensis</i>): predisposition for social parasitism?. <i>Apidologie</i> , 2003, 34, 585-590. | 2.0 | 29 |
| 48 | An improved odor bait for monitoring populations of <i>Aedes aegypti</i> -vectors of dengue and chikungunya viruses in Kenya. <i>Parasites and Vectors</i> , 2015, 8, 253. | 2.5 | 29 |
| 49 | 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. | 1.8 | 28 |
| 50 | Impact of <i>Varroa destructor</i> on honeybee (<i>Apis mellifera scutellata</i>) colony development in South Africa. <i>Experimental and Applied Acarology</i> , 2015, 65, 89-106. | 1.6 | 28 |
| 51 | Terpenes from herbivore-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. | 3.4 | 28 |
| 52 | Simultaneous stressors: Interactive effects of an immune challenge and dietary toxin can be detrimental to honeybees. <i>Journal of Insect Physiology</i> , 2012, 58, 918-923. | 2.0 | 27 |
| 53 | Worker reproduction in mixed-species colonies of honey bees. <i>Behavioral Ecology</i> , 2009, 20, 1106-1110. | 2.2 | 25 |
| 54 | Self Assessment in Insects: Honeybee Queens Know Their Own Strength. <i>PLoS ONE</i> , 2008, 3, e1412. | 2.5 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Linalool oxide: generalist plant based lure for mosquito disease vectors. <i>Parasites and Vectors</i> , 2015, 8, 581. | 2.5 | 24 |
| 56 | 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. | 1.5 | 24 |
| 57 | Scientific note. A scientific note on the natural merger of two honeybee colonies (<i>Apis mellifera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 23 | 2.0 | 23 |
| 58 | Trophallactic activities in the honeybee brood nest “ Heaters get supplied with high performance fuel. <i>Zoology</i> , 2008, 111, 433-441. | 1.2 | 22 |
| 59 | Clinal nature of the frequencies of ovarioles and spermathecae in Cape worker honeybees, <i>Apis mellifera capensis</i> . <i>Apidologie</i> , 2010, 41, 129-134. | 2.0 | 22 |
| 60 | Pheromonal predisposition to social parasitism in the honeybee <i>Apis mellifera capensis</i> . <i>Behavioral Ecology</i> , 2010, 21, 1221-1226. | 2.2 | 22 |
| 61 | Field evaluation of natural human odours and the biogent-synthetic lure in trapping <i>Aedes aegypti</i> , vector of dengue and chikungunya viruses in Kenya. <i>Parasites and Vectors</i> , 2014, 7, 451. | 2.5 | 22 |
| 62 | Mandibular gland pheromone contents in workers and queens of <i>Apis mellifera adansonii</i> . <i>Apidologie</i> , 2015, 46, 559-572. | 2.0 | 22 |
| 63 | The metabolic fate of nectar nicotine in worker honey bees. <i>Journal of Insect Physiology</i> , 2017, 98, 14-22. | 2.0 | 22 |
| 64 | A Single SNP Turns a Social Honey Bee (<i>Apis mellifera</i>) Worker into a Selfish Parasite. <i>Molecular Biology and Evolution</i> , 2019, 36, 516-526. | 8.9 | 22 |
| 65 | A new design for honey bee hoarding cages for laboratory experiments. <i>Journal of Apicultural Research</i> , 2013, 52, 12-14. | 1.5 | 21 |
| 66 | Zebra skin odor repels the savannah tsetse fly, <i>Glossina pallidipes</i> (Diptera: Glossinidae). <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007460. | 3.0 | 21 |
| 67 | The Diversity Decline in Wild and Managed Honey Bee Populations Urges for an Integrated Conservation Approach. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, . | 2.2 | 21 |
| 68 | The Territorial Invasion of <i>Apis florea</i> in Africa. <i>African Entomology</i> , 2014, 22, 888-890. | 0.6 | 20 |
| 69 | 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. | 1.8 | 20 |
| 70 | Neonicotinoids decrease sucrose responsiveness of honey bees at first contact. <i>Journal of Insect Physiology</i> , 2018, 108, 25-30. | 2.0 | 19 |
| 71 | Short-sighted evolution of virulence in parasitic honeybee workers (<i>Apis mellifera capensis</i> Esch.). <i>Die Naturwissenschaften</i> , 2008, 95, 507-513. | 1.6 | 18 |
| 72 | Prey choice and raiding behaviour of the Ponerine ant <i>Pachycondyla analis</i> (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 | 0.5 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Egg laying and egg removal by workers are positively correlated in queenright Cape honeybee colonies (<i>Apis mellifera capensis</i>). <i>Apidologie</i> , 2002, 33, 203-211. | 2.0 | 17 |
| 74 | The Honeybee Disease American Foulbrood " An African Perspective. <i>Journal of the Entomological Society of Southern Africa</i> , 2011, 19, 551-557. | 0.3 | 16 |
| 75 | Small Hive Beetles are Facultative Predators of Adult Honey Bees. <i>Journal of Insect Behavior</i> , 2013, 26, 796-803. | 0.7 | 16 |
| 76 | Antioxidant supplementation can reduce the survival costs of excess amino acid intake in honeybees. <i>Journal of Insect Physiology</i> , 2014, 71, 78-86. | 2.0 | 16 |
| 77 | A non-policing honey bee colony (<i>Apis mellifera capensis</i>). <i>Die Naturwissenschaften</i> , 2002, 89, 479-482. | 1.6 | 15 |
| 78 | Nestmate recognition for eggs in the honeybee (<i>Apis mellifera</i> L.). <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1685-1693. | 1.4 | 14 |
| 79 | Sustainable multiple queen colonies of honey bees, <i>Apis mellifera ligustica</i> . <i>Journal of Apicultural Research</i> , 2009, 48, 284-289. | 1.5 | 14 |
| 80 | Hetero-specific queen retinue behavior of worker bees in mixed-species colonies of <i>Apis cerana</i> and <i>Apis mellifera</i> . <i>Apidologie</i> , 2010, 41, 54-61. | 2.0 | 14 |
| 81 | The pheromones of laying workers in two honeybee sister species: <i>Apis cerana</i> and <i>Apis mellifera</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2012, 198, 319-323. | 1.6 | 14 |
| 82 | Spatial and temporal dimensions to the taxonomic diversity of arthropods in an arid grassland savannah. <i>Journal of Arid Environments</i> , 2017, 144, 21-30. | 2.4 | 14 |
| 83 | 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. | 2.0 | 14 |
| 84 | 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. | 1.8 | 14 |
| 85 | Spatial differences in worker policing facilitate social parasitism of Cape honeybee workers (<i>Apis</i>) $T_j ETQq_1 1 0.784314 rgBT / Overlock 1.2 13$ | | |
| 86 | Infestation rates of <i>Varroa destructor</i> and <i>Braula coeca</i> in the savannah honey bee (<i>Apis mellifera scutellata</i>). <i>Journal of Apicultural Research</i> , 2014, 53, 475-477. | 1.5 | 13 |
| 87 | Honeybee Evolution: Royal Jelly Proteins Help Queen Larvae to Stay on Top. <i>Current Biology</i> , 2018, 28, R350-R351. | 3.9 | 13 |
| 88 | 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. | 1.5 | 13 |
| 89 | Pheromones. , 2011, , 207-214. | | 13 |
| 90 | The exceptional attachment ability of the ectoparasitic bee louse <i>Braula coeca</i> (Diptera,) $T_j ETQq_0 0 0 rgBT / Overlock 1.5 13 Tf 50 62$ | | |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Male-biased dispersal promotes large scale gene flow in a subterranean army ant, <i>Dorylus</i> (<i>Typhlopone</i>) <i>fulvus</i> . <i>Population Ecology</i> , 2013, 55, 523-533. | 1.2 | 12 |
| 92 | Reproductive parasitism by worker honey bees suppressed by queens through regulation of worker mandibular secretions. <i>Scientific Reports</i> , 2018, 8, 7701. | 3.3 | 12 |
| 93 | Defense posture in the dwarf honeybee, <i>Apis florea</i> . <i>Apidologie</i> , 2002, 33, 289-294. | 2.0 | 11 |
| 94 | Economics of comb wax salvage by the red dwarf honeybee, <i>Apis florea</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011, 181, 353-359. | 1.5 | 11 |
| 95 | Hit-and-run trophallaxis of small hive beetles. <i>Ecology and Evolution</i> , 2015, 5, 5478-5486. | 1.9 | 11 |
| 96 | Lemon Terpenes Influence Behavior of the African Citrus Triozid <i>Trioza erytreae</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T | 1.8 | 11 |
| 97 | Plant sugar feeding patterns of wild-caught <i>Aedes aegypti</i> from dengue endemic and non-endemic areas of Kenya. <i>Medical and Veterinary Entomology</i> , 2021, 35, 417-425. | 1.5 | 11 |
| 98 | 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. | 1.0 | 10 |
| 99 | Sun angle time windows for absconding by the dwarf honeybee, <i>Apis florea</i> . <i>Journal of Insect Physiology</i> , 2009, 55, 1009-1012. | 2.0 | 9 |
| 100 | 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. | 2.7 | 9 |
| 101 | Antibiotic treatment impairs protein digestion in the honeybee, <i>Apis mellifera</i> . <i>Apidologie</i> , 2020, 51, 94-106. | 2.0 | 9 |
| 102 | A review of the biology and biogeography of Mantispidae (Neuroptera). <i>Insect Systematics and Evolution</i> , 2020, 52, 125-166. | 0.7 | 9 |
| 103 | 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. | 3.7 | 9 |
| 104 | Maintenance and application of multiple queen colonies in commercial beekeeping. <i>Journal of Apicultural Research</i> , 2009, 48, 290-295. | 1.5 | 8 |
| 105 | Temporal patterns of den use suggest polygamous mating patterns in an obligate monogamous mammal. <i>Animal Behaviour</i> , 2012, 84, 1573-1578. | 1.9 | 8 |
| 106 | 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 |
| 107 | The transcriptomic changes associated with the development of social parasitism in the honeybee <i>Apis mellifera capensis</i> . <i>Die Naturwissenschaften</i> , 2018, 105, 22. | 1.6 | 8 |
| 108 | Responses of <i>Glossina fuscipes fuscipes</i> to visually attractive stationary devices baited with 4-methylguaicol and certain repellent compounds in waterbuck odour. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007510. | 3.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Thermal regulatory mechanisms of termites from two different savannah ecosystems. <i>Journal of Thermal Biology</i> , 2019, 85, 102418. | 2.5 | 8 |
| 110 | Plant nutrient quality impacts survival and reproductive fitness of the dengue vector <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2021, 14, 4. | 2.5 | 8 |
| 111 | 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. | 1.8 | 8 |
| 112 | Intra- and interspecific brood recognition in pure and mixed-species honeybee colonies, <i>Apis cerana</i> and <i>A. mellifera</i> . <i>Apidologie</i> , 2009, 40, 184-191. | 2.0 | 7 |
| 113 | The First Report of Storage Mites, <i>Caloglyphus hughesi</i> (Acaridae) on Laboratory-Reared <i>Aethina tumida</i> Murray (Coleoptera: Nitidulidae) in South Africa. <i>African Entomology</i> , 2010, 18, 379-382. | 0.6 | 7 |
| 114 | Physical properties of honeybee silk: a review. <i>Apidologie</i> , 2013, 44, 600-610. | 2.0 | 7 |
| 115 | Effect of Brood Pheromone on Survival and Nutrient Intake of African Honey Bees (<i>Apis mellifera</i>) <small>TJ ETQq1 1 0.784314 rgBT /Overlock</small> | 1.8 | 7 |
| 116 | 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. | 2.0 | 7 |
| 117 | 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. | 2.5 | 7 |
| 118 | Compounds extracted from heads of African stingless bees (<i>Hypotrigena</i> species) as a prospective taxonomic tool. <i>Chemoecology</i> , 2018, 28, 51-60. | 1.1 | 7 |
| 119 | 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 |
| 120 | Floral turnover and climate drive seasonal bee diversity along a tropical elevation gradient. <i>Ecosphere</i> , 2022, 13, . | 2.2 | 7 |
| 121 | Extension of the Diet of an Extreme Foraging Specialist, the Aardwolf (<i>Proteles cristata</i>). <i>African Zoology</i> , 2011, 46, 194-196. | 0.4 | 6 |
| 122 | Olfactory Detection of Prey by the Termite-Raiding Ant <i>Pachycondyla analis</i> . <i>Journal of Insect Science</i> , 2014, 14, 1-10. | 1.5 | 6 |
| 123 | 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. | 2.0 | 6 |
| 124 | Effects of cage volume and bee density on survival and nutrient intake of honeybees (<i>Apis mellifera</i> L.) under laboratory conditions. <i>Apidologie</i> , 2018, 49, 734-746. | 2.0 | 6 |
| 125 | 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. | 2.0 | 6 |
| 126 | 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. | 2.5 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Re-Analysis of Abdominal Gland Volatilome Secretions of the African Weaver Ant, <i>Oecophylla longinoda</i> (Hymenoptera: Formicidae). <i>Molecules</i> , 2021, 26, 871. | 3.8 | 6 |
| 128 | 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. | 2.5 | 6 |
| 129 | Nest Architecture as a Tool for Species Discrimination of <i>Hypotrigona</i> Species (Hymenoptera: Apidae): Tj ETQq1 1 0,784314 rgBT /Over | 0.6 | 6 |
| 130 | Reproductive Biology of the Cape Honeybee: A Critique of Beekman et al.: A critique of "Asexually Produced Cape Honeybee Queens (<i>Apis mellifera capensis</i>) Reproduce Sexually," authors: Madeleine Beekman, Michael H. Allsopp, Julianne Lim, Frances Goudie, and Benjamin P. Oldroyd. <i>Journal of Heredity</i> , 2011:102(5):562-566. <i>Journal of Heredity</i> , 2012, 103, 612-614. | 2.4 | 5 |
| 131 | Waggle dances in absconding colonies of the red dwarf honeybee, <i>Apis florea</i> . <i>Insectes Sociaux</i> , 2012, 59, 571-577. | 1.2 | 5 |
| 132 | Olfactory detection of prey by the termite-raiding ant <i>Pachycondyla analis</i> . <i>Journal of Insect Science</i> , 2014, 14, 53. | 1.5 | 5 |
| 133 | Reproductive traits and mandibular gland pheromone of anarchistic honey bee workers <i>Apis mellifera</i> occurring in China. <i>Apidologie</i> , 2016, 47, 515-526. | 2.0 | 5 |
| 134 | Turning workers into false queens – the role of exogenous pheromones in regulating reproduction in worker honey bees. <i>Journal of Experimental Biology</i> , 2018, 221, . | 1.7 | 5 |
| 135 | COLOSS survey: global impact of COVID-19 on bee research. <i>Journal of Apicultural Research</i> , 2020, 59, 731-734. | 1.5 | 5 |
| 136 | Relationships Between Livestock Damages and Large Carnivore Densities in Sweden. <i>Frontiers in Ecology and Evolution</i> , 2020, 7, . | 2.2 | 5 |
| 137 | Local variation in recombination rates of the honey bee (<i>Apis mellifera</i>) genome among samples from six disparate populations. <i>Insectes Sociaux</i> , 2020, 67, 127-138. | 1.2 | 4 |
| 138 | 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. | 3.0 | 4 |
| 139 | Non-invasive monitoring of adrenocortical activity in free-ranging Namaqua rock mice <i>Micaelamys namaquensis</i> from South Africa in response to anthropogenic land use and season. <i>Wildlife Biology</i> , 2019, 2019, . | 1.4 | 4 |
| 140 | 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. | 1.6 | 4 |
| 141 | Responses of Queenright and Queenless Workers of <i>Apis Cerana</i> to 9-keto-2(E)-decenoic Acid, a Pheromonal Constituent of the Mandibular Gland. <i>Journal of Chemical Ecology</i> , 2010, 36, 966-968. | 1.8 | 3 |
| 142 | Waggle Dances and Azimuthal Windows. <i>Psyche: Journal of Entomology</i> , 2011, 2011, 1-7. | 0.9 | 3 |
| 143 | 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, . | 1.7 | 3 |
| 144 | Energetic Aspects of Flight. , 2011, , 293-312. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | A scientific note on the lack of effect of mandible ablation on the synthesis of royal scent by honeybee queens. <i>Apidologie</i> , 2012, 43, 471-473. | 2.0 | 2 |
| 146 | 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. | 1.0 | 2 |
| 147 | Assessment of craniometric sexual dimorphism and ontogenetic variation in invasive <i>Rattus norvegicus</i> and <i>R. rattus</i> from urban and peri-urban areas of Gauteng Province, South Africa. <i>Mammalia</i> , 2022, . | 0.7 | 2 |
| 148 | Errors in comb building behaviour in <i>Apis cerana cerana</i> that result in entrapped workers. <i>Insectes Sociaux</i> , 2011, 58, 413-415. | 1.2 | 1 |
| 149 | Genotypic diversity in queenless honey bee colonies reduces fitness. <i>Journal of Apicultural Research</i> , 2012, 51, 336-341. | 1.5 | 1 |
| 150 | Performance of pairwise shape dissimilarity morphometrics on nonmammalian taxa (Insecta:). <i>Tj ETQq0 0 0 rgBT /Oyrllock 10 Tf 50 542</i> | 1.2 | 1 |
| 151 | Small Hive Beetles (<i>Aethina Tumida</i> Murray) (Coleoptera: Nitidulidae). , 2017, , 143-155. | | 1 |
| 152 | Odor-Mediated Group Organization and Coordination in the Termite-Raiding Ant <i>Megaponera analis</i> (Mayr). <i>Chemical Senses</i> , 2020, 45, 635-644. | 2.0 | 1 |
| 153 | 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. | 2.0 | 1 |
| 154 | First report of a gall midge as a parasitoid of weaver ants. <i>Entomologia Generalis</i> , 2020, 40, 437-441. | 3.1 | 1 |
| 155 | Joining Forces across Continents: The 1st SOLATINAâ€“COLOSS Conference. <i>Bee World</i> , 0, , 1-4. | 0.8 | 1 |
| 156 | Azimuth-dependent waggle dances; flight and foraging activities of the red dwarf honeybee, <i>Apis florea</i> Fabricius (1787). <i>Journal of Apicultural Research</i> , 2015, 54, 246-254. | 1.5 | 0 |
| 157 | Increased response to sequential infections of honeybee, <i>Apis mellifera scutellata</i> , colonies by socially parasitic Cape honeybee, <i>A. m. capensis</i> , workers. <i>Scientific Reports</i> , 2019, 9, 7582. | 3.3 | 0 |
| 158 | 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. | 1.0 | 0 |
| 159 | Biological traits of wild-caught populations of <i>Aedes aegypti</i> in dengue endemic and non-endemic regions of Kenya. <i>Journal of Vector Ecology</i> , 2021, 46, 19-23. | 1.0 | 0 |
| 160 | Efficiencies of stationary sampling tools for the tsetse fly <i>Glossina fuscipes fuscipes</i> in western Kenya. <i>Acta Tropica</i> , 2021, 223, 106092. | 2.0 | 0 |
| 161 | Genetic Considerations. , 2011, , 95-108. | | 0 |
| 162 | Biological traits of wild-caught populations of <i>Aedes aegypti</i> in dengue endemic and non-endemic regions of Kenya. <i>Journal of Vector Ecology</i> , 2021, 46, 233-244. | 1.0 | 0 |