

Sean O'Donnell

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

3,444
citations

126907

33
h-index

175258

52
g-index

129
all docs

129
docs citations

129
times ranked

2345
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Body size correlations with female aggression and physiology suggest pre-adult effects on caste in an independent-founding eusocial paper wasp (<i>Mischocyttarus pallidipectus</i> , Hymenoptera). <i>Journal of Insect Behavior</i> , 2021, 26, 107-114. | 1.4 | 10 |
| 2 | Soldier neural architecture is temporarily modality specialized but poorly predicted by repertoire size in the stingless bee <i>Tetragonisca angustula</i> . <i>Journal of Comparative Neurology</i> , 2022, 530, 672-682. | 1.6 | 5 |
| 3 | The evolution of head size hypoallometry: Biomechanical implications and brain investment as a possible cause. <i>Arthropod Structure and Development</i> , 2022, 70, 101175. | 1.4 | 0 |
| 4 | Diurnal and nocturnal foraging specialisation in Neotropical army ants. <i>Ecological Entomology</i> , 2021, 46, 352-359. | 2.2 | 2 |
| 5 | Caste. <i>Social Insects</i> , 2021, , 188-192. | | 0 |
| 6 | Brain Development and Brain Evolution. , 2021, , 131-133. | | 0 |
| 7 | <i>Mischocyttarus</i> . , 2021, , 593-598. | | 1 |
| 8 | Evolutionary and Ecological Pressures Shaping Social Wasps Collective Defenses. <i>Annals of the Entomological Society of America</i> , 2021, 114, 581-595. | 2.5 | 6 |
| 9 | Predation on nests of three species of Amazon River turtles (<i>Podocnemis</i>) by underground-foraging army ants (<i>Labidus coecus</i>). <i>Insectes Sociaux</i> , 2021, 68, 277-281. | 1.2 | 3 |
| 10 | Social Network Analysis of Male Dominance in the Paper Wasp <i>Mischocyttarus mastigophorus</i> (Hymenoptera: Vespidae). <i>Journal of Insect Behavior</i> , 2021, 34, 106-113. | 0.7 | 4 |
| 11 | Neuroanatomical differentiation associated with alternative reproductive tactics in male arid land bees, <i>Centris pallida</i> and <i>Amegilla dawsoni</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2021, 207, 497-504. | 1.6 | 12 |
| 12 | Experience-expectant brain plasticity corresponds to caste-specific abiotic challenges in dampwood termites (<i>Zootermopsis angusticollis</i> and <i>Z. nevadensis</i>). <i>Die Naturwissenschaften</i> , 2021, 108, 57. | 1.6 | 6 |
| 13 | Behavioral Attributes of Social Groups Determine the Strength and Direction of Selection on Neural Investment. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, . | 2.2 | 3 |
| 14 | Larval mannitol diets increase mortality, prolong development, and decrease adult body sizes in fruit flies (<i>Drosophila melanogaster</i>). <i>Biology Open</i> , 2020, 8, . | 1.2 | 4 |
| 15 | Multi-year genetic sampling indicates maternal gene flow via colony emigrations in the army ant <i>Eciton burchellii parvispinum</i> . <i>Insectes Sociaux</i> , 2020, 67, 155-166. | 1.2 | 4 |
| 16 | Rain shadow effects predict population differences in thermal tolerance of leaf-cutting ant workers (<i>Atta cephalotes</i>). <i>Biotropica</i> , 2020, 52, 113-119. | 1.6 | 11 |
| 17 | Species differ in worker body size effects on critical thermal limits in seed-harvesting desert ants (<i>Messor ebeninus</i> and <i>M. arenarius</i>). <i>Insectes Sociaux</i> , 2020, 67, 473-479. | 1.2 | 8 |
| 18 | Reproductive physiology corresponds to adult nutrition and task performance in a Neotropical paper wasp: a test of dominance-nutrition hypothesis predictions. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1. | 1.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Potential for Use of Erythritol as a Socially Transferrable Ingested Insecticide for Ants (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock | 1.8 | 11 |
| 20 | Mischocyttarus. , 2020, , 1-6. | | 2 |
| 21 | Head-to-body size allometry in wasps (Vespidae): does brain housing constrain the evolution of small body sizes?. Insectes Sociaux, 2019, 66, 647-651. | 1.2 | 1 |
| 22 | Brain structure differences between solitary and social wasp species are independent of body size allometry. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2019, 205, 911-916. | 1.6 | 9 |
| 23 | Erythritol Ingestion Causes Concentration-Dependent Mortality in Eastern Subterranean Termites (Blattodea: Rhinotermitidae). Journal of Economic Entomology, 2019, 113, 348-352. | 1.8 | 5 |
| 24 | Mannitol ingestion causes concentration-dependent, sex-biased mortality in adults of the fruit fly (<i>Drosophila melanogaster</i>). PLoS ONE, 2019, 14, e0213760. | 2.5 | 7 |
| 25 | Plastic collective endothermy in a complex animal society (army ant bivouacs: <i>Eciton burchellii</i>) Tj ETQq1 1 0.784314 rgBT /Overlock | 4.5 | 9 |
| 26 | The neurobiology of climate change. Die Naturwissenschaften, 2018, 105, 11. | 1.6 | 11 |
| 27 | Size constraints and sensory adaptations affect mosaic brain evolution in paper wasps (Vespidae: Tj ETQq1 1 0.784314 rgBT /Overlock | 1.6 | 17 |
| 28 | Erythritol ingestion impairs adult reproduction and causes larval mortality in <i>Drosophila melanogaster</i> fruit flies (Diptera: Drosophilidae). Journal of Applied Entomology, 2018, 142, 37-42. | 1.8 | 17 |
| 29 | Day/night upper thermal limits differ within <i>Ectatomma ruidum</i> ant colonies. Insectes Sociaux, 2018, 65, 183-189. | 1.2 | 7 |
| 30 | Implications of iterative communication for biological system performance. Journal of Theoretical Biology, 2018, 436, 93-104. | 1.7 | 0 |
| 31 | Brain investment under colony-level selection: soldier specialization in <i>Eciton</i> army ants (Formicidae: Tj ETQq1 1 0.784314 rgBT /Overlock | 1.0 | 23 |
| 32 | Complex body size differences in thermal tolerance among army ant workers (<i>Eciton burchellii</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 | 2.5 | 16 |
| 33 | Novel observation of a raptor, Collared Forest-falcon (<i>Micrastur semitorquatus</i>), depredating a fleeing snake at an army ant (<i>Eciton burchellii parvispinum</i>) raid front. Wilson Journal of Ornithology, 2018, 130, 792-796. | 0.2 | 2 |
| 34 | Lethal effects of erythritol on the mosquito <i>Aedes aegypti</i> Linnaeus (Diptera: Culicidae). Journal of Applied Entomology, 2018, 142, 873-881. | 1.8 | 22 |
| 35 | Extreme Insolation: Climatic Variation Shapes the Evolution of Thermal Tolerance at Multiple Scales. American Naturalist, 2018, 192, 347-359. | 2.1 | 56 |
| 36 | Adult nutrition and reproductive physiology: a stable isotope analysis in a eusocial paper wasp (<i>Mischocyttarus mastigophorus</i> , Hymenoptera: Vespidae). Behavioral Ecology and Sociobiology, 2018, 72, 1. | 1.4 | 17 |

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|----|--|-----|-----------|
| 37 | Brain Development And Evolution In Social Insects. , 2018, , . | | 0 |
| 38 | The structured diversity of specialized gut symbionts of the New World army ants. <i>Molecular Ecology</i> , 2017, 26, 3808-3825. | 3.9 | 62 |
| 39 | Weak links: how colonies counter the social costs of individual variation in thermal physiology. <i>Current Opinion in Insect Science</i> , 2017, 22, 85-91. | 4.4 | 14 |
| 40 | Evidence for facilitation among avian army ant attendants: specialization and species associations across elevations. <i>Biotropica</i> , 2017, 49, 665-674. | 1.6 | 8 |
| 41 | Development and evolution of brain allometry in wasps (Vespidae): size, ecology and sociality. <i>Current Opinion in Insect Science</i> , 2017, 22, 54-61. | 4.4 | 18 |
| 42 | Thermal tolerances differ between diurnal and nocturnal foragers in the ant <i>Ectatomma ruidum</i> . <i>Insectes Sociaux</i> , 2017, 64, 439-444. | 1.2 | 13 |
| 43 | Caste differences in the mushroom bodies of swarm-founding paper wasps: implications for brain plasticity and brain evolution (Vespidae, Epiponini). <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1. | 1.4 | 15 |
| 44 | Emigrating on the Fly: a Novel Method of Army Ant Colony Movement Observed in <i>Eciton mexicanum</i> . <i>Journal of Insect Behavior</i> , 2017, 30, 471-474. | 0.7 | 1 |
| 45 | Non-Nutritive Polyol Sweeteners Differ in Insecticidal Activity When Ingested by Adult <i>Drosophila melanogaster</i> (Diptera: Drosophilidae). <i>Journal of Insect Science</i> , 2016, 16, 47. | 1.5 | 22 |
| 46 | Structure and thermal biology of subterranean army ant bivouacs in tropical montane forests. <i>Insectes Sociaux</i> , 2016, 63, 467-476. | 1.2 | 15 |
| 47 | Into the black and back: the ecology of brain investment in Neotropical army ants (Formicidae: <i>Eciton</i>). <i>Journal of Animal Ecology</i> , 2015, 84, 1322-1330. | 1.6 | 28 |
| 48 | Microhabitat and body size effects on heat tolerance: implications for responses to climate change (army ants: Formicidae, <i>Ecitoninae</i>). <i>Journal of Animal Ecology</i> , 2015, 84, 1322-1330. | 2.8 | 111 |
| 49 | Distributed cognition and social brains: reductions in mushroom body investment accompanied the origins of sociality in wasps (Hymenoptera: Vespidae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150791. | 2.6 | 62 |
| 50 | Cumulative Effects of Foraging Behavior and Social Dominance on Brain Development in a Facultatively Social Bee (<i>Ceratina australensis</i>). <i>Brain, Behavior and Evolution</i> , 2015, 85, 117-124. | 1.7 | 24 |
| 51 | Erythritol, a Non-Nutritive Sugar Alcohol Sweetener and the Main Component of Truvia®, Is a Palatable Ingested Insecticide. <i>PLoS ONE</i> , 2014, 9, e98949. | 2.5 | 54 |
| 52 | A test of neuroecological predictions using paperwasp caste differences in brain structure (Hymenoptera: Vespidae). <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 529-536. | 1.4 | 21 |
| 53 | Genetic evidence for landscape effects on dispersal in the army ant <i>Eciton burchellii</i> . <i>Molecular Ecology</i> , 2014, 23, 96-109. | 3.9 | 18 |
| 54 | Evidence for adaptive brain tissue reduction in obligate social parasites (<i>Polyergus mexicanus</i>) relative to their hosts (<i>Formica fusca</i>). <i>Biological Journal of the Linnean Society</i> , 2014, 113, 415-422. | 1.6 | 11 |

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|----|--|-----|-----------|
| 55 | Do Nearctic migrant birds compete with residents at army ant raids? A geographic and seasonal analysis. <i>Wilson Journal of Ornithology</i> , 2014, 126, 474-487. | 0.2 | 5 |
| 56 | Group hunting by workers of two Neotropical swarm-founding paper wasps, <i>Parachartergus apicalis</i> and <i>Agelaia</i> sp.. <i>Insectes Sociaux</i> , 2013, 60, 369-372. | 1.2 | 3 |
| 57 | Brain Size and Visual Environment Predict Species Differences in Paper Wasp Sensory Processing Brain Regions (Hymenoptera: Vespidae, Polistinae). <i>Brain, Behavior and Evolution</i> , 2013, 82, 177-184. | 1.7 | 28 |
| 58 | Strike Fast, Strike Hard: The Red-Throated Caracara Exploits Absconding Behavior of Social Wasps during Nest Predation. <i>PLoS ONE</i> , 2013, 8, e84114. | 2.5 | 11 |
| 59 | Sodium-specific foraging by leafcutter ant workers (<i>Atta cephalotes</i>), Hymenoptera: Formicidae). <i>Ecological Entomology</i> , 2012, 37, 435-438. | 2.2 | 16 |
| 60 | Specializations of birds that attend army ant raids: An ecological approach to cognitive and behavioral studies. <i>Behavioural Processes</i> , 2012, 91, 267-274. | 1.1 | 16 |
| 61 | A case of mental time travel in ant-following birds?. <i>Behavioral Ecology</i> , 2011, 22, 1149-1153. | 2.2 | 6 |
| 62 | Predation and patchiness in the tropical litter: do swarm-raiding army ants skim the cream or drain the bottle?. <i>Journal of Animal Ecology</i> , 2011, 80, 818-823. | 2.8 | 38 |
| 63 | Strict monandry in the ponerine army ant genus <i>Simopelta</i> suggests that colony size and complexity drive mating system evolution in social insects. <i>Molecular Ecology</i> , 2011, 20, 420-428. | 3.9 | 8 |
| 64 | Elevational and geographic variation in army ant swarm raid rates. <i>Insectes Sociaux</i> , 2011, 58, 293-298. | 1.2 | 16 |
| 65 | Choice of nest site protects army ant colonies from environmental extremes in tropical montane forest. <i>Insectes Sociaux</i> , 2011, 58, 299-308. | 1.2 | 14 |
| 66 | Comparative analysis of constraints and caste differences in brain investment among social paper wasps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7107-7112. | 7.1 | 36 |
| 67 | Leaf cutter ants (<i>Atta cephalotes</i>) harvest baits offering sodium chloride rewards. <i>Insectes Sociaux</i> , 2010, 57, 205-208. | 1.2 | 5 |
| 68 | Nesting and Nest-Provisioning of the Red-throated Caracara (<i>Bycter americanus</i>) in Central French Guiana. <i>Journal of Raptor Research</i> , 2010, 44, 236-240. | 0.6 | 7 |
| 69 | Army Ant Raid Attendance and Bivouac-Checking Behavior by Neotropical Montane Forest Birds. <i>Wilson Journal of Ornithology</i> , 2010, 122, 503-512. | 0.2 | 8 |
| 70 | Caste. , 2009, , 133-135. | | 0 |
| 71 | Species and site differences in Neotropical army ant emigration behaviour. <i>Ecological Entomology</i> , 2009, 34, 476-482. | 2.2 | 16 |
| 72 | Social competition but not subfertility leads to a division of labour in the facultatively social sweat bee <i>Megalopta genalis</i> (Hymenoptera: Halictidae). <i>Animal Behaviour</i> , 2009, 78, 1043-1050. | 1.9 | 53 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Worker reproductive competition affects division of labor in a primitively social paperwasp (Polistes) Tj ETQq1 1 0.784314 rgBT /Overlock 21 | 1.2 | 21 |
| 74 | Elevation and forest clearing effects on foraging differ between surface " and subterranean " foraging army ants (Formicidae: Ecitoninae). Journal of Animal Ecology, 2009, 78, 91-97. | 2.8 | 26 |
| 75 | Elevational Patterns of Diversity and Abundance of Eusocial Paper Wasps (Vespidae) in Costa Rica. Biotropica, 2009, 41, 338-346. | 1.6 | 41 |
| 76 | Males Exhibit Novel Relationships of Dominance with Nest Departure in the Social Paper Wasp <i>Mischoctytarus mastigophorus</i> (Hymenoptera: Vespidae). Ethology, 2009, 115, 738-746. | 1.1 | 4 |
| 77 | Growth and pruning of mushroom body Kenyon cell dendrites during worker behavioral development in the paper wasp, Polybia aequatorialis (Hymenoptera: Vespidae). Neurobiology of Learning and Memory, 2009, 92, 485-495. | 1.9 | 38 |
| 78 | Body Size Shapes Caste Expression, and Cleptoparasitism Reduces Body Size in the Facultatively Eusocial Bees Megalopta (Hymenoptera: Halictidae). Journal of Insect Behavior, 2008, 21, 394-406. | 0.7 | 28 |
| 79 | Age, sex, and dominance-related mushroom body plasticity in the paperwasp <i>Mischoctytarus mastigophorus</i>. Developmental Neurobiology, 2008, 68, 950-959. | 3.0 | 53 |
| 80 | A developmental test of the dominance-nutrition hypothesis: linking adult feeding, aggression, and reproductive potential in the paperwasp<i>Mischoctytarus</i> mastigophorus. Ethology Ecology and Evolution, 2008, 20, 125-139. | 1.4 | 18 |
| 81 | Fragmentation and elevation effects on bird " army ant interactions in neotropical montane forest of Costa Rica. Journal of Tropical Ecology, 2007, 23, 581-590. | 1.1 | 31 |
| 82 | Mushroom Body Volume Is Related to Social Aggression and Ovary Development in the Paperwasp <i>Polistes instabilis</i>. Brain, Behavior and Evolution, 2007, 70, 137-144. | 1.7 | 51 |
| 83 | Developmental and dominance-associated differences in mushroom body structure in the paper wasp <i>Mischoctytarus mastigophorus</i>. Developmental Neurobiology, 2007, 67, 39-46. | 3.0 | 36 |
| 84 | Army ants in four forests: geographic variation in raid rates and species composition. Journal of Animal Ecology, 2007, 76, 580-589. | 2.8 | 58 |
| 85 | Experimental analysis of worker division of labor in bumblebee nest thermoregulation (Bombus) Tj ETQq1 1 0.784314 rgBT /Overlock 44 | 1.4 | 44 |
| 86 | Survival and productivity benefits to social nesting in the sweat bee Megalopta genalis (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 | 1.4 | 54 |
| 87 | Worker connectivity: a review of the design of worker communication systems and their effects on task performance in insect societies. Insectes Sociaux, 2007, 54, 203-210. | 1.2 | 58 |
| 88 | Worker connectivity: a simulation model of variation in worker communication and its effects on task performance. Insectes Sociaux, 2007, 54, 211-218. | 1.2 | 12 |
| 89 | Developmental and dominance-associated differences in mushroom body structure in the paper wasp Mischoctytarus mastigophorus. Journal of Neurobiology, 2007, 67, 39-46. | 3.6 | 10 |
| 90 | Polybia wasp biting interactions recruit foragers following experimental worker removals. Animal Behaviour, 2006, 71, 709-715. | 1.9 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Microclimatic factors associated with elevational changes in army ant density in tropical montane forest. <i>Ecological Entomology</i> , 2006, 31, 491-498. | 2.2 | 30 |
| 92 | Extraordinary Predation by the Neotropical Army Ant <i>Cheliomyrmex andicola</i> : Implications for the Evolution of the Army Ant Syndrome ¹ . <i>Biotropica</i> , 2005, 37, 706-709. | 1.6 | 20 |
| 93 | Reproductive physiology, dominance interactions, and division of labour among bumble bee workers. <i>Physiological Entomology</i> , 2004, 29, 327-334. | 1.5 | 45 |
| 94 | The role of male disease susceptibility in the evolution of haplodiploid insect societies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 979-983. | 2.6 | 58 |
| 95 | Mushroom body structural change is associated with division of labor in eusocial wasp workers (<i>Polybia aequatorialis</i> , Hymenoptera: Vespidae). <i>Neuroscience Letters</i> , 2004, 356, 159-162. | 2.1 | 72 |
| 96 | Assured fitness returns favor sociality in a mass-provisioning sweat bee, <i>Megalopta genalis</i> (Hymenoptera: Halictidae). <i>Behavioral Ecology and Sociobiology</i> , 2003, 54, 14-21. | 1.4 | 79 |
| 97 | The development of biting interactions and task performance in a tropical eusocial wasp. <i>Behaviour</i> , 2003, 140, 255-267. | 0.8 | 17 |
| 98 | The nest as fortress: defensive behavior of <i>Polybia emaciata</i> , a mud-nesting eusocial wasp. <i>Journal of Insect Science</i> , 2002, 2, 1-5. | 0.9 | 11 |
| 99 | Novel method of swarm emigration by the epiponine wasp, <i>Apoica pallens</i> (Hymenoptera Vespidae). <i>Ethology Ecology and Evolution</i> , 2002, 14, 365-371. | 1.4 | 19 |
| 100 | The nest as fortress: defensive behavior of <i>Polybia emaciata</i> , a mud-nesting eusocial wasp. <i>Journal of Insect Science</i> , 2002, 2, 3. | 1.5 | 8 |
| 101 | Evolution of Swarm Communication in Eusocial Wasps (Hymenoptera: Vespidae). <i>Journal of Insect Behavior</i> , 2002, 15, 751-764. | 0.7 | 25 |
| 102 | Social dominance, task performance and nutrition: implications for reproduction in eusocial wasps. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2001, 187, 327-333. | 1.6 | 73 |
| 103 | Thresholds of Response in Nest Thermoregulation by Worker Bumble Bees, <i>Bombus bifarius nearcticus</i> (Hymenoptera: Apidae). <i>Ethology</i> , 2001, 107, 387-399. | 1.1 | 44 |
| 104 | Title is missing!. <i>Journal of Insect Behavior</i> , 2001, 14, 201-213. | 0.7 | 29 |
| 105 | Seasonality and Colony Composition in a Montane Tropical Eusocial Wasp ^{1,2} . <i>Biotropica</i> , 2001, 33, 727-732. | 1.6 | 12 |
| 106 | Worker biting interactions and task performance in a swarm-founding eusocial wasp (<i>Polybia</i>) Tj ETQq0 0 0 rgBT /Oygrlock 10 Tf 50 142 | 2.2 | 46 |
| 107 | Seasonality and Colony Composition in a Montane Tropical Eusocial Wasp ^{1,2} . <i>Biotropica</i> , 2001, 33, 727. | 1.6 | 20 |
| 108 | Observations on Two Neotropical Swarm-Founding Wasps, <i>Agelaia yepocapa</i> and <i>A. panamaensis</i> (Hymenoptera: Vespidae). <i>Annals of the Entomological Society of America</i> , 2001, 94, 555-562. | 2.5 | 25 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 109 | Energy, Density, and Constraints to Species Richness: Ant Assemblages along a Productivity Gradient. <i>American Naturalist</i> , 2000, 155, 280-293. | 2.1 | 256 |
| 110 | The Function of Male Dominance in the Eusocial Wasp, <i>Mischocyttarus mastigophorus</i> (Hymenoptera: Tj ETQq0 0,0 rgBT /Overlock 10 | 1.1 | 29 |
| 111 | Dual mimicry in the dimorphic eusocial wasp <i>Mischocyttarus mastigophorus</i> Richards (Hymenoptera: Tj ETQq1 1 0,784314 rgBT /Overlock 10 | 1.6 | 9 |
| 112 | Genotypic Effects on Forager Behavior in the Neotropical Stingless Bee <i>Partamona bilineata</i> (Hymenoptera: Meliponidae). <i>Die Naturwissenschaften</i> , 1999, 86, 187-190. | 1.6 | 10 |
| 113 | Dominance and polyethism in the eusocial wasp <i>Mischocyttarus mastigophorus</i> (Hymenoptera: Tj ETQq1 1 0,784314 rgBT /Overlock 10 | 1.4 | 65 |
| 114 | REPRODUCTIVE CASTE DETERMINATION IN EUSOCIAL WASPS (HYMENOPTERA: VESPIDAE). <i>Annual Review of Entomology</i> , 1998, 43, 323-346. | 11.8 | 231 |
| 115 | Effects of Experimental Forager Removals on Division of Labour in the Primitively Eusocial Wasp <i>Polistes Instabilis</i> (Hymenoptera: Vespidae). <i>Behaviour</i> , 1998, 135, 173-193. | 0.8 | 51 |
| 116 | How parasites can promote the expression of social behaviour in their hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 689-694. | 2.6 | 27 |
| 117 | RAPD markers suggest genotypic effects on forager specialization in a eusocial wasp. <i>Behavioral Ecology and Sociobiology</i> , 1996, 38, 83-88. | 1.4 | 45 |
| 118 | Dragonflies (<i>Gynacantha nervosa</i> Rambur) avoid wasps (<i>Polybia aequatorialis</i> Zavattari) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,382 Td (ar | 0.7 | 33 |
| 119 | Reproductive potential and division of labor in wasps: are queen and worker behavior alternative strategies?. <i>Ethology Ecology and Evolution</i> , 1996, 8, 305-308. | 1.4 | 33 |
| 120 | Implications of senescence patterns for the evolution of age polyethism in eusocial insects. <i>Behavioral Ecology</i> , 1995, 6, 269-273. | 2.2 | 39 |
| 121 | Necrophagy by Neotropical Swarm-Founding Wasps (Hymenoptera: Vespidae, Epiponini). <i>Biotropica</i> , 1995, 27, 133. | 1.6 | 44 |
| 122 | Methoprene accelerates age polyethism in workers of a social wasp (<i>Polybia occidentalis</i>). <i>Physiological Entomology</i> , 1993, 18, 189-194. | 1.5 | 81 |
| 123 | Lifelong patterns of forager behaviour in a tropical swarm-founding wasp: effects of specialization and activity level on longevity. <i>Animal Behaviour</i> , 1992, 44, 1021-1027. | 1.9 | 64 |
| 124 | Notes on an army ant (<i>Eciton burchelli</i>) raid on a social wasp colony (<i>Agelaia yepocapa</i>) in Costa Rica. <i>Journal of Tropical Ecology</i> , 1990, 6, 507-509. | 1.1 | 24 |