

# Sean O'Donnell

## List of Publications by Year in descending order

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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	Energy, Density, and Constraints to Species Richness: Ant Assemblages along a Productivity Gradient. <i>American Naturalist</i> , 2000, 155, 280-293.	2.1	256
2	REPRODUCTIVE CASTE DETERMINATION IN EUSOCIAL WASPS (HYMENOPTERA: VESPIDAE). <i>Annual Review of Entomology</i> , 1998, 43, 323-346.	11.8	231
3	Microhabitat and body size effects on heat tolerance: implications for responses to climate change (army ants: Formicidae, Ecitoninae). <i>Journal of Animal Ecology</i> , 2015, 84, 1322-1330.	2.8	111
4	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
5	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
6	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
7	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
8	Dominance and polyethism in the eusocial wasp <i>Mischocyttarus mastigophorus</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.4	65
9	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
10	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
11	The structured diversity of specialized gut symbionts of the New World army ants. <i>Molecular Ecology</i> , 2017, 26, 3808-3825.	3.9	62
12	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
13	Army ants in four forests: geographic variation in raid rates and species composition. <i>Journal of Animal Ecology</i> , 2007, 76, 580-589.	2.8	58
14	Worker connectivity: a review of the design of worker communication systems and their effects on task performance in insect societies. <i>Insectes Sociaux</i> , 2007, 54, 203-210.	1.2	58
15	Extreme Insolation: Climatic Variation Shapes the Evolution of Thermal Tolerance at Multiple Scales. <i>American Naturalist</i> , 2018, 192, 347-359.	2.1	56
16	Survival and productivity benefits to social nesting in the sweat bee <i>Megalopta genalis</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.4	54
17	Erythritol, a Non-Nutritive Sugar Alcohol Sweetener and the Main Component of Truvia <sup>®</sup> , Is a Palatable Ingested Insecticide. <i>PLoS ONE</i> , 2014, 9, e98949.	2.5	54
18	Age, sex, and dominance-related mushroom body plasticity in the paperwasp <i>Mischocyttarus mastigophorus</i> . <i>Developmental Neurobiology</i> , 2008, 68, 950-959.	3.0	53

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19	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
20	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
21	Mushroom Body Volume Is Related to Social Aggression and Ovary Development in the Paperwasp &i>Polistes instabilis&/i>. <i>Brain, Behavior and Evolution</i> , 2007, 70, 137-144.	1.7	51
22	Worker biting interactions and task performance in a swarm-founding eusocial wasp ( <i>Polybia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50, 622	2.2	46
23	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
24	Reproductive physiology, dominance interactions, and division of labour among bumble bee workers. <i>Physiological Entomology</i> , 2004, 29, 327-334.	1.5	45
25	Necrophagy by Neotropical Swarm-Founding Wasps (Hymenoptera: Vespidae, Epiponini). <i>Biotropica</i> , 1995, 27, 133.	1.6	44
26	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
27	Experimental analysis of worker division of labor in bumblebee nest thermoregulation ( <i>Bombus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50, 44	1.4	44
28	Elevational Patterns of Diversity and Abundance of Eusocial Paper Wasps (Vespidae) in Costa Rica. <i>Biotropica</i> , 2009, 41, 338-346.	1.6	41
29	Implications of senescence patterns for the evolution of age polyethism in eusocial insects. <i>Behavioral Ecology</i> , 1995, 6, 269-273.	2.2	39
30	Growth and pruning of mushroom body Kenyon cell dendrites during worker behavioral development in the paper wasp, <i>Polybia aequatorialis</i> (Hymenoptera: Vespidae). <i>Neurobiology of Learning and Memory</i> , 2009, 92, 485-495.	1.9	38
31	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
32	Developmental and dominance-associated differences in mushroom body structure in the paper wasp <i>Mischoctytarus mastigophorus</i>. <i>Developmental Neurobiology</i> , 2007, 67, 39-46.	3.0	36
33	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
34	Dragonflies ( <i>Gynacantha nervosa</i> Rambur) avoid wasps ( <i>Polybia aequatorialis</i> Zavattari) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50, 142 Td (ar	0.7	33
35	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
36	<i>Polybia</i> wasp biting interactions recruit foragers following experimental worker removals. <i>Animal Behaviour</i> , 2006, 71, 709-715.	1.9	33

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37	Fragmentation and elevation effects on bird-ant interactions in neotropical montane forest of Costa Rica. <i>Journal of Tropical Ecology</i> , 2007, 23, 581-590.	1.1	31
38	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
39	The Function of Male Dominance in the Eusocial Wasp, <i>Mischocyttarus mastigophorus</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf	1.1	29
40	Title is missing!. <i>Journal of Insect Behavior</i> , 2001, 14, 201-213.	0.7	29
41	Body Size Shapes Caste Expression, and Cleptoparasitism Reduces Body Size in the Facultatively Eusocial Bees <i>Megalopta</i> (Hymenoptera: Halictidae). <i>Journal of Insect Behavior</i> , 2008, 21, 394-406.	0.7	28
42	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
43	Into the black and back: the ecology of brain investment in Neotropical army ants (Formicidae: Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf	1.6	28
44	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
45	Elevation and forest clearing effects on foraging differ between surface and subterranean foraging army ants (Formicidae: Ecitoninae). <i>Journal of Animal Ecology</i> , 2009, 78, 91-97.	2.8	26
46	Observations on Two Neotropical Swarm-Founding Wasps, <i>Agelaiya 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
47	Evolution of Swarm Communication in Eusocial Wasps (Hymenoptera: Vespidae). <i>Journal of Insect Behavior</i> , 2002, 15, 751-764.	0.7	25
48	Notes on an army ant ( <i>Eciton burchelli</i> ) raid on a social wasp colony ( <i>Agelaiya yepocapa</i> ) in Costa Rica. <i>Journal of Tropical Ecology</i> , 1990, 6, 507-509.	1.1	24
49	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
50	Brain investment under colony-level selection: soldier specialization in <i>Eciton</i> army ants (Formicidae: Tj ETQq0 0 0 rgBT / Overlock 10 Tf	1.0	23
51	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
52	Lethal effects of erythritol on the mosquito <i>Aedes aegypti</i> Linnaeus (Diptera: Culicidae). <i>Journal of Applied Entomology</i> , 2018, 142, 873-881.	1.8	22
53	Worker reproductive competition affects division of labor in a primitively social paperwasp ( <i>Polistes</i> ) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf	1.2	21
54	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

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55	Seasonality and Colony Composition in a Montane Tropical Eusocial Wasp <sup>1,2</sup> . <i>Biotropica</i> , 2001, 33, 727.	1.6	20
56	Extraordinary Predation by the Neotropical Army Ant <i>Cheliomyrmex andicola</i> : Implications for the Evolution of the Army Ant Syndrome <sup>1</sup> . <i>Biotropica</i> , 2005, 37, 706-709.	1.6	20
57	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
58	A developmental test of the dominance-nutrition hypothesis: linking adult feeding, aggression, and reproductive potential in the paperwasp <i>Mischocyttarus mastigophorus</i> . <i>Ethology Ecology and Evolution</i> , 2008, 20, 125-139.	1.4	18
59	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
60	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
61	The development of biting interactions and task performance in a tropical eusocial wasp. <i>Behaviour</i> , 2003, 140, 255-267.	0.8	17
62	Size constraints and sensory adaptations affect mosaic brain evolution in paper wasps (Vespidae). <i>Trends in Ecology and Evolution</i> , 2017, 32, 1010-1017.	1.6	17
63	Erythritol ingestion impairs adult reproduction and causes larval mortality in <i>Drosophila melanogaster</i> fruit flies (Diptera: Drosophilidae). <i>Journal of Applied Entomology</i> , 2018, 142, 37-42.	1.8	17
64	Adult nutrition and reproductive physiology: a stable isotope analysis in a eusocial paper wasp ( <i>Mischocyttarus mastigophorus</i> , Hymenoptera: Vespidae). <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	17
65	Species and site differences in Neotropical army ant emigration behaviour. <i>Ecological Entomology</i> , 2009, 34, 476-482.	2.2	16
66	Elevational and geographic variation in army ant swarm raid rates. <i>Insectes Sociaux</i> , 2011, 58, 293-298.	1.2	16
67	Sodium-specific foraging by leafcutter ant workers ( <i>Atta cephalotes</i> , Hymenoptera: Formicidae). <i>Ecological Entomology</i> , 2012, 37, 435-438.	2.2	16
68	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
69	Complex body size differences in thermal tolerance among army ant workers ( <i>Eciton burchellii</i> ). <i>Trends in Ecology and Evolution</i> , 2014, 29, 143-144.	2.5	16
70	Structure and thermal biology of subterranean army ant bivouacs in tropical montane forests. <i>Insectes Sociaux</i> , 2016, 63, 467-476.	1.2	15
71	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
72	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

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73	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
74	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
75	Seasonality and Colony Composition in a Montane Tropical Eusocial Wasp. <i>Biotropica</i> , 2001, 33, 727-732.	1.6	12
76	Worker connectivity: a simulation model of variation in worker communication and its effects on task performance. <i>Insectes Sociaux</i> , 2007, 54, 211-218.	1.2	12
77	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
78	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
79	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
80	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
81	The neurobiology of climate change. <i>Die Naturwissenschaften</i> , 2018, 105, 11.	1.6	11
82	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
83	Potential for Use of Erythritol as a Socially Transferrable Ingested Insecticide for Ants (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	11
84	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
85	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
86	Developmental and dominance-associated differences in mushroom body structure in the paper wasp <i>Mischocyttarus mastigophorus</i> . <i>Journal of Neurobiology</i> , 2007, 67, 39-46.	3.6	10
87	Dual mimicry in the dimorphic eusocial wasp <i>Mischocyttarus mastigophorus</i> Richards (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	9
88	Brain structure differences between solitary and social wasp species are independent of body size allometry. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 911-916.	1.6	9
89	Plastic collective endothermy in a complex animal society (army ant bivouacs: <i>Eciton burchellii</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	4.5	9
90	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

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91	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
92	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
93	Evidence for facilitation among avian army ant attendants: specialization and species associations across elevations. <i>Biotropica</i> , 2017, 49, 665-674.	1.6	8
94	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
95	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
96	Day/night upper thermal limits differ within <i>Ectatomma ruidum</i> ant colonies. <i>Insectes Sociaux</i> , 2018, 65, 183-189.	1.2	7
97	Mannitol ingestion causes concentration-dependent, sex-biased mortality in adults of the fruit fly ( <i>Drosophila melanogaster</i> ). <i>PLoS ONE</i> , 2019, 14, e0213760.	2.5	7
98	A case of mental time travel in ant-following birds?. <i>Behavioral Ecology</i> , 2011, 22, 1149-1153.	2.2	6
99	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
100	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
101	Leaf cutter ants ( <i>Atta cephalotes</i> ) harvest baits offering sodium chloride rewards. <i>Insectes Sociaux</i> , 2010, 57, 205-208.	1.2	5
102	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
103	Erythritol Ingestion Causes Concentration-Dependent Mortality in Eastern Subterranean Termites (Blattodea: Rhinotermitidae). <i>Journal of Economic Entomology</i> , 2019, 113, 348-352.	1.8	5
104	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
105	Males Exhibit Novel Relationships of Dominance with Nest Departure in the Social Paper Wasp <i>Mischocyttarus mastigophorus</i> (Hymenoptera: Vespidae). <i>Ethology</i> , 2009, 115, 738-746.	1.1	4
106	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
107	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
108	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

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109	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
110	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
111	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
112	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. <i>Wilson Journal of Ornithology</i> , 2018, 130, 792-796.	0.2	2
113	Diurnal and nocturnal foraging specialisation in Neotropical army ants. <i>Ecological Entomology</i> , 2021, 46, 352-359.	2.2	2
114	<i>Mischocyttarus</i> . , 2020, , 1-6.		2
115	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
116	Head-to-body size allometry in wasps ( <i>Vespidae</i> ): does brain housing constrain the evolution of small body sizes?. <i>Insectes Sociaux</i> , 2019, 66, 647-651.	1.2	1
117	<i>Mischocyttarus</i> . , 2021, , 593-598.		1
118	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> , 2019, 46, 101-110.	1.0	0
119	Caste. , 2009, , 133-135.		0
120	Implications of iterative communication for biological system performance. <i>Journal of Theoretical Biology</i> , 2018, 436, 93-104.	1.7	0
121	Caste: Social Insects. , 2021, , 188-192.		0
122	Brain Development and Brain Evolution. , 2021, , 131-133.		0
123	Brain Development And Evolution In Social Insects. , 2018, , .		0
124	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