

Expression of insulin pathway genes during the period of bee, *Apis mellifera*

Insect Molecular Biology

15, 597-602

DOI: [10.1111/j.1365-2583.2006.00681.x](https://doi.org/10.1111/j.1365-2583.2006.00681.x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	On the Genetics of Altruism and the Counterâ€ Hedonic Components in Human Culture¹. Journal of Social Issues, 1972, 28, 21-37.	1.9	112
2	ECOLOGICAL ASPECTS OF ADAPTIVE RADIATION IN BIRDS. Biological Reviews, 1975, 50, 167-214.	4.7	35
3	Grooming and pollen manipulation in bees (Apoidea): the nature and evolution of movements involving the foreleg. Physiological Entomology, 1976, 1, 179-194.	0.6	68
4	DISPERSAL ECOLOGY OF CAREX PEDUNCULATA (CYPERACEAE), A NEW NORTH AMERICAN MYRMECOCHORE. American Journal of Botany, 1976, 63, 1071-1079.	0.8	53
5	THE EVOLUTION OF SOCIAL BEHAVIOR IN PRIMITIVELY SOCIAL BEES: A MULTIVARIATE ANALYSIS. Evolution; International Journal of Organic Evolution, 1976, 30, 234-240.	1.1	33
6	THE EXTRAFLOREAL NECTARIES OF IPOMOEA CARNEA (CONVOLVULACEAE). American Journal of Botany, 1977, 64, 1182-1188.	0.8	89
7	Physical structure of an ant community in semi-arid Australia. Austral Ecology, 1977, 2, 107-120.	0.7	66
8	ONE ORGANISM, SEVERAL BRAINS: EVOLUTION AND DEVELOPMENT OF THE INSECT CENTRAL NERVOUS SYSTEM. Annals of the New York Academy of Sciences, 1977, 299, 59-71.	1.8	13
9	Relationships and higher classification of some Tenebrionidae and Zopheridae (Coleoptera). Systematic Entomology, 1979, 4, 333-377.	1.7	76
10	Ant species distribution in a sandy coastal plain. Ecological Entomology, 1980, 5, 189-204.	1.1	25
11	A population study in Jamaica on adult Sceliphron assimile (Dahlbom) (Hymenoptera: Sphecidae). Ecological Entomology, 1980, 5, 19-30.	1.1	13
12	The ecological role of ants (Formicidae) in the ecosystem. African Journal of Ecology, 1980, 18, 113-121.	0.4	8
13	Foraging patterns in three sympatric forest ant species, <i>Prenolepis imparis</i>, <i>Paratrechina melanderi</i> and <i>Aphaenogaster rudis</i> (Hymenoptera: Formicidae). Ecological Entomology, 1980, 5, 353-371.	1.1	101
14	The effects of a fluctuating environment on the water relations of larval Lepidoptera. Ecological Entomology, 1980, 5, 271-292.	1.1	41
15	Successful and unsuccessful development of colonies of <i>Vespula vulgaris</i> (Linn.) (Hymenoptera: Tj ETQq0 0 Q rgBT /Overlock 10 T	1.1	22
16	ALLOZYME VARIATION, COLONY STRUCTURE AND GENETIC RELATEDNESS IN THE PRIMITIVE ANT NOTHOMYRMEDIA MACROPS CLARK (HYMENOPTERA: FORMICIDAE). Australian Journal of Entomology, 1981, 20, 177-183.	1.1	29
17	SIMILARITY OF AMINO ACIDS IN NECTAR AND LARVAL SALIVA: THE NUTRITIONAL BASIS FOR TROPHALLAXIS IN SOCIAL WASPS. Evolution; International Journal of Organic Evolution, 1982, 36, 1318-1322.	1.1	51
18	PolyÃ©thisme et RÃ©partition des Niveaux d'ActivitÃ© chez la Fourmi <i>Lasius niger</i> L.. Zeitschrift FÃ¼r Tierpsychologie, 1983, 63, 213-232.	0.2	25

#	ARTICLE	IF	CITATIONS
19	Prey Capture and Feeding in the Social Spider <i>Anelosimus eximius</i> . <i>Zeitschrift für Tierpsychologie</i> , 1983, 61, 334-340.	0.2	50
20	INTRASPECIFIC GENETIC VARIATION AND HAPLODIPLOIDY, EUSOCIALITY, AND POLYGyny IN THE HYMENOPTERA. <i>Evolution; International Journal of Organic Evolution</i> , 1983, 37, 540-545.	1.1	59
21	ANT INHIBITION OF POLLEN FUNCTION: A POSSIBLE REASON WHY ANT POLLINATION IS RARE. <i>American Journal of Botany</i> , 1984, 71, 421-426.	0.8	85
22	Burying beetles: intraspecific interactions and reproductive success in the field. <i>Ecological Entomology</i> , 1984, 9, 195-203.	1.1	131
23	INTERACTIONS BETWEEN A MYRMECOPHAGOUS ANT AND A PREY SPECIES. <i>Australian Journal of Entomology</i> , 1984, 23, 167-168.	1.1	5
24	Trophallaxis by temporal subcastes in the fire ant, <i>Solenopsis invicta</i> , in response to honey. <i>Physiological Entomology</i> , 1985, 10, 105-111.	0.6	10
25	Phenological relationships of wasps, bumblebees, their mimics and insectivorous birds in northern Michigan. <i>Ecological Entomology</i> , 1985, 10, 99-110.	1.1	33
26	A video-based study of the role of workers in the movement of queens in the polygynous ant <i>Myrmica rubra</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1985, 37, 143-148.	0.7	5
27	Techniques for studying the execution of foreign queens by temporal subcastes in fire ants (<i>Solenopsis invicta</i>). <i>Entomologia Experimentalis Et Applicata</i> , 1985, 37, 289-295.	0.7	4
28	THE VULNERABILITY OF POLLEN AND FUNGAL SPORES TO ANT SECRETIONS: EVIDENCE AND SOME EVOLUTIONARY IMPLICATIONS. <i>American Journal of Botany</i> , 1985, 72, 606-614.	0.8	75
29	Circadian locomotor rhythms in individual honeybees. <i>Physiological Entomology</i> , 1985, 10, 191-197.	0.6	67
30	KIN RECOGNITION: FUNCTIONS AND MECHANISMS A REVIEW. <i>Biological Reviews</i> , 1986, 61, 63-93.	4.7	196
31	Life history and parental behaviour of a dung beetle from neotropical rainforest, <i>Copris laeviceps</i> (Coleoptera, Scarabaeidae). <i>Journal of Zoology</i> , 1986, 209, 319-326.	0.8	13
32	A Mathematical Model of Evolutionary Pressures Regulating Self-Preservation and Self-Destruction. <i>Suicide and Life-Threatening Behavior</i> , 1986, 16, 166-181.	0.9	32
33	EVOLUTIONARY ETHICS: A PHOENIX ARISEN. <i>Zygon</i> , 1986, 21, 95-112.	0.2	75
34	Effect of queen number on the production of sexuals in natural populations of the fire ant, <i>Solenopsis invicta</i> . <i>Physiological Entomology</i> , 1987, 12, 109-116.	0.6	56
35	Egg hatching inhibition: field evidence for population regulation in a treehole mosquito. <i>Ecological Entomology</i> , 1987, 12, 395-399.	1.1	31
36	Communication of leaf suitability by gregarious eastern tent caterpillars (<i>Malacosoma</i>)	1.1	15

#	ARTICLE	IF	CITATIONS
37	Maternal behaviour of a webspinner (Order Embiidina). <i>Ecological Entomology</i> , 1987, 12, 1-11.	1.1	32
38	OVARIAN INHIBITION AMONG NESTMATES OF <i>EXONEURA BICOLOR</i> SMITH (HYMENOPTERA: XYLOCOPINAE). <i>Australian Journal of Entomology</i> , 1987, 26, 355-359.	1.1	15
39	PROPAGATION OF HIVES OF <i>TRIGONA CARBONARIA</i> SMITH (HYMENOPTERA: APIDAE). <i>Australian Journal of Entomology</i> , 1988, 27, 303-304.	1.1	28
40	ASPECTS OF THE BIOLOGY OF THE PRIMITIVE ANT GENUS <i>MYRMECIA</i> F. (HYMENOPTERA: FORMICIDAE). <i>Australian Journal of Entomology</i> , 1988, 27, 305-309.	1.1	18
41	A NEW AUSTRALIAN SPECIES OF COMMUNAL GROUND NESTING WASP, IN THE GENUS <i>SPILOMENA</i> SHUCKARD (HYMENOPTERA: SPHECIDAE: PEMPHREDONINAE). <i>Australian Journal of Entomology</i> , 1988, 27, 221-232.	1.1	9
42	The chemosensory behaviour of <i>Lithobius forficatus</i> (Myriapoda: Chilopoda). 2. Bioassay and chemistry of the coxal pheromone. <i>Journal of Zoology</i> , 1988, 215, 523-535.	0.8	8
43	Social control of egg-laying rate in queens of the fire ant, <i>Solenopsis invicta</i> *. <i>Physiological Entomology</i> , 1988, 13, 327-350.	0.6	74
44	Nest founding and nest survival in a eusocial halictine bee, <i>Lasioglossum duplex</i> : Additional observations. <i>Researches on Population Ecology</i> , 1989, 31, 139-151.	0.9	9
45	TESTING SCENARIOS: WASP SOCIAL BEHAVIOR. <i>Cladistics</i> , 1989, 5, 131-144.	1.5	167
46	A relationship between black rats (<i>Rattus rattus</i>), Seychelles fruit bats (<i>Pteropus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TTS Aldabra Atoll, Seychelles. <i>Journal of Zoology</i> , 1989, 218, 332-334.	0.8	12
47	Thermoregulation in army ant bivouacs. <i>Physiological Entomology</i> , 1989, 14, 397-404.	0.6	53
48	On the relationship between queen number and fecundity in polygyne colonies of the fire ant <i>Solenopsis invicta</i> . <i>Physiological Entomology</i> , 1989, 14, 223-232.	0.6	69
49	On the Universality of Human Nature and the Uniqueness of the Individual: The Role of Genetics and Adaptation. <i>Journal of Personality</i> , 1990, 58, 17-67.	1.8	1,003
50	Tests of four hypotheses on soldier production, by using wild colonies of <i>Pheidole fervida</i> F. Smith (Hymenoptera: Formicidae). <i>Researches on Population Ecology</i> , 1990, 32, 113-117.	0.9	5
51	Desiccation resistance in arboreal and terrestrial ants. <i>Physiological Entomology</i> , 1990, 15, 23-35.	0.6	136
52	Colony success of the submissive ant <i>Formica fusca</i> within territories of the dominant <i>Formica polyctena</i> . <i>Ecological Entomology</i> , 1990, 15, 79-85.	1.1	50
53	BIOLOGY AND THE SOCIAL SCIENCES. <i>Zygon</i> , 1990, 25, 245-262.	0.2	8
54	CHEMICAL COMMUNICATION IN INSECT COMMUNITIES: A GUIDE TO INSECT PHEROMONES WITH SPECIAL EMPHASIS ON SOCIAL INSECTS. <i>Biological Reviews</i> , 1990, 65, 227-247.	4.7	71

#	ARTICLE	IF	CITATIONS
55	EVOLUTION OF MONOGAMY IN TERMITES. <i>Biological Reviews</i> , 1991, 66, 83-97.	4.7	55
56	The role of larval nutrition in pre-imaginal biasing of caste in the primitively eusocial wasp <i>Ropalidia marginata</i> (Hymenoptera: Vespidae). <i>Ecological Entomology</i> , 1991, 16, 435-440.	1.1	51
57	Mating strategy and isolation between the two forms, macrogyna and microgyna, of <i>Myrmica ruginodis</i> (Hym. Formicidae). <i>Ecological Entomology</i> , 1991, 16, 411-423.	1.1	42
58	Le comportement prÃ©dateur de <i>Pachycondyla soror</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1991, 58, 123-135.	0.7	10
59	Interference competition in desert subterranean termites. <i>Entomologia Experimentalis Et Applicata</i> , 1991, 61, 83-90.	0.7	20
60	NOTES ON THE EXCAVATION OF A NEST OF <i>MELOPHORUS BAGOTI</i> LUBBOCK IN THE NORTHERN TERRITORY, AUSTRALIA (HYMENOPTERA: FORMICIDAE). <i>Australian Journal of Entomology</i> , 1992, 31, 247-248.	1.1	13
61	PHYLOGENETIC RELATIONSHIPS AMONG PAPER WASP SOCIAL PARASITES AND THEIR HOSTS (HYMENOPTERA: Tj ETQq0 0 0 rgBT /Over	1.5	60
62	Forager polymorphism, size-matching, and load delivery in the leaf-cutting ant, <i>Atta cephalotes</i> . <i>Ecological Entomology</i> , 1994, 19, 57-64.	1.1	41
63	Reproductive and subsocial behaviour in the ovoviviparous leaf beetle <i>Gonioctena sibirica</i> (Coleoptera: Chrysomelidae). <i>Ecological Entomology</i> , 1995, 20, 367-373.	1.1	34
64	A phylogenetic analysis of the fungus-growing ants (Hymenoptera: Formicidae: Attini) based on morphological characters of the larvae. <i>Systematic Entomology</i> , 1995, 20, 337-370.	1.7	145
65	Physiological correlates to courtship, mating, ovarian development and maternal behaviour in the ring-legged earwig. <i>Physiological Entomology</i> , 1995, 20, 257-265.	0.6	26
66	The social structure and dominance hierarchy of the Mashona mole-rat, <i>Cryptomys darlingi</i> (Rodentia: Bathyergidae) from Zimbabwe. <i>Journal of Zoology</i> , 1996, 240, 221-231.	0.8	20
67	ARTIFICIAL SELECTION ON HORN LENGTH–BODY SIZE ALLOMETRY IN THE HORNED BEETLE <i>ONTHOPHAGUS ACUMINATUS</i> (COLEOPTERA: SCARABAEIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 1219-1230.	1.1	208
68	Mating structure and nestmate relatedness in a communal bee, <i>Andrena jacobii</i> (Hymenoptera,) Tj ETQq1 1 0,784314 rgBT /Over	2.0	125
69	Population and colony structure of the carpenter ant <i>Camponotus floridanus</i> . <i>Molecular Ecology</i> , 1996, 5, 785-792.	2.0	53
70	THE EVOLUTION OF PARASITES FROM THEIR HOSTS: A CASE STUDY IN THE PARASITIC RED ALGAE. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1068-1078.	1.1	38
71	Rearing of Non-Descendant Offspring in an Allodapine Bee, <i>Exoneura bicolor</i> Smith (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	13
72	Ants of Forest and Fallow Plots in Nigeria1. <i>Biotropica</i> , 1997, 29, 93-99.	0.8	14

#	ARTICLE	IF	CITATIONS
73	The colony structure and social organization of the giant Zambian mole-rat, <i>Cryptomys mechowii</i> . <i>Journal of Zoology</i> , 1998, 244, 51-61.	0.8	35
74	Division of Labour and Extended Parenting in a Desert Tenebrionid Beetle. <i>Ethology</i> , 1999, 105, 37-56.	0.5	25
75	Ant-Homoptera Interactions in a Neotropical Savanna: The Honeydew-Producing Treehopper, <i>Guayaquila xiphias</i> (Membracidae), and its Associated Ant Fauna on <i>Didymopanax vinosum</i> (Araliaceae)1. <i>Biotropica</i> , 1999, 31, 135-144.	0.8	99
76	NESTMATE RECOGNITION AND KIN RECOGNITION IN ANTS. <i>Insect Science</i> , 2000, 7, 71-96.	1.5	2
78	Social influence of larvae on ovarian maturation in primary and secondary reproductives of the dampwood termite <i>Zootermopsis angusticollis</i> . <i>Physiological Entomology</i> , 2001, 26, 78-85.	0.6	9
81	The East Usambara tree-hole crab (Brachyura: Potamoidea: Potamonautidae)â€”a striking example of crustacean adaptation in closed canopy forest, Tanzania. <i>African Journal of Ecology</i> , 2002, 40, 26-34.	0.4	17
82	Group effects on insecticide toxicity in workers of the Formosan subterranean termite, <i>Coptotermes formosanus</i> Shiraki. <i>Pest Management Science</i> , 2002, 58, 769-774.	1.7	26
83	Behavioral Phylogeny of Corbiculate Apidae (Hymenoptera; Apinae), with Special Reference to Social Behavior. <i>Cladistics</i> , 2002, 18, 137-153.	1.5	65
84	STATISTICAL ANALYSIS OF HONEYBEE SURVIVAL AFTER CHRONIC EXPOSURE TO INSECTICIDES. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 3088.	2.2	69
85	Parasitic exploitation as an engine of diversity. <i>Biological Reviews</i> , 2003, 78, 639-675.	4.7	91
86	QUEEN SIZE MEDIATES QUEEN SURVIVAL AND COLONY FITNESS IN HARVESTER ANTS. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2179-2183.	1.1	66
87	Pheromone trail decay rates on different substrates in the Pharaoh's ant, <i>Monomorium pharaonis</i> . <i>Physiological Entomology</i> , 2003, 28, 192-198.	0.6	75
89	Queen lifespan and colony longevity in the ant <i>Harpegnathos saltator</i> . <i>Ecological Entomology</i> , 2004, 29, 203-207.	1.1	21
90	Queen Execution and Caste Conflict in the Stingless Bee <i>Melipona beecheii</i> . <i>Ethology</i> , 2004, 110, 725-736.	0.5	54
91	Influence of environmental conditions on the expression of the sexual dispersal phenotype in a lower termite: implications for the evolution of workers in termites. <i>Evolution & Development</i> , 2004, 6, 342-352.	1.1	61
92	Developmental regulation of caste-specific characters in social-insect polyphenism. <i>Evolution & Development</i> , 2005, 7, 122-129.	1.1	112
93	Cladistic analysis of the fire ants of the <i>Solenopsis saevissima</i> species-group (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 T	0.7	78
94	Restricted gene flow between two social forms in the ant <i>Formica truncorum</i> . <i>Journal of Evolutionary Biology</i> , 2005, 18, 978-984.	0.8	34

#	ARTICLE	IF	CITATIONS
95	The functions of societies and the evolution of group living: spider societies as a test case. <i>Biological Reviews</i> , 2005, 80, 347.	4.7	136
96	Gene expression profiles among immature and adult reproductive castes of the termite <i>Reticulitermes flavipes</i> . <i>Insect Molecular Biology</i> , 2005, 14, 31-44.	1.0	112
97	Getting a buzz out of the bee genome. <i>Genome Biology</i> , 2006, 7, 239.	13.9	2
98	Ecological morphospace of New World ants. <i>Ecological Entomology</i> , 2006, 31, 131-142.	1.1	116
99	The reproductive biology of <i>Ptomascopus morio</i> , a brood parasite of <i>Nicrophorus</i> . <i>Journal of Zoology</i> , 2001, 255, 543-560.	0.8	36
100	Communal Relationships in a Social Spider Mite, <i>Stigmaeopsis longus</i> (Acari: Tetranychidae): An Equal Share of Labor and Reproduction between Nest Mates. <i>Ethology</i> , 2006, 112, 134-142.	0.5	12
101	Looking for Food: Molecular Neuroethology of Invertebrate Feeding Behavior. <i>Ethology</i> , 2006, 112, 826-832.	0.5	0
102	Testing homology with morphology, development and gene expression: sex-specific thoracic appendages of the ant <i>Diacamma</i> . <i>Evolution & Development</i> , 2006, 8, 433-445.	1.1	11
103	A deficit of detoxification enzymes: pesticide sensitivity and environmental response in the honeybee. <i>Insect Molecular Biology</i> , 2006, 15, 615-636.	1.0	599
104	Immune pathways and defence mechanisms in honey bees <i>Apis mellifera</i> . <i>Insect Molecular Biology</i> , 2006, 15, 645-656.	1.0	855
105	Caste development and reproduction: a genome-wide analysis of hallmarks of insect eusociality. <i>Insect Molecular Biology</i> , 2006, 15, 703-714.	1.0	73
106	Sweetness and light: illuminating the honey bee genome. <i>Insect Molecular Biology</i> , 2006, 15, 535-539.	1.0	23
107	Wilson and the Unification of Science. <i>Annals of the New York Academy of Sciences</i> , 2006, 1093, 46-73.	1.8	2
108	Host defense in <i>Nicrophorus quadripunctatus</i> against brood parasitism by <i>Ptomascopus morio</i> (Coleoptera: Silphidae: Nicrophorinae). <i>Population Ecology</i> , 2006, 48, 167-171.	0.7	2
109	Dynamic matching of forager size to resources in the continuously polymorphic leaf-cutter ant, <i>Atta colombica</i> (Hymenoptera, Formicidae). <i>Ecological Entomology</i> , 2006, 31, 629-635.	1.1	15
110	Presence of a thermoregulatory hot spot in the prothorax of the large carpenter bee and the bumble bee. <i>Microscopy Research and Technique</i> , 2006, 69, 903-912.	1.2	7
111	Immunity and reproduction during colony foundation in the dampwood termite, <i>Zootermopsis angusticollis</i> . <i>Physiological Entomology</i> , 2007, 32, 136-142.	0.6	33
112	Vitellogenin, juvenile hormone, insulin signaling, and queen honey bee longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7128-7133.	3.3	553

#	ARTICLE	IF	CITATIONS
113	The Making of a Queen: TOR Pathway Is a Key Player in Diphenic Caste Development. PLoS ONE, 2007, 2, e509.	1.1	257
114	The making of a social insect: developmental architectures of social design. BioEssays, 2007, 29, 334-343.	1.2	148
115	Experimental manipulation of ovary activation and gene expression in honey bee (<i>Apis mellifera</i>) queens and workers: testing hypotheses of reproductive regulation. Journal of Experimental Zoology, 2007, 307A, 600-610.	1.2	61
116	Molecular determinants of caste differentiation in the highly eusocial honeybee <i>Apis mellifera</i> . BMC Developmental Biology, 2007, 7, 70.	2.1	226
117	Hornet Flight Activity and its Correlation with UVB Radiation, Temperature and Relative Humidity. Photochemistry and Photobiology, 2007, 84, 070924063618004-???	1.3	18
118	Age polyethism in the leaf-cutting ant <i>Acromyrmex subterraneus brunneus</i> Forel, 1911 (Hym.,) Tj ETQq1 1.0,784314,rgBT /Ove	0.8	75
119	Pheromonal dominance and the selection of a socially parasitic honeybee worker lineage (<i>Apis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	0.8	33
120	Genetic population structure, queen supersedure and social polymorphism in a social Hymenoptera. Journal of Evolutionary Biology, 2007, 20, 1351-1360.	0.8	29
121	Population structure and the co-evolution between social parasites and their hosts. Molecular Ecology, 2007, 16, 2063-2078.	2.0	38
122	Genome-wide analysis reveals differences in brain gene expression patterns associated with caste and reproductive status in honey bees (<i>Apis mellifera</i>). Molecular Ecology, 2007, 16, 4837-4848.	2.0	191
123	The role of prey size and abundance in the geographical distribution of spider sociality. Journal of Animal Ecology, 2007, 76, 995-1003.	1.3	68
124	Cannibalism and kin recognition in <i>Delena cancerides</i> (Araneae: Sparassidae), a social huntsman spider. Journal of Zoology, 2007, 271, 233-237.	0.8	22
125	Behavioral Genomics: A, Bee, C, G, T. Current Biology, 2007, 17, R51-R53.	1.8	5
126	Captive breeding and the conservation of invertebrates. International Zoo Yearbook, 1991, 30, 45-51.	1.0	10
127	Natural history, field collection and captive management of the Honey ant: <i>Myrmecocystus mexicanus</i> . International Zoo Yearbook, 1991, 30, 108-117.	1.0	3
128	Evo-devo and the evolution of social behavior. Trends in Genetics, 2007, 23, 334-341.	2.9	278
129	Serial monodomy in ants: an antipredator strategy?. Ecological Entomology, 2007, 32, 621-626.	1.1	11
130	Wasp Gene Expression Supports an Evolutionary Link Between Maternal Behavior and Eusociality. Science, 2007, 318, 441-444.	6.0	251

#	ARTICLE	IF	CITATIONS
131	Identification of the proteome complement of high royal jelly producing bees (<i>Apis mellifera</i>) during worker larval development. <i>Apidologie</i> , 2007, 38, 545-557.	0.9	24
132	Evolution and mechanisms of long life and high fertility in queen honey bees. <i>Age</i> , 2008, 30, 177-185.	3.0	98
133	Identification of Quantitative Trait Loci and Candidate Genes Influencing Ethanol Sensitivity in Honey Bees. <i>Behavior Genetics</i> , 2008, 38, 531-553.	1.4	14
134	Genetic caste determination in termites: out of the shade but not from Mars. <i>BioEssays</i> , 2008, 30, 299-302.	1.2	9
135	Validation of reference genes for gene expression studies in the honey bee, <i>Apis mellifera</i> , by quantitative real-time RT-PCR. <i>Apidologie</i> , 2008, 39, 372-385.	0.9	292
136	Deterrent effect of a guild of extrafloral nectary-visiting ant species on <i>Raphidopalpa Afoveicollis</i> , a major insect pest of sponge gourd, <i>Luffa cylindrica</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2008, 128, 303-311.	0.7	16
137	The cost of defense in social insects: insights from the honey bee. <i>Entomologia Experimentalis Et Applicata</i> , 2008, 129, 1-10.	0.7	32
138	Ecological specialization and the evolution of a specialized caste in <i>Cephalotes</i> ants. <i>Functional Ecology</i> , 2008, 22, 902-911.	1.7	108
139	Genetic and genomic analyses of the division of labour in insect societies. <i>Nature Reviews Genetics</i> , 2008, 9, 735-748.	7.7	313
140	Numerical abundance of invasive ants and monopolisation of exudate-producing resources – a chicken and egg situation. <i>Insect Conservation and Diversity</i> , 2008, 1, 208-214.	1.4	9
141	Life history and development – a framework for understanding developmental plasticity in lower termites. <i>Biological Reviews</i> , 2008, 83, 295-313.	4.7	166
142	Living with relatives: lessons from avian family systems*. <i>Ibis</i> , 1996, 138, 87-100.	1.0	9
143	Spring Usurpation Restlessness: A Wasp Social Parasite Adapts its Seasonal Activity to the Host Cycle. <i>Ethology</i> , 2008, 114, 782-788.	0.5	15
144	Maternal Food Regurgitation to Nymphs in Earwigs (<i>Forficula auricularia</i>). <i>Ethology</i> , 2008, 114, 844-850.	0.5	41
145	Organism size promotes the evolution of specialized cells in multicellular digital organisms. <i>Journal of Evolutionary Biology</i> , 2008, 21, 104-110.	0.8	26
146	Phylogenetic systematics of the subfamily Polyphaginae, with the assignment of <i>Cryptocercus</i> Scudder, 1862 to this taxon (Blattaria, Blaberoidea, Polyphagidae). <i>Systematic Entomology</i> , 1994, 19, 145-158.	1.7	24
147	<i>Adetomyrma</i> , an enigmatic new ant genus from Madagascar (Hymenoptera: Formicidae), and its implications for ant phylogeny. <i>Systematic Entomology</i> , 1994, 19, 159-175.	1.7	41
148	Age, caste, and behavior determine the replicative activity of intestinal stem cells in honeybees (<i>Apis</i>)	TJ ETQq1 1 0.784314 rgBT /Ove 1.2 25	

#	ARTICLE	IF	CITATIONS
149	The insulin signaling pathway in honey bee (<i>Apis mellifera</i>) caste development – differential expression of insulin-like peptides and insulin receptors in queen and worker larvae. <i>Journal of Insect Physiology</i> , 2008, 54, 1064-1071.	0.9	133
150	Insulin signaling is involved in the regulation of worker division of labor in honey bee colonies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4226-4231.	3.3	289
151	Microsatellite development suggests evidence of polyploidy in the social sponge-dwelling snapping shrimp <i>Zuzalpheus brooksi</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 890-894.	2.2	8
152	Resources exploitation by ants facilitates lizard egg survival. <i>Ecological Entomology</i> , 2008, 33, 555-559.	1.1	5
153	Food limitation in the fungus-gardening ant, <i>Trachymyrmex septentrionalis</i> . <i>Ecological Entomology</i> , 2008, 33, 597-607.	1.1	31
154	Reference Gene Selection for Insect Expression Studies Using Quantitative Real-Time PCR: The Head of the Honeybee, <i>Apis mellifera</i> , After a Bacterial Challenge. <i>Journal of Insect Science</i> , 2008, 8, 1-10.	0.6	236
155	A meta-analysis of ant social parasitism: host characteristics of different parasitism types and a test of Emery's rule. <i>Ecological Entomology</i> , 2008, 33, 589-596.	1.1	52
156	Purification and characterization of an insulin-related peptide in the desert locust, <i>Schistocerca gregaria</i> : immunolocalization, cDNA cloning, transcript profiling and interaction with neuroparsin. <i>Journal of Molecular Endocrinology</i> , 2008, 40, 137-150.	1.1	66
157	Importance of multiple mating to female reproductive output in <i>Diaphorina citri</i> . <i>Physiological Entomology</i> , 2008, 33, 316-321.	0.6	24
158	Polymorphism: a weak influence on worker aggregation level in ants. <i>Ecological Entomology</i> , 2008, 33, 225-231.	1.1	6
159	Integumentary Systems. , 2008, , 75-135.		1
160	***Bold terms are meant to indicate importance and/or inclusion in the Glossary. <i>Endocrine Systems</i> , 2008, , 1-74.		4
161	Aggression in imported fire ants: an explanation for shifts in their spatial distributions in Southern United States?. <i>Ecological Entomology</i> , 2009, 34, 427-436.	1.1	22
162	DNA methylation is widespread and associated with differential gene expression in castes of the honeybee, <i>Apis mellifera</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11206-11211.	3.3	303
163	The Genetic Basis of Transgressive Ovary Size in Honeybee Workers. <i>Genetics</i> , 2009, 183, 693-707.	1.2	67
164	Nests of the leaf-cutting ant <i>Atta vollenweideri</i> as accelerators of succession in pastures. <i>Zeitschrift für Angewandte Entomologie</i> , 2009, 86, 25-34.	0.0	51
165	Population dynamics of leaf-cutting ant nests in a Paraguayan pasture. <i>Zeitschrift für Angewandte Entomologie</i> , 2009, 87, 281-293.	0.0	12
166	Zur Altersresistenz der Kleinen Roten Waldameise <i>Formica polyctena</i> Foerst. (Hymenoptera, Tj ETQq1 1 0.784314 rgBT /Overlo	0,0	3

#	ARTICLE	IF	CITATIONS
167	Anisometric brain dimorphism revisited: Implementation of a volumetric 3D standard brain in <i>Manduca sexta</i> . <i>Journal of Comparative Neurology</i> , 2009, 517, 210-225.	0.9	92
168	Characterization of four esterase genes and esterase activity from the gut of the termite <i>Reticulitermes flavipes</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2010, 73, 30-48.	0.6	36
169	Gene flow is maintained by polyandry and male dispersal in the army ant <i>Eciton burchellii</i> . <i>Population Ecology</i> , 2009, 51, 227-236.	0.7	23
170	Lipid stores, ovary development, and brain gene expression in <i>Polistes metricus</i> females. <i>Insectes Sociaux</i> , 2009, 56, 77-84.	0.7	95
171	Population history in social spiders repeated: colony structure and lineage evolution in <i>Stegodyphus mimosarum</i> (Eresidae). <i>Molecular Ecology</i> , 2009, 18, 2812-2818.	2.0	27
172	Carry-over effect of larval settlement cue on postlarval gene expression in the marine gastropod <i>Haliotis asinina</i> . <i>Molecular Ecology</i> , 2009, 18, 4434-4449.	2.0	26
173	Litter Biomass and Nutrient Determinants of Ant Density, Nest Size, and Growth in a Costa Rican Tropical Wet Forest. <i>Biotropica</i> , 2009, 41, 234-240.	0.8	45
174	Oocyte membrane localization of vitellogenin receptor coincides with queen flying age, and receptor silencing by RNAi disrupts egg formation in fire ant virgin queens. <i>FEBS Journal</i> , 2009, 276, 3110-3123.	2.2	58
175	GENES WITH SOCIAL EFFECTS ARE EXPECTED TO HARBOR MORE SEQUENCE VARIATION WITHIN AND BETWEEN SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1685-1696.	1.1	96
176	Emergence and Consequences of Division of Labor in Associations of Normally Solitary Sweat Bees. <i>Ethology</i> , 2009, 115, 301-310.	0.5	50
177	What do human economies, large islands and forest fragments reveal about the factors limiting ecosystem evolution?. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1-12.	0.8	24
178	Social behaviour of spitting spiders (Araneae: Scytodidae) from Singapore. <i>Journal of Zoology</i> , 2009, 278, 74-81.	0.8	4
179	Conservation of key members in the course of the evolution of the insulin signaling pathway. <i>BioSystems</i> , 2009, 95, 7-16.	0.9	20
180	Evo-Devo and the Evolution of Social Behavior: Brain Gene Expression Analyses in Social Insects. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2009, 74, 419-426.	2.0	34
181	The carrying of ants (<i>Cataglyphis bicolor</i> Fab.) by others of the same nest. <i>Journal of Zoology</i> , 2009, 183, 419-430.	0.8	7
182	Behaviour of the Indian social wasp <i>Ropalidia cyathiformis</i> on a nest of separate combs (Hymenoptera: Tj ETQq1 1 0,784314,rgBT /Ome	0,8	23
183	Trail pheromones of ants. <i>Physiological Entomology</i> , 2009, 34, 1-17.	0.6	144
184	Lifetime monogamy and the evolution of eusociality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 3191-3207.	1.8	321

#	ARTICLE	IF	CITATIONS
185	Regulation of Honeybee Worker (<i>Apis mellifera</i>) Life Histories by Vitellogenin. , 2009, , 1003-1027.		15
186	Endocrine Influences on the Organization of Insect Societies. , 2009, , 1027-1070.		24
187	DNA barcoding a regional bee (Hymenoptera: Apoidea) fauna and its potential for ecological studies. Molecular Ecology Resources, 2009, 9, 196-207.	2.2	130
188	Horizontal transmission of <i>Nosema ceranae</i> (Microsporidia) from worker honeybees to queens (<i>Apis mellifera</i>). Environmental Microbiology Reports, 2009, 1, 495-498.	1.0	60
189	Sensory allometry, foraging task specialization and resource exploitation in honeybees. Behavioral Ecology and Sociobiology, 2010, 64, 955-966.	0.6	32
190	A nutritional profile of the social wasp <i>Polistes metricus</i> : Differences in nutrient levels between castes and changes within castes during the annual life cycle. Journal of Insect Physiology, 2010, 56, 42-56.	0.9	33
191	Ovarian development and insulin-signaling pathways during reproductive differentiation in the queenless ponerine ant <i>Diacamma</i> sp.. Journal of Insect Physiology, 2010, 56, 288-295.	0.9	40
192	Äœber KoloniegrÄ¼ndung und soziale Bindung von <i>Stegodyphus mimosarum</i> Pavesi und anderen sozialen Spinnen. Zeitschrift fÄ¼r Tierpsychologie, 1973, 32, 522-531.	0.2	8
193	Division of Labor and Queen Influence in Laboratory Colonies of <i>Polistes metricus</i> (Hymenoptera; Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	20
194	The Effect of Early Experience on the Development of â€œAggressiveâ€ Behaviour in <i>Formica lugubris</i> Zett. (Hymenoptera: Formicidae) ¹ . Zeitschrift fÄ¼r Tierpsychologie, 1984, 65, 241-249.	0.2	13
195	Social Organisation in the Indian Wasp <i>Ropalidia cyathiformis</i> (Fab.) (Hymenoptera: Vespidae). Zeitschrift fÄ¼r Tierpsychologie, 1984, 64, 15-32.	0.2	55
196	Ants as Prey of Juvenile <i>Anolis lineatopus</i> (Rept., Iguanidae) in Prey Choice Experiments. Zeitschrift fÄ¼r Tierpsychologie, 2010, 65, 66-76.	0.2	8
197	Hilltopping Behavior of <i>Polistes commanchus navajoe</i> (Hymenoptera: Vespidae). Ethology, 1986, 71, 42-53.	0.5	19
198	Early Learning and the Recognition of Conspecific Cocoons by Carpenter Ants (<i>Camponotus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 15	0.5	15
199	The Effect of Density and Temperature on the Swimming and Aggregating Behaviour of the Backswimmer, <i>Anisops deanei</i> (Heteroptera: Notonectidae) and Subsequent Encounter Rate with a SitÄœndÄœ Wait Predator. Ethology, 1988, 77, 44-57.	0.5	11
200	Temporal Patterns of Division of Labor among Workers in the Primitively Eusocial Bumble Bee,	0.5	69
201	<i>Sulcopolistes atrimandibularis</i> , Social Parasite and Predator of an Alpine <i>Polistes</i> (Hymenoptera, Vespidae) ¹ . Ethology, 1990, 86, 71-78.	0.5	14
202	Invasion of the Nest of <i>Polistes dominulus</i> by the Social Parasite <i>Sulcopolistes sulcifer</i> (Hymenoptera, Vespidae) ¹ . Ethology, 1990, 84, 47-59.	0.5	41

#	ARTICLE	IF	CITATIONS
203	Social Organization of <i>Cataglyphis cursor</i> Ant Colonies (Hymenoptera, Formicidae): Inter- and Intraspecific Comparisons. <i>Ethology</i> , 1990, 84, 105-122.	0.5	32
204	Behavioural Castes, Dominance and Division of Labour in a Primitively Eusocial Wasp. <i>Ethology</i> , 1991, 87, 269-283.	0.5	49
205	Eco-ethological Study on Raiding Behaviour of the European Amazon Ant, <i>Polyergus rufescens</i> Latr. (Hymenoptera: Formicidae). <i>Ethology</i> , 1991, 88, 46-62.	0.5	33
206	Conceptual Issues and Methodology in Kin-recognition Research: A Critical Discussion. <i>Ethology</i> , 1991, 88, 109-127.	0.5	90
207		0.5	29
208	Colony Integration in Honey Bees: Mechanisms of Behavioral Reversion. <i>Ethology</i> , 1992, 90, 336-348.	0.5	117
209	Cooperative Nesting in the Multivoltine Large Carpenter Bee <i>Xylocopa sulcatipes</i> Maa (Apoidea: Tj ETQq0 0,0 rgBT / Overlock 10	0.5	48
210	Nest Localization and Recognition in a Solitary Bee, <i>Lasioglossum (Dialictus) figueresi</i> Wcislo (Hymenoptera: Halictidae), in Relation to Sociality. <i>Ethology</i> , 1992, 92, 108-123.	0.5	36
211	Pedogenetic Sociogenesis via the "Sibling" route and some Consequences for <i>Stegodyphus</i> Spiders. <i>Ethology</i> , 1993, 95, 1-18.	0.5	56
212	Social Control over the Survival and Selection of Winged Virgin Queens in an Ant without Nuptial Flight: <i>Iridomyrmex humilis</i> . <i>Ethology</i> , 1993, 93, 225-235.	0.5	10
213	Parabiosis and its Proximate Mechanisms in Four Kalahari Desert Tenebrionid Beetles. <i>Ethology</i> , 1994, 98, 137-148.	0.5	12
214	Role of Nest-paper Hydrocarbons in Nestmate Recognition of <i>Dolichovespula maculata</i> (L.) Workers (Hymenoptera: Vespidae). <i>Ethology</i> , 1995, 100, 39-49.	0.5	4
215	Ineffective Maternal Care of a Subsocial Bug against a Nymphal Parasitoid: a Possible Consequence of Specialization to Predators. <i>Ethology</i> , 1996, 102, 227-235.	0.5	17
216	Inhibition of Host Queen Reproductive Capacity by the Obligate Social Parasite <i>Polistes atrimandibularis</i> (Hymenoptera, Vespidae). <i>Ethology</i> , 1996, 102, 1042-1047.	0.5	14
218	Integrating economic gain in biosocial systems. <i>Systems Research and Behavioral Science</i> , 2010, 27, 537-552.	0.9	4
219	Nutritional regulation of division of labor in honey bees: toward a systems biology perspective. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010, 2, 566-576.	6.6	100
220	Notes on the biology of the Oriental amblyoponine ant <i>Myopopone castanea</i> : Queen-worker dimorphism, worker polymorphism and larval hemolymph feeding by workers (Hymenoptera: Tj ETQq0 0 0 rgBT / Overlock 10,4f 50 97 T		
221	Language Acquisition Meets Language Evolution. <i>Cognitive Science</i> , 2010, 34, 1131-1157.	0.8	101

#	ARTICLE	IF	CITATIONS
222	The trophic ecology of castes in harvester ant colonies. <i>Functional Ecology</i> , 2010, 24, 122-130.	1.7	41
223	Neuropeptide and neurohormone precursors in the pea aphid, <i>Acyrtosiphon pisum</i> . <i>Insect Molecular Biology</i> , 2010, 19, 87-95.	1.0	132
224	Expression of genes related to reproduction and pollen foraging in honey bees (<i>Apis mellifera</i>) narcotized with carbon dioxide. <i>Insect Molecular Biology</i> , 2010, 19, 451-461.	1.0	24
225	Evolutionary variation in gene expression is associated with dimorphism in eusocial vespid wasps. <i>Insect Molecular Biology</i> , 2010, 19, 641-652.	1.0	14
226	Invasion of Nests of <i>Lasioglossum imitatum</i> by a Social Parasite, <i>Paralictus asteris</i> (Hymenoptera: Halictidae). <i>Ethology</i> , 1997, 103, 1-11.	0.5	18
227	Social Organization in the Gueat ant <i>Formicoxenus provancheri</i> . <i>Ethology</i> , 1997, 103, 149-159.	0.5	9
228	Costs and Benefits of Maternal Care in a Subsocial Spider, <i>Coelotes terrestris</i> . <i>Ethology</i> , 1997, 103, 915-925.	0.5	25
229	Trophallaxis and Aggression in the Ponerine Ant, <i>Ponera coarctata</i> : Implications for the Evolution of Liquid Food Exchange in the Hymenoptera. <i>Ethology</i> , 1997, 103, 707-722.	0.5	38
230	Division of Labour among Workers in the Termite, <i>Reticulitermes fukienensis</i> (Isoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42	0.5	26
231	Benefits and Costs of Dominance in the Angelfish <i>Centropyge bicolor</i> . <i>Ethology</i> , 2010, 116, 855-865.	0.5	12
232	The group selection controversy. <i>Journal of Evolutionary Biology</i> , 2010, 23, 6-19.	0.8	110
233	Differential Gene Expression and Protein Abundance Evince Ontogenetic Bias toward Castes in a Primitively Eusocial Wasp. <i>PLoS ONE</i> , 2010, 5, e10674.	1.1	91
234	Size abundance relationships in Florida ant communities reveal how ants break the energetic equivalence rule. <i>Ecological Entomology</i> , 2010, 35, 287-298.	1.1	16
235	Deconstructing the Superorganism: Social Physiology, Groundplans, and Sociogenomics. <i>Quarterly Review of Biology</i> , 2010, 85, 57-79.	0.0	125
237	INTRASPECIFIC PARASITISM AS AN ALTERNATIVE REPRODUCTIVE TACTIC IN NEST-BUILDING WASPS AND BEES. <i>Biological Reviews</i> , 1992, 67, 79-126.	4.7	134
238	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12168-12173.	3.3	482
239	Cockroach as the Earliest Eusocial Animal. <i>Acta Geologica Sinica</i> , 2010, 84, 793-808.	0.8	35
241	Intra-specific body size variation in <i>Polistes</i> paper wasps as a response to social parasite pressure. <i>Ecological Entomology</i> , 2010, 35, 352-359.	1.1	23

#	ARTICLE	IF	CITATIONS
242	The Ubiquity of the Insulin Superfamily Across the Eukaryotes Detected Using a Bioinformatics Approach. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 439-447.	1.0	10
243	Identification of Novel Bombyxin Genes from the Genome of the Silkworm <i>Bombyx mori</i> and Analysis of their Expression. <i>Zoological Science</i> , 2011, 28, 609-616.	0.3	49
244	Representational Difference Analysis (RDA) reveals differential expression of conserved as well as novel genes during caste-specific development of the honey bee (<i>Apis mellifera</i> L.) ovary. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 602-612.	1.2	30
245	Relationship between larval-pupal metamorphosis and transcript expression of insulin-like peptide and insulin receptor in <i>Spodoptera littoralis</i> . <i>Peptides</i> , 2011, 32, 531-538.	1.2	17
246	Transcript levels of ten caste-related genes in adult diploid males of <i>Melipona quadrifasciata</i> (Hymenoptera, Apidae): a comparison with haploid males, queens and workers. <i>Genetics and Molecular Biology</i> , 2011, 34, 698-707.	0.6	4
247	Honey Bee PTEN – Description, Developmental Knockdown, and Tissue-Specific Expression of Splice-Variants Correlated with Alternative Social Phenotypes. <i>PLoS ONE</i> , 2011, 6, e22195.	1.1	31
248	Reproductive division of labour and thelytoky result in sympatric barriers to gene flow in honeybees (<i>Apis mellifera</i> L.). <i>Journal of Evolutionary Biology</i> , 2011, 24, 286-294.	0.8	14
249	A geographical mosaic of coevolution in a slave-making host-parasite system. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1071-1079.	0.8	19
250	Larval and nurse worker control of developmental plasticity and the evolution of honey bee queen-worker dimorphism. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1939-1948.	0.8	87
251	Is There Division of Labor in Cooperative Pseudoscorpions? An Analysis of the Behavioral Repertoire of a Tropical Species. <i>Ethology</i> , 2011, 117, 498-507.	0.5	25
252	Insect insulin receptors: insights from sequence and caste expression analyses of two cloned hymenopteran insulin receptor cDNAs from the fire ant. <i>Insect Molecular Biology</i> , 2011, 20, 637-649.	1.0	42
253	Evolution and molecular mechanisms of adaptive developmental plasticity. <i>Molecular Ecology</i> , 2011, 20, 1347-1363.	2.0	311
254	Genome-wide analysis of alternative reproductive phenotypes in honeybee workers. <i>Molecular Ecology</i> , 2011, 20, 4070-4084.	2.0	60
255	Nutrition and division of labor: Effects on foraging and brain gene expression in the paper wasp <i>Polistes metricus</i> . <i>Molecular Ecology</i> , 2011, 20, 5337-5347.	2.0	60
256	Differential expression of hypoxia pathway genes in honey bee (<i>Apis mellifera</i> L.) caste development. <i>Journal of Insect Physiology</i> , 2011, 57, 38-45.	0.9	29
257	IRS and TOR nutrient-signaling pathways act via juvenile hormone to influence honey bee caste fate. <i>Journal of Experimental Biology</i> , 2011, 214, 3977-3984.	0.8	175
258	Worker demography in a large colony, swarm-founding wasp. <i>Population Ecology</i> , 2011, 53, 297-306.	0.7	4
259	Mating in the rain? Climatic variance for polyandry in the honeybee (<i>Apis mellifera jemenitica</i>). <i>Population Ecology</i> , 2011, 53, 421-427.	0.7	20

#	ARTICLE	IF	CITATIONS
260	Secretory profile of metapleural gland cells of the leaf-cutting ant <i>Acromyrmex coronatus</i> (Formicidae: Attini). <i>Microscopy Research and Technique</i> , 2011, 74, 76-83.	1.2	7
261	Insulin receptor substrate influences female caste development in honeybees. <i>Biology Letters</i> , 2011, 7, 112-115.	1.0	69
262	The genome of the fire ant <i>Solenopsis invicta</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5679-5684.	3.3	322
263	More than two decades of research on insect neuropeptide GPCRs: an overview. <i>Frontiers in Endocrinology</i> , 2012, 3, 151.	1.5	180
264	Physiological variation as a mechanism for developmental caste-biasing in a facultatively eusocial sweat bee. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1437-1446.	1.2	54
265	Insulin Modifies Honeybee Worker Behavior. <i>Insects</i> , 2012, 3, 1084-1092.	1.0	13
266	Epigenetics in Social Insects: A New Direction for Understanding the Evolution of Castes. <i>Genetics Research International</i> , 2012, 2012, 1-11.	2.0	64
267	Origins of Evolutionary Novelty. , 2012, , 449-578.		0
268	Endocrine Control of Insect Polyphenism. , 2012, , 464-522.		56
269	An evolutionary ecology of individual differences. <i>Ecology Letters</i> , 2012, 15, 1189-1198.	3.0	380
270	Severe intergenerational reproductive conflict and the evolution of menopause. <i>Ecology Letters</i> , 2012, 15, 1283-1290.	3.0	100
271	Development and evolution of caste dimorphism in honeybees – a modeling approach. <i>Ecology and Evolution</i> , 2012, 2, 3098-3109.	0.8	61
272	An evolutionary comparison of leucine-rich repeat containing G protein-coupled receptors reveals a novel LGR subtype. <i>Peptides</i> , 2012, 34, 193-200.	1.2	95
273	Primate socioecology at the crossroads: Past, present, and future. <i>Evolutionary Anthropology</i> , 2012, 21, 136-150.	1.7	122
274	Effects of social immunity and uniclonality on host-parasite interactions in invasive insect societies. <i>Functional Ecology</i> , 2012, 26, 1300-1312.	1.7	28
275	A Quantitative Index of Sociality and Its Application to Group-Living Spiders and Other Social Organisms. <i>Ethology</i> , 2012, 118, 1219-1229.	0.5	40
276	No inbreeding depression but increased sexual investment in highly inbred ant colonies. <i>Molecular Ecology</i> , 2012, 21, 5613-5623.	2.0	11
277	Transcriptome comparison between honey bee queen- and worker-destined larvae. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 665-673.	1.2	82

#	ARTICLE	IF	CITATIONS
278	Insulin-Like Peptides. , 2012, , 63-92.		72
279	Transcriptome Analysis of the Asian Honey Bee <i>Apis cerana cerana</i> . PLoS ONE, 2012, 7, e47954.	1.1	32
281	Developmental Evolution in Social Insects: Regulatory Networks from Genes to Societies. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2012, 318, 159-169.	0.6	36
282	From where did the <i>Western honeybee</i> (<i>Apis mellifera</i>) originate?. Ecology and Evolution, 2012, 2, 1949-1957.	0.8	121
283	<i>Cyp15F1</i> : A NOVEL CYTOCHROME P450 GENE LINKED TO JUVENILE HORMONE-DEPENDENT CASTE DIFFERENTIATION IN THE TERMITE <i>Reticulitermes flavipes</i> . Archives of Insect Biochemistry and Physiology, 2012, 80, 92-108.	0.6	30
284	Relationships between frontal gland formation and mandibular modification during JH III-induced presoldier differentiation in the termite <i>Reticulitermes speratus</i> (Isoptera: Rhinotermitidae). Entomological Science, 2012, 15, 56-62.	0.3	6
285	A conceptual model for the origin of worker behaviour and adaptation of eusociality. Journal of Evolutionary Biology, 2012, 25, 1-19.	0.8	53
286	Contrasting Effects of Fire on Arboreal and Ground-dwelling Ant Communities of a Neotropical Savanna. Biotropica, 2012, 44, 254-261.	0.8	55
287	Dual origins of social parasitism in North American <i>Dialictus</i> (Hymenoptera: Halictidae) confirmed using a phylogenetic approach. Cladistics, 2012, 28, 195-207.	1.5	22
288	Socially Influenced Behaviour and Learning in Locusts. Ethology, 2012, 118, 302-310.	0.5	3
289	Allocation of <i>Colony-level</i> Foraging Effort in <i>Vespula germanica</i> in Response to Food Resource Quantity, Quality, and Associated Olfactory Cues. Ethology, 2012, 118, 594-605.	0.5	12
290	Road to Royalty – Transition of Potential Queen to Queen in the Primitively Eusocial Wasp <i>Ropalidia marginata</i> . Ethology, 2012, 118, 694-702.	0.5	13
291	The scaling of colony size with nest volume in termites: a role in population dynamics?. Ecological Entomology, 2013, 38, 515-521.	1.1	9
292	Integumentary Systems. , 2013, , 89-147.		2
293	The emergence of reproductive division of labor in forced queen groups of the ant <i>Pogonomyrmex barbatus</i> . Journal of Zoology, 2013, 291, 12-22.	0.8	4
294	Evidence of a conserved functional role for DNA methylation in termites. Insect Molecular Biology, 2013, 22, 143-154.	1.0	36
295	Insulin-like peptides (AmILP1 and AmILP2) differentially affect female caste development in the honey bee (<i>Apis mellifera</i>). Journal of Experimental Biology, 2013, 216, 4347-57.	0.8	49
296	Natural selection. <i>VII</i> . History and interpretation of kin selection theory. Journal of Evolutionary Biology, 2013, 26, 1151-1184.	0.8	90

#	ARTICLE	IF	CITATIONS
297	Molecular identification of insulin-related peptide receptor and its potential role in regulating development in <i>Pinctada fucata</i> . <i>Aquaculture</i> , 2013, 408-409, 118-127.	1.7	21
298	Biased gene expression in early honeybee larval development. <i>BMC Genomics</i> , 2013, 14, 903.	1.2	80
299	Genetic underpinnings of division of labor in the honeybee (<i>Apis mellifera</i>). <i>Trends in Genetics</i> , 2013, 29, 641-648.	2.9	42
300	CLONING AND CHARACTERIZATION OF AN mRNA ENCODING AN INSULIN RECEPTOR FROM THE HORNED SCARAB BEETLE <i>Onthophagus nigriventris</i> (COLEOPTERA: SCARABAEIDAE). <i>Archives of Insect Biochemistry and Physiology</i> , 2013, 82, 43-57.	0.6	20
301	Proteomic Analysis of the Royal Jelly and Characterization of the Functions of its Derivation Glands in the Honeybee. <i>Journal of Proteome Research</i> , 2013, 12, 404-411.	1.8	76
302	The evolution of parental care in insects: the roles of ecology, life history and the social environment. <i>Ecological Entomology</i> , 2013, 38, 123-137.	1.1	120
303	Task specialization in two social spiders, <i>Sctegodyphus sarasinorum</i> (Eresidae) and <i>Antelosimus eximius</i> (Tetraloniidae). <i>Journal of Evolutionary Biology</i> , 2013, 26, 51-62.	0.8	56
304	Phylogenetic analyses of termite post-embryonic sequences illuminate caste and developmental pathway evolution. <i>Evolution & Development</i> , 2013, 15, 146-157.	1.1	21
305	Genomewide analysis indicates that queen larvae have lower methylation levels in the honey bee (<i>Apis mellifera</i>). <i>Overlook 10</i>	0.6	49
306	Signaling Systems. , 2013, , 1-87.		14
307	Morphological variability of intercastes in the ant <i>Temnothorax nylanderi</i> : pattern of trait expression and modularity. <i>Insectes Sociaux</i> , 2013, 60, 319-328.	0.7	12
308	Soldier Morphogenesis in the Wood Termite Is Regulated by the Insulin Signaling Pathway. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2013, 320, 295-306.	0.6	49
309	Assessment of trends in predation pressure on insects across temperate forest microhabitats. <i>Agricultural and Forest Entomology</i> , 2013, 15, 255-261.	0.7	5
310	Stable reference genes for the measurement of transcript abundance during larval caste development in the honeybee. <i>Apidologie</i> , 2013, 44, 357-366.	0.9	25
312	Foraging patterns and strategies in an Australian desert ant. <i>Austral Ecology</i> , 2013, 38, 942-951.	0.7	26
313	Standard methods for molecular research in <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2013, 52, 1-54.	0.7	150
314	Mechanisms regulating nutrition-dependent developmental plasticity through organ-specific effects in insects. <i>Frontiers in Physiology</i> , 2013, 4, 263.	1.3	106
315	Sociogenomics of Cooperation and Conflict during Colony Founding in the Fire Ant <i>Solenopsis invicta</i> . <i>PLoS Genetics</i> , 2013, 9, e1003633.	1.5	35

#	ARTICLE	IF	CITATIONS
316	Eat to reproduce: a key role for the insulin signaling pathway in adult insects. <i>Frontiers in Physiology</i> , 2013, 4, 202.	1.3	137
317	Insulin-like and IGF-like peptides in the silkworm <i>Bombyx mori</i> : discovery, structure, secretion, and function. <i>Frontiers in Physiology</i> , 2013, 4, 217.	1.3	117
318	Interplay between insulin signaling, juvenile hormone, and vitellogenin regulates maternal effects on polyphenism in ants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11050-11055.	3.3	110
319	Mating system evolution and worker caste diversity in <i>Pheidole</i> ants. <i>Molecular Ecology</i> , 2013, 22, 1998-2010.	2.0	17
320	Standard methods for virus research in <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2013, 52, 1-56.	0.7	230
321	Cobreeding in the Burying Beetle, <i>Nicrophorus vespilloides</i> : Tolerance Rather Than Cooperation. <i>Ethology</i> , 2013, 119, 1138-1148.	0.5	10
322	The life history continuum hypothesis links traits of male ants with life outside the nest. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 149, 99-109.	0.7	19
323	Antibacterial Immune Competence of Honey Bees (<i>Apis mellifera</i>) Is Adapted to Different Life Stages and Environmental Risks. <i>PLoS ONE</i> , 2013, 8, e66415.	1.1	69
324	Dimorphic Ovary Differentiation in Honeybee (<i>Apis mellifera</i>) Larvae Involves Caste-Specific Expression of Homologs of Ark and Buffy Cell Death Genes. <i>PLoS ONE</i> , 2014, 9, e98088.	1.1	20
325	Gene co-citation networks associated with worker sterility in honey bees. <i>BMC Systems Biology</i> , 2014, 8, 38.	3.0	12
326	Influences of Relatedness, Food Deprivation, and Sex on Adult Behaviors in the Group-Living Insect <i>Formica ruficula auricularia</i> . <i>Ethology</i> , 2014, 120, 923-932.	0.5	28
327	Life span in the wild: the role of activity and climate in natural populations of bees. <i>Functional Ecology</i> , 2014, 28, 1235-1244.	1.7	19
328	Sperm mixing in the polyandrous leaf-cutting ant <i>Acromyrmex echinatior</i> . <i>Ecology and Evolution</i> , 2014, 4, 3571-3582.	0.8	15
329	Defensive microbial symbionts in Hymenoptera. <i>Functional Ecology</i> , 2014, 28, 315-327.	1.7	127
330	Cooperation came first: Evolution and human cognition. <i>Journal of the Experimental Analysis of Behavior</i> , 2014, 101, 112-129.	0.8	56
331	Species richness of associates of ants in the nests of red wood ant <i>Formica polyctena</i> (Hymenoptera, Formicidae). <i>Insect Conservation and Diversity</i> , 2014, 7, 485-495.	1.4	28
332	Does it Pay to Care?: Exploring the Costs and Benefits of Parental Care in the Hibiscus Harlequin Bug <i>Tectocoris diophthalmus</i> (Heteroptera: Scutelleridae). <i>Ethology</i> , 2014, 120, 607-615.	0.5	11
333	The Problems of <i>a Priori</i> Categorisation of Agonism and Cooperation: Circle-Tube Interactions in Two Allodapine Bees. <i>Ethology</i> , 2014, 120, 551-562.	0.5	7

#	ARTICLE	IF	CITATIONS
334	Evolution of paternal care in diploid and haplodiploid populations. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1012-1019.	0.8	12
335	Expression of insulin/insulin-like signalling and TOR pathway genes in honey bee caste determination. <i>Insect Molecular Biology</i> , 2014, 23, 113-121.	1.0	56
336	Honey bee sociogenomics: a genome-scale perspective on bee social behavior and health. <i>Apidologie</i> , 2014, 45, 375-395.	0.9	28
337	Not Only for Egg Yolk—Functional and Evolutionary Insights from Expression, Selection, and Structural Analyses of Formica Ant Vitellogenins. <i>Molecular Biology and Evolution</i> , 2014, 31, 2181-2193.	3.5	78
338	Insulin-like peptide response to nutritional input in honey bee workers. <i>Journal of Insect Physiology</i> , 2014, 69, 49-55.	0.9	35
339	Transcriptome comparison between inactivated and activated ovaries of the honey bee <i>Apis mellifera</i> ... <i>L</i> . <i>Insect Molecular Biology</i> , 2014, 23, 668-681.	1.0	36
340	Evidence that microgynes of <i>Myrmica rubra</i> ants are social parasites that attack old host colonies. <i>Journal of Evolutionary Biology</i> , 2014, 27, 2396-2407.	0.8	17
341	Gene expression patterns associated with caste and reproductive status in ants: worker-specific genes are more derived than queen-specific ones. <i>Molecular Ecology</i> , 2014, 23, 151-161.	2.0	112
342	Light exposure leads to reorganization of microglomeruli in the mushroom bodies and influences juvenile hormone levels in the honeybee. <i>Developmental Neurobiology</i> , 2014, 74, 1141-1153.	1.5	47
343	Strong selection on mandible and nest features in a carpenter bee that nests in two sympatric host plants. <i>Ecology and Evolution</i> , 2014, 4, 1820-1827.	0.8	2
344	Reproduction of honeybee workers is regulated by epidermal growth factor receptor signaling. <i>General and Comparative Endocrinology</i> , 2014, 197, 1-4.	0.8	17
345	Behavioural syndromes and social insects: personality at multiple levels. <i>Biological Reviews</i> , 2014, 89, 48-67.	4.7	268
346	Tradeoffs in the evolution of bumblebee colony and body size: a comparative analysis. <i>Ecology and Evolution</i> , 2015, 5, 3914-3926.	0.8	34
347	Hit-and-run trophallaxis of small hive beetles. <i>Ecology and Evolution</i> , 2015, 5, 5478-5486.	0.8	11
348	Molecular tools and bumble bees: revealing hidden details of ecology and evolution in a model system. <i>Molecular Ecology</i> , 2015, 24, 2916-2936.	2.0	64
349	Quality and quantity: transitions in antimicrobial gland use for parasite defense. <i>Ecology and Evolution</i> , 2015, 5, 5857-5868.	0.8	6
352	Negative association between parental care and sibling cooperation in earwigs: a new perspective on the early evolution of family life?. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1299-1308.	0.8	44
353	Comparative pollination biology in two sympatric varieties of <i>Cypripedium macranthos</i> (<i>Orchidaceae</i>) on <i>Ribun Island</i> , <i>Hokkaido</i> , <i>Japan</i> . <i>Plant Species Biology</i> , 2015, 30, 225-230.	0.6	6

#	ARTICLE	IF	CITATIONS
354	Stable eusociality via maternal manipulation when resistance is costless. <i>Journal of Evolutionary Biology</i> , 2015, 28, 2208-2223.	0.8	13
355	Insights into the dynamics of hind leg development in honey bee (<i>Apis mellifera</i> L.) queen and worker larvae - A morphology/differential gene expression analysis. <i>Genetics and Molecular Biology</i> , 2015, 38, 263-277.	0.6	8
356	Extended evolution: A conceptual framework for integrating regulatory networks and niche construction. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 565-577.	0.6	40
357	A Search for Parent-of-Origin Effects on Honey Bee Gene Expression. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1657-1662.	0.8	41
358	Epigenetic and endocrine determinants of lifespan differences between the castes of social insects. <i>Moscow University Biological Sciences Bulletin</i> , 2015, 70, 158-164.	0.1	1
359	Impacts of breeder loss on social structure, reproduction and population growth in a social canid. <i>Journal of Animal Ecology</i> , 2015, 84, 177-187.	1.3	80
360	Understanding Honey Bee Worker Self-Sacrifice. <i>Advances in Insect Physiology</i> , 2015, , 325-354.	1.1	9
361	Old Threads Make New Tapestryâ€”Rewiring of Signalling Pathways Underlies Caste Phenotypic Plasticity in the Honey Bee, <i>Apis mellifera</i> L.. <i>Advances in Insect Physiology</i> , 2015, 48, 1-36.	1.1	28
362	Predominant female care in the beetle <i>Lethrus apterus</i> with supposedly biparental care. <i>Entomological Science</i> , 2015, 18, 292-294.	0.3	14
363	Nourishment level affects caste-related gene expression in <i>Polistes</i> wasps. <i>BMC Genomics</i> , 2015, 16, 235.	1.2	50
364	Genetic divergence between the sympatric queen morphs of the ant <i>Myrmica rubra</i> . <i>Molecular Ecology</i> , 2015, 24, 2463-2476.	2.0	26
365	Individual and Group Personalities Characterise Consensus Decisionâ€Making in an Ant. <i>Ethology</i> , 2015, 121, 703-713.	0.5	24
366	Insights on the association of American <i>Cetoniinae</i> beetles with ants. <i>Entomological Science</i> , 2015, 18, 21-30.	0.3	17
367	We can't all be supermodels: the value of comparative transcriptomics to the study of nonâ€model insects. <i>Insect Molecular Biology</i> , 2015, 24, 139-154.	1.0	82
368	Biologically Active Peptides in Invertebrates. <i>Colloquium Series on Neuropeptides</i> , 2015, 3, 1-76.	1.0	3
369	Casteâ€biases in gene expression are specific to developmental stage in the ant <i>Formica exsecta</i> . <i>Journal of Evolutionary Biology</i> , 2015, 28, 1705-1718.	0.8	28
370	Natural larval diet differently influences the pattern of developmental changes in DNA 5-methylcytosine levels in <i>Apis mellifera</i> queens as compared with workers and drones. <i>Biochemistry (Moscow)</i> , 2015, 80, 1019-1025.	0.7	5
371	Diet type modifies ingestion rates and trophallactic exchanges in leafâ€cutting ants. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 154, 45-52.	0.7	5

#	ARTICLE	IF	CITATIONS
372	The riskâ€return tradeâ€off between solitary and eusocial reproduction. <i>Ecology Letters</i> , 2015, 18, 74-84.	3.0	15
373	Comparative Transcriptomics of Convergent Evolution: Different Genes but Conserved Pathways Underlie Caste Phenotypes across Lineages of Eusocial Insects. <i>Molecular Biology and Evolution</i> , 2015, 32, 690-703.	3.5	161
374	Neural and behavioral epigenetics; what it is, and what is hype. <i>Genes, Brain and Behavior</i> , 2015, 14, 64-72.	1.1	31
375	Exaggerated Trait Growth in Insects. <i>Annual Review of Entomology</i> , 2015, 60, 453-472.	5.7	73
376	Antifungal activity of a termite queen pheromone against eggâ€mimicking termite ball fungi. <i>Ecological Research</i> , 2015, 30, 93-100.	0.7	25
377	The Mechanistic, Genetic, and Evolutionary Basis of Worker Sterility in the Social Hymenoptera. <i>Advances in the Study of Behavior</i> , 2016, , 251-317.	1.0	41
378	Insulin-Related Peptide 5 is Involved in Regulating Embryo Development and Biochemical Composition in Pea Aphid with Wing Polyphenism. <i>Frontiers in Physiology</i> , 2016, 7, 31.	1.3	30
379	The ecology of sex explains patterns of helping in arthropod societies. <i>Ecology Letters</i> , 2016, 19, 862-872.	3.0	24
380	Survival after pathogen exposure in groupâ€living insects: don't forget the stress of social isolation!. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1867-1872.	0.8	26
381	Termite cohabitation: the relative effect of biotic and abiotic factors on mound biodiversity. <i>Ecological Entomology</i> , 2016, 41, 532-541.	1.1	21
382	Actinomycetes inhibit filamentous fungi from the cuticle of <i>Acromyrmex</i> leafcutter ants. <i>Journal of Basic Microbiology</i> , 2016, 56, 229-237.	1.8	21
383	Maternal care behaviour and kin discrimination in the subsocial bug <i>Diophrissus</i> (<i>Hymenoptera: Scutelleridae</i>). <i>Austral Entomology</i> , 2016, 55, 170-176.	0.8	5
384	Degeneration patterns of the worker spermatheca during morphogenesis in ants (Hymenoptera: Formicidae). <i>Journal of Insect Physiology</i> , 2016, 75, 1-11.	1.1	20
385	The macroevolution of climatic niches and its role in ant diversification. <i>Ecological Entomology</i> , 2016, 41, 301-307.	1.1	18
386	Colony and evolutionary dynamics of a twoâ€stage model with brood cannibalism and division of labor in social insects. <i>Natural Resource Modelling</i> , 2016, 29, 633-662.	0.8	3
387	Comparative genomic approaches to investigate molecular traits specific to social insects. <i>Current Opinion in Insect Science</i> , 2016, 16, 87-94.	2.2	3
388	Mitochondrial structure and dynamics as critical factors in honey bee (<i>Apis mellifera</i> L.) caste development. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 73, 1-11.	1.2	16
389	Major benefits of guarding behavior in subsocial bees: implications for social evolution. <i>Ecology and Evolution</i> , 2016, 6, 6784-6797.	0.8	25

#	ARTICLE	IF	CITATIONS
390	Agricultural Proteomics Volume 1. , 2016, , .		0
391	Population genetic evidence for sex-specific dispersal in an inbred social spider. <i>Ecology and Evolution</i> , 2016, 6, 5479-5490.	0.8	8
392	Proteomic Research on Honeybee. , 2016, , 225-252.		2
393	Royalactin is not a royal making of a queen. <i>Nature</i> , 2016, 537, E10-E12.	13.7	83
394	Nutritional versus genetic correlates of caste differentiation in a desert ant. <i>Ecological Entomology</i> , 2016, 41, 660-667.	1.1	9
395	Abundance of phosphorylated <i>Apis mellifera</i> CREB in the honeybee's mushroom body inner compact cells varies with age. <i>Journal of Comparative Neurology</i> , 2016, 524, 1165-1180.	0.9	13
396	Sex, social status, and CRF receptor densities in naked mole-rats. <i>Journal of Comparative Neurology</i> , 2016, 524, 228-243.	0.9	19
397	Asymmetry within social groups: division of labour and intergroup competition. <i>Journal of Evolutionary Biology</i> , 2016, 29, 560-571.	0.8	13
398	Hormones and the Endocrine System. , 2016, , .		11
399	Identification and evolution of two insulin receptor genes involved in <i>Tribolium castaneum</i> development and reproduction. <i>Gene</i> , 2016, 585, 196-204.	1.0	60
400	Identification and Characterization of an Insulin-Like Receptor Involved in Crustacean Reproduction. <i>Endocrinology</i> , 2016, 157, 928-941.	1.4	98
401	Molecular mechanisms of phenotypic plasticity in social insects. <i>Current Opinion in Insect Science</i> , 2016, 13, 55-60.	2.2	144
402	Differential expression of miRNAs related to caste differentiation in the honey bee, <i>Apis mellifera</i> . <i>Apidologie</i> , 2016, 47, 495-508.	0.9	18
403	DNA methylation comparison between 4-day-old queen and worker larvae of honey bee. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 299-303.	0.4	4
404	The Role of Brood in Eusocial Hymenoptera. <i>Quarterly Review of Biology</i> , 2017, 92, 39-78.	0.0	58
405	How to make a sterile helper. <i>BioEssays</i> , 2017, 39, e201600136.	1.2	10
406	Wood ants produce a potent antimicrobial agent by applying formic acid on tree-collected resin. <i>Ecology and Evolution</i> , 2017, 7, 2249-2254.	0.8	44
407	Honeybee gut microbiota promotes host weight gain via bacterial metabolism and hormonal signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4775-4780.	3.3	419

#	ARTICLE	IF	CITATIONS
408	Genetics and developmental biology of cooperation. <i>Molecular Ecology</i> , 2017, 26, 4364-4377.	2.0	32
409	Applying x-ray micro-tomography to learning and memory. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 024001.	0.6	2
410	Evolution of sociality in spiders leads to depleted genomic diversity at both population and species levels. <i>Molecular Ecology</i> , 2017, 26, 4197-4210.	2.0	53
411	Nutritional, endocrine, and social influences on reproductive physiology at the origins of social behavior. <i>Current Opinion in Insect Science</i> , 2017, 22, 62-70.	2.2	34
412	An alternative pathway to eusociality: Exploring the molecular and functional basis of fortress defense. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1986-1998.	1.1	8
413	Paternal care behaviour of the giant water bug <i>Kirkaldyia deyrolli</i> (Heteroptera: Belostomatidae) against ants. <i>Ecological Entomology</i> , 2017, 42, 402-410.	1.1	7
414	X-ray computed tomography reveals that intraspecific competition promotes soldier differentiation in a one-piece nesting termite. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 163, 26-34.	0.7	8
415	Weighted fitness theory: an approach to symbiotic communities. <i>Environmental Microbiology Reports</i> , 2017, 9, 44-46.	1.0	2
416	Social dominance alters nutrition-related gene expression immediately: transcriptomic evidence from a monomorphic queenless ant. <i>Molecular Ecology</i> , 2017, 26, 2922-2938.	2.0	35
417	The evolution of queen control over worker reproduction in the social Hymenoptera. <i>Ecology and Evolution</i> , 2017, 7, 8427-8441.	0.8	10
418	Intraspecific adaptive radiation: Competition, ecological opportunity, and phenotypic diversification within species. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2496-2509.	1.1	24
419	Genetics and Evolution of Social Behavior in Insects. <i>Annual Review of Genetics</i> , 2017, 51, 219-239.	3.2	43
420	Stalk size and altruism investment within and among populations of the social amoeba. <i>Journal of Evolutionary Biology</i> , 2017, 30, 2017-2030.	0.8	10
421	Cuticular Hydrocarbon Profiles Differentiate Tropical Fire Ant Populations (<i>Solenopsis</i>)	1.0	2
422	Artificial diet sandwich reveals subsocial behaviour in the coffee berry borer <i>Hypothenemus hampei</i> (Coleoptera: Curculionidae: Scolytinae). <i>Journal of Applied Entomology</i> , 2017, 141, 470-476.	0.8	9
423	No evidence that DNA methylation is associated with the regulation of fertility in the adult honey bee <i>Apis mellifera</i> (Hymenoptera: Apidae) worker ovary. <i>Austral Entomology</i> , 2017, 56, 115-121.	0.8	1
424	On the Molecular Basis of Division of Labor in <i>Solenopsis invicta</i> (Hymenoptera: Formicidae) Workers: RNA-seq Analysis. <i>Journal of Insect Science</i> , 2017, 17, .	0.6	6
425	Regulation of Honeybee Worker (<i>Apis mellifera</i>) Life Histories by Vitellogenin. , 2017, , 403-420.		11

#	ARTICLE	IF	CITATIONS
426	Endocrine Influences on Insect Societies. , 2017, , 421-451.		14
427	It's Not a Bug, It's a Feature: Functional Materials in Insects. <i>Advanced Materials</i> , 2018, 30, e1705322.	11.1	120
428	Beyond Royalactin and a master inducer explanation of phenotypic plasticity in honey bees. <i>Communications Biology</i> , 2018, 1, 8.	2.0	44
429	Epigenetics of Longevity in Social Insects. , 2018, , 271-289.		2
430	Evolution of the optimal reproductive schedule in the ant <i>Camponotus (Colobopsis) nipponicus</i> (wheeler): a demographic approach. <i>Ecological Entomology</i> , 2018, 43, 126-133.	1.1	0
431	Effect of the presence of brood on the behavior and nutrient levels of emerging individuals in field colonies of <i>Polistes metricus</i> . <i>Insectes Sociaux</i> , 2018, 65, 171-182.	0.7	9
432	Genetic diversity and colony structure of <i>Tapinoma melanocephalum</i> on the islands and mainland of South China. <i>Ecology and Evolution</i> , 2018, 8, 5427-5440.	0.8	12
433	Effects of group size and starvation on survival of the Asian subterranean termite <i>Coptotermes gestroi</i> (Isoptera: Rhinotermitidae). <i>Austral Entomology</i> , 2018, 57, 279-284.	0.8	3
434	How ants acclimate: Impact of climatic conditions on the cuticular hydrocarbon profile. <i>Functional Ecology</i> , 2018, 32, 657-666.	1.7	53
435	Review: Allee effects in social species. <i>Journal of Animal Ecology</i> , 2018, 87, 47-58.	1.3	68
436	The ovary and its genes—developmental processes underlying the establishment and function of a highly divergent reproductive system in the female castes of the honey bee, <i>Apis mellifera</i> . <i>Apidologie</i> , 2018, 49, 49-70.	0.9	34
437	The distinct roles of insulin signaling in polyphenic development. <i>Current Opinion in Insect Science</i> , 2018, 25, 58-64.	2.2	26
438	Superorganismality and caste differentiation as points of no return: how the major evolutionary transitions were lost in translation. <i>Biological Reviews</i> , 2018, 93, 28-54.	4.7	207
439	Ants as Object of Gerontological Research. <i>Biochemistry (Moscow)</i> , 2018, 83, 1489-1503.	0.7	5
440	Measuring biological age to assess colony demographics in honeybees. <i>PLoS ONE</i> , 2018, 13, e0209192.	1.1	12
441	A <i>Rhodnius prolixus</i> Insulin Receptor and Its Conserved Intracellular Signaling Pathway and Regulation of Metabolism. <i>Frontiers in Endocrinology</i> , 2018, 9, 745.	1.5	18
442	Eusociality outcompetes egalitarian and solitary strategies when resources are limited and reproduction is costly. <i>Ecology and Evolution</i> , 2018, 8, 12953-12964.	0.8	14
443	Phenotypic correlation between queen and worker brood care supports the role of maternal care in the evolution of eusociality. <i>Ecology and Evolution</i> , 2018, 8, 10409-10415.	0.8	5

#	ARTICLE	IF	CITATIONS
444	Repeated switches from cooperative to selfish worker oviposition during stingless bee evolution. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1843-1851.	0.8	8
445	Attraction and vibration: Effects of previous exposure and type of food resource in the perception of allocolonial odors in termites. <i>Ethology</i> , 2018, 124, 743-750.	0.5	5
446	Social complexity and kinship in animal societies. <i>Ecology Letters</i> , 2018, 21, 1129-1134.	3.0	88
447	Cryptic castes, social context and colony defence in a social bee, <i>Tetragonula carbonaria</i> . <i>Ethology</i> , 2018, 124, 617-622.	0.5	16
448	Accessory gland proteins of males in the male-diphenic ant <i>Cardiocondyla obscurior</i> . <i>Physiological Entomology</i> , 2018, 43, 276-284.	0.6	4
449	Social regulation of insulin signaling and the evolution of eusociality in ants. <i>Science</i> , 2018, 361, 398-402.	6.0	125
450	The evolution of sociality in termites from cockroaches: A taxonomic and phylogenetic perspective. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 279-287.	0.6	8
451	Evolution, systematics, and natural history of a new genus of cryptobiotic fungus-growing ants. <i>Systematic Entomology</i> , 2018, 43, 549-567.	1.7	23
452	Reconstructed evolution of insulin receptors in insects reveals duplications in early insects and cockroaches. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 305-311.	0.6	26
453	The other facets of family life and their role in the evolution of animal sociality. <i>Biological Reviews</i> , 2019, 94, 199-215.	4.7	41
454	Evolutionary relationship of fat body endoreduplication and queen fecundity in termites. <i>Ecology and Evolution</i> , 2019, 9, 11684-11694.	0.8	22
455	The molecular phylogenetics of <i>Trachymyrmex</i> Forel ants and their fungal cultivars provide insights into the origin and coevolutionary history of "higher" ant agriculture. <i>Systematic Entomology</i> , 2019, 44, 939-956.	1.7	50
456	Behavioural, physiological and molecular changes in alloparental caregivers may be responsible for selection response for female reproductive investment in honey bees. <i>Molecular Ecology</i> , 2019, 28, 4212-4227.	2.0	16
457	Consistent pollination services to <i>Cypripedium macranthos</i> var. <i>rebutense</i> (Orchidaceae) by <i>Bombus pseudobaicalensis</i> . <i>Plant Species Biology</i> , 2019, 34, 38-42.	0.6	2
458	Unbalanced biparental care during colony foundation in two subterranean termites. <i>Ecology and Evolution</i> , 2019, 9, 192-200.	0.8	19
459	Beyond Pollination: Honey Bees (<i>Apis mellifera</i>) as Zootherapy Keystone Species. <i>Frontiers in Ecology and Evolution</i> , 2019, 6, .	1.1	13
460	High indirect fitness benefits for helpers across the nesting cycle in the tropical paper wasp <i>Polistes canadensis</i> . <i>Molecular Ecology</i> , 2019, 28, 3271-3284.	2.0	12
461	A genetic switch for worker nutrition-mediated traits in honeybees. <i>PLoS Biology</i> , 2019, 17, e3000171.	2.6	57

#	ARTICLE	IF	CITATIONS
462	Tandem running and scouting behaviour are characterized by up-regulation of learning and memory formation genes within the ant brain. <i>Molecular Ecology</i> , 2019, 28, 2342-2359.	2.0	19
464	Transcriptomic changes during caste development through social interactions in the termite <i>Zootermopsis nevadensis</i> . <i>Ecology and Evolution</i> , 2019, 9, 3446-3456.	0.8	15
465	Patterns of sexual size dimorphism in stingless bees: Testing Rensch's rule and potential causes in highly eusocial bees (Hymenoptera: Apidae, Meliponini). <i>Ecology and Evolution</i> , 2019, 9, 2688-2698.	0.8	9
466	Collective personalities: present knowledge and new frontiers. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	33
467	Effects of heat shock and ambient temperature on female soldier production in a polyembryonic parasitic wasp. <i>Physiological Entomology</i> , 2019, 44, 133-139.	0.6	2
468	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, .	0.6	4
469	Discussion of development processes in insect-fungus association derived from the shaggy parasol fruiting on the nests of hairy wood ants. <i>Ecology and Evolution</i> , 2019, 9, 11619-11630.	0.8	0
470	Necrobiome framework for bridging decomposition ecology of autotrophically and heterotrophically derived organic matter. <i>Ecological Monographs</i> , 2019, 89, e01331.	2.4	127
471	The evolution of abdominal microbiomes in fungus-growing ants. <i>Molecular Ecology</i> , 2019, 28, 879-899.	2.0	25
472	Gene expression is more strongly associated with behavioural specialization than with age or fertility in ant workers. <i>Molecular Ecology</i> , 2019, 28, 658-670.	2.0	34
473	Origins of Evolutionary Novelty. , 2019, , 379-492.		1
474	Individual differences in learning and biogenic amine levels influence the behavioural division between foraging honeybee scouts and recruits. <i>Journal of Animal Ecology</i> , 2019, 88, 236-246.	1.3	39
475	A comparison of honeybee (<i>Apis mellifera</i>) queen, worker and drone larvae by RNA-Seq. <i>Insect Science</i> , 2019, 26, 499-509.	1.5	17
476	Roles of the insulin signaling pathway in insect development and organ growth. <i>Peptides</i> , 2019, 122, 169923.	1.2	84
477	Transcriptomic analysis of epigenetic modification genes in the termite <i>Reticulitermes speratus</i> . <i>Insect Science</i> , 2020, 27, 202-211.	1.5	12
478	Genetic signatures of dominance hierarchies reveal conserved cis-regulatory and brain gene expression underlying aggression in a facultatively social bee. <i>Genes, Brain and Behavior</i> , 2020, 19, e12597.	1.1	10
479	Caste-biased locomotor activities in isolated termites. <i>Physiological Entomology</i> , 2020, 45, 50-59.	0.6	3
480	Strategies of the beetle <i>Oochrotus unicolor</i> (Tenebrionidae) thriving in the waste dumps of seed-harvesting <i>Messor</i> ants (Formicidae). <i>Ecological Entomology</i> , 2020, 45, 583-593.	1.1	6

#	ARTICLE	IF	CITATIONS
481	First evidence of wasp brood development inside active nests of a termite with the description of a previously unknown potter wasp species. <i>Ecology and Evolution</i> , 2020, 10, 12663-12674.	0.8	3
482	Screening and Validation of Reference Genes for RT-qPCR Under Different Honey Bee Viral Infections and dsRNA Treatment. <i>Frontiers in Microbiology</i> , 2020, 11, 1715.	1.5	18
483	Only mothers feed mature offspring in European <i>Ceratina</i> bees. <i>Insect Science</i> , 2021, 28, 1468-1481.	1.5	6
484	Egg sac damage and previous egg sac production influence truncated parental investment in the wolf spider, <i>Pardosa milvina</i> . <i>Ethology</i> , 2020, 126, 1111-1121.	0.5	3
485	Growth and survival of the superorganism: Ant colony macronutrient intake and investment. <i>Ecology and Evolution</i> , 2020, 10, 7901-7915.	0.8	5
486	Molecular systematics reveals the origins of subsociality in tortoise beetles (Coleoptera, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.7	10
487	United in adversity: Aridity and cold influence aggregation behaviour in a social lizard, <i>Egernia stokesii</i> . <i>Austral Ecology</i> , 2020, 45, 418-425.	0.7	1
488	The ecosystem services provided by social insects: traits, management tools and knowledge gaps. <i>Biological Reviews</i> , 2020, 95, 1418-1441.	4.7	60
489	Complex Evolution of Insect Insulin Receptors and Homologous Decoy Receptors, and Functional Significance of Their Multiplicity. <i>Molecular Biology and Evolution</i> , 2020, 37, 1775-1789.	3.5	58
490	The modular nature of protein evolution: domain rearrangement rates across eukaryotic life. <i>BMC Evolutionary Biology</i> , 2020, 20, 30.	3.2	33
491	Co-foundress confinement elicits kinship effects in a naturally subsocial parasitoid. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1068-1085.	0.8	15
492	The making of the defensive caste: Physiology, development, and evolution of the soldier differentiation in termites. <i>Evolution & Development</i> , 2020, 22, 425-437.	1.1	28
493	Expressions of conventional <i>vitellogenin</i> and <i>vitellogenin-like A</i> in worker brains are associated with a nursing task in a ponerine ant. <i>Insect Molecular Biology</i> , 2021, 30, 113-121.	1.0	14
494	Inter-colony invasion between wild naked mole-rat colonies. <i>Journal of Zoology</i> , 2021, 313, 37-42.	0.8	6
495	Social parasite distancing: RADseq reveals high inbreeding in the social parasite <i>Microdon myrmicae</i> but low philopatry for host ant nest. <i>Ecological Entomology</i> , 2021, 46, 89-99.	1.1	1
496	Caste-specific gene expression underlying the differential adult brain development in the honeybee <i>Apis mellifera</i> . <i>Insect Molecular Biology</i> , 2021, 30, 42-56.	1.0	7
497	Surprisingly long survival of premature conclusions about naked mole-rat biology. <i>Biological Reviews</i> , 2021, 96, 376-393.	4.7	33
498	Foragers of the stingless bee <i>Plebeia droryana</i> inform nestmates about the direction, but not the distance to food sources. <i>Ecological Entomology</i> , 2021, 46, 33-40.	1.1	6

#	ARTICLE	IF	CITATIONS
500	The origin of wing polyphenism in ants: An eco-evo-devo perspective. <i>Current Topics in Developmental Biology</i> , 2021, 141, 279-336.	1.0	10
501	Collective decision-making, caste roles and sequential transport during colony emigration in the small carpenter ant, <i>Camponotus yamaokai</i> . <i>Ethology</i> , 2021, 127, 395-403.	0.5	1
502	Multifunctionality and intrinsic disorder of royal jelly proteome. <i>Proteomics</i> , 2021, 21, e2000237.	1.3	5
503	Defensive behavior of the invasive alien hornet <i>Vespa velutina nigrithorax</i> against potential human aggressors. <i>Entomological Research</i> , 2021, 51, 186-195.	0.6	3
504	The Effects of Exposure to Flupyradifurone on Survival, Development, and Foraging Activity of Honey Bees (<i>Apis mellifera</i> L.) under Field Conditions. <i>Insects</i> , 2021, 12, 357.	1.0	9
505	Disease management in two sympatric <i>Apterostigma</i> fungus-growing ants for controlling the parasitic fungus <i>Escovopsis</i> . <i>Ecology and Evolution</i> , 2021, 11, 6041-6052.	0.8	3
506	Effect of social structure and introduction history on genetic diversity and differentiation. <i>Molecular Ecology</i> , 2021, 30, 2511-2527.	2.0	10
507	Neuropeptides as potential modulators of behavioral transitions in the ant <i>Cataglyphis nodus</i> . <i>Journal of Comparative Neurology</i> , 2021, 529, 3155-3170.	0.9	12
508	Transcriptomic bases of a polyphenism. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2021, 336, 482-495.	0.6	3
509	Origin and evolution of fungus farming in wood-boring Coleoptera – a palaeontological perspective. <i>Biological Reviews</i> , 2021, 96, 2476-2488.	4.7	13
510	Identification of Gonadulin and Insulin-Like Growth Factor From Migratory Locusts and Their Importance in Reproduction in <i>Locusta migratoria</i> . <i>Frontiers in Endocrinology</i> , 2021, 12, 693068.	1.5	15
511	Experimentally measured group direct benefits according to worker density explain group living of the termite <i>Reticulitermes chinensis</i> . <i>Ecology and Evolution</i> , 2021, 11, 8768-8775.	0.8	1
512	Flexible foraging decisions made by workers of the social wasp <i>Vespula germanica</i> (Hymenoptera). <i>Insect Science</i> , 2022, 29, 581-594.	1.5	10
513	Resource limitation, intra-group aggression and brain neuropeptide expression in a social wasp. <i>Functional Ecology</i> , 2021, 35, 2241-2252.	1.7	5
514	A remarkable legion of guests: Diversity and host specificity of army ant symbionts. <i>Molecular Ecology</i> , 2021, 30, 5229-5246.	2.0	11
515	Naked mole-rats (<i>Heterocephalus glaber</i>) do not specialise in cooperative tasks. <i>Ethology</i> , 2021, 127, 850-864.	0.5	15
518	The Functions of Insulin-like Peptides in Insects. <i>Research and Perspectives in Endocrine Interactions</i> , 2010, , 105-124.	0.2	15
519	Molecular Basis Underlying Caste Differentiation in Termites. , 2010, , 211-253.		17

#	ARTICLE	IF	CITATIONS
520	Gene expression is more strongly influenced by age than caste in the ant <i>Lasius niger</i> . <i>Molecular Ecology</i> , 2017, 26, 5058-5073.	2.0	18
521	mRNA expression and DNA methylation in three key genes involved in caste differentiation in female honeybees (<i>Apis mellifera</i>). <i>Zoological Research</i> , 2014, 35, 92-8.	0.6	6
522	A Comparative Structural Bioinformatics Analysis of the Insulin Receptor Family Ectodomain Based on Phylogenetic Information. <i>PLoS ONE</i> , 2008, 3, e3667.	1.1	45
523	Recipe for a Busy Bee: MicroRNAs in Honey Bee Caste Determination. <i>PLoS ONE</i> , 2013, 8, e81661.	1.1	60
524	Effects of age and nutritional state on the expression of gustatory receptors in the honeybee (<i>Apis mellifera</i>). <i>Journal of Insect Physiology</i> , 2010, 56, 10-20.	1.1	20
525	Differential expression of antioxidant system genes in honey bee (<i>Apis mellifera</i> L.) caste development mitigates ROS-mediated oxidative damage in queen larvae. <i>Genetics and Molecular Biology</i> , 2020, 43, e20200173.	0.6	6
526	Effect of Larval Topical Application of Juvenile Hormone on Caste Determination in the Independent-Founding Eusocial Wasp <i>Mischocyttarus consimilis</i> (Hymenoptera: Vespidae). <i>Open Journal of Animal Sciences</i> , 2015, 05, 174-184.	0.2	8
527	Arthropod IGF, relaxin and gonadulin, putative orthologs of <i>Drosophila</i> insulin-like peptides 6, 7 and 8, likely originated from an ancient gene triplication. <i>PeerJ</i> , 2020, 8, e9534.	0.9	37
528	Evolutionary diversification of insulin-related peptides (IRPs) in aphids and spatiotemporal distribution in <i>Acyrtosiphon pisum</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2022, 141, 103670.	1.2	7
529	Drivers of insect consumption across human populations. <i>Evolutionary Anthropology</i> , 2022, 31, 45-59.	1.7	6
530	Evolution of sociability by artificial selection. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 541-553.	1.1	7
532	Hormonal Influences on Aging and Lifespan. <i>Journal of Insect Physiology</i> , 2010, 56, 43-68.		0
533	Comparative Physiology and Biochemistry of Honeybees (<i>Apis mellifera</i>) and Bumblebees (<i>Bombus terrestris</i>). <i>Hikaku Seiri Seikagaku</i> (Comparative Physiology and Biochemistry), 2010, 43, 1-10.		0
534	Screening of differentially expressed genes induced by water-soluble extracts from pollen during honeybee caste determination. <i>Journal of Animal and Feed Sciences</i> , 2010, 19, 292-306.	0.4	1
539	Invertebrate Protein and Peptide Hormones. <i>Journal of Insect Physiology</i> , 2016, 82, 133-189.		0
544	Kr-h1 maintains distinct caste-specific neurotranscriptomes in response to socially regulated hormones. <i>Cell</i> , 2021, 184, 5807-5823.e14.	13.5	27
545	Arthropod Developmental Endocrinology. <i>Journal of Insect Physiology</i> , 2013, 63, 123-148.		3
547	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.	0.9	5

#	ARTICLE	IF	CITATIONS
548	Bodyland. <i>American Ethnologist</i> , 2022, 49, 35-49.	1.0	0
549	Mantle Transcriptome Provides Insights into Biomineralization and Growth Regulation in the Eastern Oyster (<i>Crassostrea virginica</i>). <i>Marine Biotechnology</i> , 2022, 24, 82-96.	1.1	10
550	Dunking for droplets: Long-jawed spider (Araneae, Tetragnathidae) bungees on silk line to collect water droplet from pond using its mouthparts. <i>Ethology</i> , 0, , .	0.5	1
551	Computational mechanisms affecting the efficiency of resource use in the honey bee swarm. <i>Systems Research and Behavioral Science</i> , 0, , .	0.9	0
552	Social structure of perennial <i>Vespula squamosa</i> wasp colonies. <i>Ecology and Evolution</i> , 2022, 12, e8569.	0.8	3
553	How feedback and feed-forward mechanisms link determinants of social dominance. <i>Biological Reviews</i> , 2022, 97, 1210-1230.	4.7	18
554	Termite nest evolution fostered social parasitism by termitophilous rove beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 1064-1072.	1.1	3
555	Five decades of misunderstanding in the social Hymenoptera: a review and meta-analysis of Michener's paradox. <i>Biological Reviews</i> , 2022, 97, 1559-1611.	4.7	5
556	The ant abdomen: The skeletomuscular and soft tissue anatomy of <i>Amblyopone australis</i> workers (Hymenoptera: Formicidae). <i>Journal of Morphology</i> , 2022, 283, 693-770.	0.6	8
557	Benefits and costs of social foraging in velvet worms. <i>Ethology</i> , 2022, 128, 197-206.	0.5	2
558	Role of the <i>foraging</i> gene in worker behavioral transition in the red imported fire ant, <i>Solenopsis invicta</i> (Hymenoptera: Formicidae). <i>Pest Management Science</i> , 2022, 78, 2964-2975.	1.7	14
565	Revisiting the trail pheromone components of the red imported fire ant, <i>Solenopsis invicta</i> Buren. <i>Insect Science</i> , 2023, 30, 161-172.	1.5	4
567	Single-cell transcriptomic analysis of honeybee brains identifies vitellogenin as caste differentiation-related factor. <i>iScience</i> , 2022, 25, 104643.	1.9	15
568	Molecular characterization of <i>insulin receptor</i> (<i>IR</i>) in oriental fruit moth, <i>Grapholita molesta</i> (Lepidoptera: Tortricidae), and elucidation of its regulatory roles in glucolipid homeostasis and metamorphosis through interaction with <i>miR-982490</i> . <i>Insect Molecular Biology</i> , 0, , .	1.0	3
569	The role of inter-individual intolerance in group cohesion and the transition to sociality in spiders. <i>Journal of Evolutionary Biology</i> , 2022, 35, 1020-1026.	0.8	0
570	The Insulin Receptor: An Important Target for the Development of Novel Medicines and Pesticides. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7793.	1.8	12
571	Re-evaluation of a method used to study nutritional effects on bumble bees. <i>Ecological Entomology</i> , 2022, 47, 959-966.	1.1	4
572	Evidence for a conserved queen-worker genetic toolkit across slave-making ants and their ant hosts. <i>Molecular Ecology</i> , 2022, 31, 4991-5004.	2.0	4

#	ARTICLE	IF	CITATIONS
573	Integumentary systems. , 2023, , 87-142.		0
574	Signaling systems. , 2023, , 1-86.		0
575	Eusociality and the transition from biparental to alloparental care in termites. <i>Functional Ecology</i> , 2022, 36, 3049-3059.	1.7	17
576	Mother knows best: reproductive regulation of caste ratio in a social hemipteran. <i>Insect Science</i> , 0, , .	1.5	1
577	Agonistic responses to potential co-foundresses in a cooperatively brooding quasi-social parasitoid. <i>Ecological Entomology</i> , 0, , .	1.1	6
578	Revisiting the hymenopteran diploid male vortex: a review of avoidance mechanisms and incidence. <i>Entomologia Experimentalis Et Applicata</i> , 2022, 170, 1010-1031.	0.7	2
579	The insulin signaling pathway a century after its discovery: Sexual dimorphism in insulin signaling. <i>General and Comparative Endocrinology</i> , 2023, 330, 114146.	0.8	4
580	Eusociality as a neglected aspect of wild bee ÷diversity and its potential impact on diversity estimation. <i>Insect Conservation and Diversity</i> , 2023, 16, 1-15.	1.4	0
581	Global biogeography of ant social parasites: Exploring patterns and mechanisms of an inverse latitudinal diversity gradient. <i>Journal of Biogeography</i> , 2023, 50, 316-329.	1.4	3
582	Transcriptomic profiling of castes and of sexually and parthenogenetically produced reproductive females in the termite <i>Cavitermes tuberosus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2023, 171, 350-360.	0.7	3
583	Gene expression profiles of chemosensory genes of termite soldier and worker antennae. <i>Insect Molecular Biology</i> , 2023, 32, 424-435.	1.0	3
585	Exposure of chlorothalonil and acetamiprid reduce the survival and cause multiple internal disturbances in <i>Apis mellifera</i> larvae reared in vitro. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	1