

Laurent Keller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4811904/publications.pdf>

Version: 2024-02-01

325
papers

22,885
citations

8172

76
h-index

12585

132
g-index

384
all docs

384
docs citations

384
times ranked

12432
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Queen Supergene Pheromone in the Red Imported Fire Ant Using Worker Discrimination Assays. <i>Journal of Chemical Ecology</i> , 2022, 48, 109-120.	0.9	4
2	Ant phylogenomics reveals a natural selection hotspot preceding the origin of complex eusociality. <i>Current Biology</i> , 2022, 32, 2942-2947.e4.	1.8	20
3	Iterative evolution of supergene-based social polymorphism in ants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	1.8	15
4	Ant behavioral maturation is mediated by a stochastic transition between two fundamental states. <i>Current Biology</i> , 2021, 31, 2253-2260.e3.	1.8	19
5	Multi-level social organization and nest-drifting behaviour in a eusocial insect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210275.	1.2	0
6	Leadership “not followership” determines performance in ant teams. <i>Communications Biology</i> , 2021, 4, 535.	2.0	20
7	Reply to Leimar and Hammerstein: Limited gene flow leads to individuals being related within groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2108545118.	3.3	0
8	The co“evolution of longevity and social life. <i>Functional Ecology</i> , 2020, 34, 76-87.	1.7	58
9	The evolution of altruism and the serial rediscovery of the role of relatedness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28894-28898.	3.3	53
10	The Surprising Creativity of Digital Evolution: A Collection of Anecdotes from the Evolutionary Computation and Artificial Life Research Communities. <i>Artificial Life</i> , 2020, 26, 274-306.	1.0	88
11	Evolution of a supergene that regulates a trans-species social polymorphism. <i>Nature Ecology and Evolution</i> , 2020, 4, 240-249.	3.4	62
12	Insights and opportunities in insect social behavior. <i>Current Opinion in Insect Science</i> , 2019, 34, ix-xx.	2.2	3
13	Kin selection and altruism. <i>Current Biology</i> , 2019, 29, R438-R442.	1.8	18
14	Coevolution of Genome Architecture and Social Behavior. <i>Trends in Ecology and Evolution</i> , 2019, 34, 844-855.	4.2	49
15	Oxytocin/vasopressin-like peptide inotocin regulates cuticular hydrocarbon synthesis and water balancing in ants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5597-5606.	3.3	29
16	Sexual conflict drives male manipulation of female postmating responses in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8437-8444.	3.3	72
17	Tissue- and sex-specific small RNAsomes reveal sex differences in response to the environment. <i>PLoS Genetics</i> , 2019, 15, e1007905.	1.5	22
18	Distinct genomic signals of lifespan and life history evolution in response to postponed reproduction and larval diet in <i>Drosophila</i> . <i>Evolution Letters</i> , 2019, 3, 598-609.	1.6	20

#	ARTICLE	IF	CITATIONS
19	Supergene, sex and sociality. <i>Comptes Rendus - Biologies</i> , 2019, 342, .	0.1	0
20	Phylogenomics of palearctic <i>Formica</i> species suggests a single origin of temporary parasitism and gives insights to the evolutionary pathway toward slave-making behaviour. <i>BMC Evolutionary Biology</i> , 2018, 18, 40.	3.2	15
21	Elevated expression of ageing and immunity genes in queens of the black garden ant. <i>Experimental Gerontology</i> , 2018, 108, 92-98.	1.2	15
22	Social polymorphism is favoured by the co-evolution of dispersal with social behaviour. <i>Nature Ecology and Evolution</i> , 2018, 2, 132-140.	3.4	64
23	Social network plasticity decreases disease transmission in a eusocial insect. <i>Science</i> , 2018, 362, 941-945.	6.0	202
24	<i>Doublesex</i> Evolution Is Correlated with Social Complexity in Ants. <i>Genome Biology and Evolution</i> , 2018, 10, 3230-3242.	1.1	12
25	Molecular evolution of juvenile hormone esterase-like proteins in a socially exchanged fluid. <i>Scientific Reports</i> , 2018, 8, 17830.	1.6	27
26	Recurrent bridgehead effects accelerate global alien ant spread. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5486-5491.	3.3	85
27	New explanation for the longevity of social insect reproductives: Transposable element activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5317-5318.	3.3	3
28	Bridgehead Effects and Role of Adaptive Evolution in Invasive Populations. <i>Trends in Ecology and Evolution</i> , 2018, 33, 527-534.	4.2	105
29	Caste ratio adjustments in response to perceived and realised competition in parasites with division of labour. <i>Journal of Animal Ecology</i> , 2018, 87, 1429-1439.	1.3	10
30	Positive selection on sociobiological traits in invasive fire ants. <i>Molecular Ecology</i> , 2018, 27, 3116-3130.	2.0	22
31	Supergene control of a reproductive polymorphism. <i>Peer Community in Evolutionary Biology</i> , 2018, , .	0.0	0
32	<i>Camponotus fellah</i> queens are singly mated. <i>Insectes Sociaux</i> , 2017, 64, 269-276.	0.7	4
33	Explaining Extraordinary Life Spans. , 2017, , 198-219.		2
34	Recent human history governs global ant invasion dynamics. <i>Nature Ecology and Evolution</i> , 2017, 1, 0184.	3.4	112
35	Lifespan differences between queens and workers are not explained by rates of molecular damage. <i>Experimental Gerontology</i> , 2017, 92, 1-6.	1.2	12
36	Genetics and Evolution of Social Behavior in Insects. <i>Annual Review of Genetics</i> , 2017, 51, 219-239.	3.2	43

#	ARTICLE	IF	CITATIONS
37	Automated computer-based detection of encounter behaviours in groups of honeybees. Scientific Reports, 2017, 7, 17663.	1.6	22
38	Low number of fixed somatic mutations in a long-lived oak tree. Nature Plants, 2017, 3, 926-929.	4.7	120
39	Sexual selection shapes development and maturation rates in <i>Drosophila</i> . Evolution; International Journal of Organic Evolution, 2017, 71, 304-314.	1.1	14
40	Convergent evolution of social hybridogenesis in <i>Messor</i> harvester ants. Molecular Ecology, 2017, 26, 1108-1117.	2.0	27
41	Short-term activity cycles impede information transmission in ant colonies. PLoS Computational Biology, 2017, 13, e1005527.	1.5	17
42	Gene expression is more strongly influenced by age than caste in the ant <i>Lasius niger</i> . Molecular Ecology, 2017, 26, 5058-5073.	2.0	18
43	Evolutionary Stability of Jointly Evolving Traits in Subdivided Populations. American Naturalist, 2016, 188, 175-195.	1.0	55
44	Uncovering Latent Behaviors in Ant Colonies. , 2016, , .		2
45	Inter-caste communication in social insects. Current Opinion in Neurobiology, 2016, 38, 6-11.	2.0	35
46	Robust DNA Methylation in the Clonal Raider Ant Brain. Current Biology, 2016, 26, 391-395.	1.8	133
47	Phylogenomics Controlling for Base Compositional Bias Reveals a Single Origin of Eusociality in Corbiculate Bees. Molecular Biology and Evolution, 2016, 33, 670-678.	3.5	80
48	Higher expression of somatic repair genes in long-lived ant queens than workers. Aging, 2016, 8, 1940-1951.	1.4	28
49	Oral transfer of chemical cues, growth proteins and hormones in social insects. ELife, 2016, 5, .	2.8	100
50	No evidence that within-group male relatedness reduces harm to females in <i>Drosophila</i> . Ecology and Evolution, 2015, 5, 979-983.	0.8	21
51	Expression of <i>foraging</i> and <i>Gp9</i> are associated with social organization in the fire ant <i>Solenopsis invicta</i> . Insect Molecular Biology, 2015, 24, 93-104.	1.0	20
52	Social isolation causes mortality by disrupting energy homeostasis in ants. Behavioral Ecology and Sociobiology, 2015, 69, 583-591.	0.6	49
53	The making of eusociality: insights from two bumblebee genomes. Genome Biology, 2015, 16, 75.	3.8	6
54	Patterns of Positive Selection in Seven Ant Genomes. Molecular Biology and Evolution, 2014, 31, 1661-1685.	3.5	138

#	ARTICLE	IF	CITATIONS
55	Editorial overview: Social insects: The internal rules of ant societies. <i>Current Opinion in Insect Science</i> , 2014, 5, iv-v.	2.2	0
56	Evolution under monogamy feminizes gene expression in <i>Drosophila melanogaster</i> . <i>Nature Communications</i> , 2014, 5, 3482.	5.8	83
57	Population genomics of eusocial insects: the costs of a vertebrate-like effective population size. <i>Journal of Evolutionary Biology</i> , 2014, 27, 593-603.	0.8	89
58	Supergenes and Complex Phenotypes. <i>Current Biology</i> , 2014, 24, R288-R294.	1.8	307
59	Molecular and social regulation of worker division of labour in fire ants. <i>Molecular Ecology</i> , 2014, 23, 660-672.	2.0	46
60	Selection methods regulate evolution of cooperation in digital evolution. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20130743.	1.5	0
61	Social chromosome variants differentially affect queen determination and the survival of workers in the fire ant <i>Solenopsis invicta</i> . <i>Molecular Ecology</i> , 2014, 23, 5117-5127.	2.0	12
62	Effects of ploidy and sex-locus genotype on gene expression patterns in the fire ant <i>Solenopsis invicta</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141776.	1.2	18
63	Ageing and somatic maintenance in social insects. <i>Current Opinion in Insect Science</i> , 2014, 5, 31-36.	2.2	32
64	Ant genomics sheds light on the molecular regulation of social organization. <i>Genome Biology</i> , 2013, 14, 212.	13.9	48
65	A Y-like social chromosome causes alternative colony organization in fire ants. <i>Nature</i> , 2013, 493, 664-668.	13.7	347
66	GENETIC COMPATIBILITY AFFECTS DIVISION OF LABOR IN THE ARGENTINE ANTLINEPITHEMA HUMILE. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 517-524.	1.1	24
67	Social insect genomes exhibit dramatic evolution in gene composition and regulation while preserving regulatory features linked to sociality. <i>Genome Research</i> , 2013, 23, 1235-1247.	2.4	205
68	Tracking Individuals Shows Spatial Fidelity Is a Key Regulator of Ant Social Organization. <i>Science</i> , 2013, 340, 1090-1093.	6.0	335
69	The molecular basis of social behavior: models, methods and advances. <i>Current Opinion in Neurobiology</i> , 2013, 23, 3-10.	2.0	34
70	A simple genetic basis for complex social behaviour mediates widespread gene expression differences. <i>Molecular Ecology</i> , 2013, 22, 3797-3813.	2.0	21
71	Using robots to understand social behaviour. <i>Biological Reviews</i> , 2013, 88, 31-39.	4.7	71
72	Non-nest mate discrimination and clonal colony structure in the parthenogenetic ant <i>Cerapachys biroi</i> . <i>Behavioral Ecology</i> , 2013, 24, 617-622.	1.0	18

#	ARTICLE	IF	CITATIONS
73	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
74	Vitellogenin Underwent Subfunctionalization to Acquire Caste and Behavioral Specific Expression in the Harvester Ant <i>Pogonomyrmex barbatus</i> . <i>PLoS Genetics</i> , 2013, 9, e1003730.	1.5	101
75	Duplication and concerted evolution in a master sex determiner under balancing selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122968.	1.2	21
76	Evolution at Two Levels in Fire Ants: The Relationship between Patterns of Gene Expression and Protein Sequence Evolution. <i>Molecular Biology and Evolution</i> , 2013, 30, 263-271.	3.5	46
77	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
78	Evolving Team Compositions by Agent Swapping. <i>IEEE Transactions on Evolutionary Computation</i> , 2013, 17, 282-298.	7.5	9
79	Historical contingency affects signaling strategies and competitive abilities in evolving populations of simulated robots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 864-868.	3.3	35
80	Asexual reproduction in introduced and native populations of the ant <i>Eciton burchardi</i> . <i>Molecular Ecology</i> , 2012, 21, 5221-5235.	2.0	55
81	Nest distribution varies with dispersal method and familiarity-mediated aggression for two sympatric ants. <i>Animal Behaviour</i> , 2012, 84, 1151-1158.	0.8	14
82	Evolution: Sociality as a Driver of Unorthodox Reproduction. <i>Current Biology</i> , 2012, 22, R525-R527.	1.8	19
83	Little effect of seasonal constraints on population genetic structure in eusocial paper wasps. <i>Ecology and Evolution</i> , 2012, 2, 2615-2624.	0.8	11
84	Transcriptome analysis of intraspecific competition in <i>Arabidopsis thaliana</i> reveals organ-specific signatures related to nutrient acquisition and general stress response pathways. <i>BMC Plant Biology</i> , 2012, 12, 227.	1.6	33
85	Neural Networks as Mechanisms to Regulate Division of Labor. <i>American Naturalist</i> , 2012, 179, 391-400.	1.0	20
86	Evolution of self-organized division of labor in a response threshold model. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 947-957.	0.6	53
87	Disruption of gene expression in hybrids of the fire ants <i>Solenopsis invicta</i> and <i>Solenopsis richteri</i> . <i>Molecular Ecology</i> , 2012, 21, 2488-2501.	2.0	6
88	Variation in the level of aggression, chemical and genetic distance among three supercolonies of the Argentine ant in Europe. <i>Molecular Ecology</i> , 2012, 21, 4106-4121.	2.0	26
89	An Evolutionary Perspective on Self-Organized Division of Labor in Social Insects. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2011, 42, 91-110.	3.8	156
90	Relaxed selection is a precursor to the evolution of phenotypic plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15936-15941.	3.3	148

#	ARTICLE	IF	CITATIONS
91	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2010 â€“ 30 September 2010. <i>Molecular Ecology Resources</i> , 2011, 11, 219-222.	2.2	48
92	GENETIC COMPONENTS TO CASTE ALLOCATION IN A MULTIPLE-QUEEN ANT SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2907-2915.	1.1	27
93	Only full-sibling families evolved eusociality. <i>Nature</i> , 2011, 471, E4-E5.	13.7	74
94	Venom Alkaloid and Cuticular Hydrocarbon Profiles Are Associated with Social Organization, Queen Fertility Status, and Queen Genotype in the Fire Ant <i>Solenopsis invicta</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 1242-1254.	0.9	43
95	Inbreeding and selection on sex ratio in the bark beetle <i>Xylosandrus germanus</i> . <i>BMC Evolutionary Biology</i> , 2011, 11, 359.	3.2	27
96	Relatedness influences signal reliability in evolving robots. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 378-383.	1.2	37
97	Sib mating without inbreeding in the longhorn crazy ant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2677-2681.	1.2	78
98	Between-Year Variation in Population Sex Ratio Increases with Complexity of the Breeding System in Hymenoptera. <i>American Naturalist</i> , 2011, 177, 835-846.	1.0	4
99	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
100	A Quantitative Test of Hamilton's Rule for the Evolution of Altruism. <i>PLoS Biology</i> , 2011, 9, e1000615.	2.6	64
101	Visualization and quality assessment of de novo genome assemblies. <i>Bioinformatics</i> , 2011, 27, 3425-3426.	1.8	9
102	Evolution of Gene Expression in Fire Ants: The Effects of Developmental Stage, Caste, and Species. <i>Molecular Biology and Evolution</i> , 2011, 28, 1381-1392.	3.5	81
103	Task-dependent influence of genetic architecture and mating frequency on division of labour in social insect societies. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 675-684.	0.6	18
104	Extreme population differentiation in a vulnerable slavemaking ant with a fragmented distribution. <i>Conservation Genetics</i> , 2010, 11, 1701-1710.	0.8	12
105	Parasitoid Wasps: From Natural History to Genomic Studies. <i>Current Biology</i> , 2010, 20, R242-R244.	1.8	5
106	Genetics: Biased Transmission of Genomes According to Parents of Origin. <i>Current Biology</i> , 2010, 20, R601-R602.	1.8	2
107	Social Evolution: War of the Worms. <i>Current Biology</i> , 2010, 20, R985-R987.	1.8	6
108	Competitive ability not kinship affects growth of <i>Arabidopsis thaliana</i> accessions. <i>New Phytologist</i> , 2010, 185, 322-331.	3.5	61

#	ARTICLE	IF	CITATIONS
109	The worldwide expansion of the Argentine ant. Diversity and Distributions, 2010, 16, 170-186.	1.9	82
110	Changes in reproductive roles are associated with changes in gene expression in fire ant queens. Molecular Ecology, 2010, 19, 1200-1211.	2.0	35
111	Comparative Genomics Suggests that the Fungal Pathogen Pneumocystis Is an Obligate Parasite Scavenging Amino Acids from Its Host's Lungs. PLoS ONE, 2010, 5, e15152.	1.1	49
112	Identification of a pheromone regulating caste differentiation in termites. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12963-12968.	3.3	177
113	Evolution of Adaptive Behaviour in Robots by Means of Darwinian Selection. PLoS Biology, 2010, 8, e1000292.	2.6	111
114	Nature versus nurture in social insect caste differentiation. Trends in Ecology and Evolution, 2010, 25, 275-282.	4.2	241
115	Chromosome Size Differences May Affect Meiosis and Genome Size. Science, 2010, 329, 293-293.	6.0	35
116	Evolutionary Conditions for the Emergence of Communication. , 2010, , 123-134.		3
117	The evolution of information suppression in communicating robots with conflicting interests. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15786-15790.	3.3	60
118	Adaptation and the genetics of social behaviour. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 3209-3216.	1.8	36
119	Patterns of split sex ratio in ants have multiple evolutionary causes based on different within-colony conflicts. Biology Letters, 2009, 5, 713-716.	1.0	21
120	Polymorphic social organization in an ant. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4423-4431.	1.2	20
121	Genetic clusters and sex-biased gene flow in a unicolonial Formica ant. BMC Evolutionary Biology, 2009, 9, 69.	3.2	40
122	Fourmidable: a database for ant genomics. BMC Genomics, 2009, 10, 5.	1.2	38
123	Genetic Team Composition and Level of Selection in the Evolution of Cooperation. IEEE Transactions on Evolutionary Computation, 2009, 13, 648-660.	7.5	94
124	DYNAMICS AND GENETIC STRUCTURE OF ARGENTINE ANT SUPERCOLONIES IN THEIR NATIVE RANGE. Evolution; International Journal of Organic Evolution, 2009, 63, 1627-1639.	1.1	51
125	Fitness and the level of homozygosity in a social insect. Journal of Evolutionary Biology, 2009, 22, 134-142.	0.8	37
126	Methods for Artificial Evolution of Truly Cooperative Robots. Lecture Notes in Computer Science, 2009, , 768-772.	1.0	0

#	ARTICLE	IF	CITATIONS
127	Breeding system and reproductive skew in a highly polygynous ant population. <i>Insectes Sociaux</i> , 2008, 55, 347-354.	0.7	2
128	Stay or drift? Queen acceptance in the ant <i>Formica paralugubris</i> . <i>Insectes Sociaux</i> , 2008, 55, 392-396.	0.7	12
129	Foreign ant queens are accepted but produce fewer offspring. <i>Oecologia</i> , 2008, 157, 717-723.	0.9	11
130	MECHANISMS OF REPRODUCTIVE ISOLATION BETWEEN AN ANT SPECIES OF HYBRID ORIGIN AND ONE OF ITS PARENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1635-1643.	1.1	21
131	Reproductive parameters vary with social and ecological factors in the polygynous ant <i>Formica exsecta</i> . <i>Oikos</i> , 2008, 117, 580-590.	1.2	11
132	Social Evolution: Reincarnation, Free-Riding and Inexplicable Modes of Reproduction. <i>Current Biology</i> , 2008, 18, R206-R207.	1.8	6
133	Maternal Effect on Female Caste Determination in a Social Insect. <i>Current Biology</i> , 2008, 18, 265-269.	1.8	85
134	Mating system and <i>avpr1a</i> promoter variation in primates. <i>Biology Letters</i> , 2008, 4, 375-378.	1.0	34
135	Pleiotropy in the melanocortin system, coloration and behavioural syndromes. <i>Trends in Ecology and Evolution</i> , 2008, 23, 502-510.	4.2	673
136	Genome-Wide Expression Patterns and the Genetic Architecture of a Fundamental Social Trait. <i>PLoS Genetics</i> , 2008, 4, e1000127.	1.5	64
137	Genetic Compatibility Affects Queen and Worker Caste Determination. <i>Science</i> , 2008, 322, 552-552.	6.0	50
138	Population viscosity can promote the evolution of altruistic sterile helpers and eusociality. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1887-1895.	1.2	35
139	Evolution of Altruistic Robots. , 2008, , 232-248.		6
140	Reproductive specialization in multiple-queen colonies of the ant <i>Formica exsecta</i> . <i>Behavioral Ecology</i> , 2007, 18, 375-383.	1.0	17
141	Group selection and kin selection: Two concepts but one process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6736-6739.	3.3	266
142	Uncovering the Biodiversity of Genetic and Reproductive Systems: Time for a More Open Approach. <i>American Naturalist</i> , 2007, 169, 1-8.	1.0	95
143	Human cooperation in social dilemmas: comparing the Snowdrift game with the Prisoner's Dilemma. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2965-2970.	1.2	86
144	An annotated cDNA library and microarray for large-scale gene-expression studies in the ant <i>Solenopsis invicta</i> . <i>Genome Biology</i> , 2007, 8, R9.	13.9	47

#	ARTICLE	IF	CITATIONS
145	Strong Reciprocity or Strong Ferocity? A Population Genetic View of the Evolution of Altruistic Punishment. <i>American Naturalist</i> , 2007, 170, 21-36.	1.0	95
146	Genetic variation and structure in native populations of the fire ant <i>Solenopsis invicta</i> : evolutionary and demographic implications. <i>Biological Journal of the Linnean Society</i> , 2007, 92, 541-560.	0.7	36
147	The evolution of helping and harming on graphs: the return of the inclusive fitness effect. <i>Journal of Evolutionary Biology</i> , 2007, 20, 2284-2295.	0.8	94
148	Differential gene expression between adult queens and workers in the ant <i>Lasius niger</i> . <i>Molecular Ecology</i> , 2007, 16, 675-683.	2.0	73
149	Two alternate mechanisms contribute to the persistence of interdependent lineages in <i>Pogonomyrmex</i> harvester ants. <i>Molecular Ecology</i> , 2007, 16, 3533-3543.	2.0	27
150	Contrasting population genetic structure for workers and queens in the putatively unicolonial ant <i>Formica exsecta</i> . <i>Molecular Ecology</i> , 2007, 16, 4493-4503.	2.0	20
151	Short telomeres in short-lived males: what are the molecular and evolutionary causes?. <i>Aging Cell</i> , 2007, 6, 225-233.	3.0	84
152	Behavioral Genomics: A, Bee, C, G, T. <i>Current Biology</i> , 2007, 17, R51-R53.	1.8	5
153	Evolutionary Conditions for the Emergence of Communication in Robots. <i>Current Biology</i> , 2007, 17, 514-519.	1.8	184
154	Aging: A Young Mind in Old Bees. <i>Current Biology</i> , 2007, 17, R294-R295.	1.8	3
155	Extreme reproductive specialization within ant colonies: some queens produce males whereas others produce workers. <i>Animal Behaviour</i> , 2007, 74, 1535-1543.	0.8	13
156	Comparative morphology of cephalic exocrine glands among castes of the black ant <i>Lasius niger</i> . <i>Arthropod Structure and Development</i> , 2007, 36, 135-141.	0.8	20
157	Differential gene expression between adult queens and workers in the ant <i>Lasius niger</i> . <i>Molecular Ecology</i> , 2007, .	2.0	0
158	The predation cost of being a male: implications for sex-specific rates of ageing. <i>Oikos</i> , 2006, 114, 381-384.	1.2	48
159	Communication in bacteria: an ecological and evolutionary perspective. <i>Nature Reviews Microbiology</i> , 2006, 4, 249-258.	13.6	679
160	REPRODUCTIVE ISOLATION BETWEEN <i>POGONOMYRMEX RUGOSUS</i> AND TWO LINEAGES WITH GENETIC CASTE DETERMINATION. <i>Ecology</i> , 2006, 87, 2160-2170.	1.5	25
161	NATIVE SUPERCOLONIES OF UNRELATED INDIVIDUALS IN THE INVASIVE ARGENTINE ANT. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 782-791.	1.1	118
162	Genetic caste determination in <i>Pogonomyrmex</i> harvester ants imposes costs during colony founding. <i>Journal of Evolutionary Biology</i> , 2006, 19, 402-409.	0.8	40

#	ARTICLE	IF	CITATIONS
163	The evolution of cooperation and altruism – a general framework and a classification of models. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1365-1376.	0.8	672
164	Unicoloniality, recognition and genetic differentiation in a native <i>Formica</i> ant. <i>Journal of Evolutionary Biology</i> , 2006, 19, 2031-2039.	0.8	63
165	Synergy, partner choice and frequency dependence: their integration into inclusive fitness theory and their interpretation in terms of direct and indirect fitness effects. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1426-1436.	0.8	26
166	Characterization and distribution of <i>Pogonomyrmex</i> harvester ant lineages with genetic caste determination. <i>Molecular Ecology</i> , 2006, 16, 367-387.	2.0	41
167	Resource supplements cause a change in colony sex-ratio specialization in the mound-building ant, <i>Formica exsecta</i> . <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 612-618.	0.6	21
168	Kin recognition and the paradoxical patterns of aggression between colonies of a Mojave desert <i>Pheidole</i> ant. <i>Insectes Sociaux</i> , 2006, 53, 127-135.	0.7	6
169	How to fool a virgin: Artificial dealation triggers oviposition in virgin <i>Lasius niger</i> queens. <i>Insectes Sociaux</i> , 2006, 53, 323-325.	0.7	7
170	Social insects as a model to study the molecular basis of ageing. <i>Experimental Gerontology</i> , 2006, 41, 553-556.	1.2	103
171	Reproductive skew in the Australian allodapine bee <i>Exoneura robusta</i> . <i>Animal Behaviour</i> , 2006, 71, 193-201.	0.8	19
172	Sham nepotism as a result of intrinsic differences in brood viability in ants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2049-2052.	1.2	45
173	Division of labour and colony efficiency in social insects: effects of interactions between genetic architecture, colony kin structure and rate of perturbations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1815-1823.	1.2	65
174	Strong association between a single gene and fertilization efficiency of males and fecundity of their mates in the bulb mite. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 309-314.	1.2	18
175	NATIVE SUPERCOLONIES OF UNRELATED INDIVIDUALS IN THE INVASIVE ARGENTINE ANT. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 782.	1.1	3
176	Cost of cell-cell signalling in <i>Pseudomonas aeruginosa</i> : why it can pay to be signal-blind. <i>Nature Reviews Microbiology</i> , 2006, 4, 562-562.	13.6	2
177	Native supercolonies of unrelated individuals in the invasive Argentine ant. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 782-91.	1.1	34
178	Azetidines as ligands in the Pd(II) complexes series. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2306-2311.	0.8	33
179	Characterization and PCR multiplexing of polymorphic microsatellite loci for the invasive ant <i>Wasmannia auropunctata</i> . <i>Molecular Ecology Notes</i> , 2005, 5, 239-242.	1.7	32
180	Multilevel genetic analyses of two European supercolonies of the Argentine ant, <i>Linepithema humile</i> . <i>Molecular Ecology</i> , 2005, 14, 589-598.	2.0	48

#	ARTICLE	IF	CITATIONS
181	Loss of Wolbachia infection during colonisation in the invasive Argentine ant <i>Linepithema humile</i> . <i>Heredity</i> , 2005, 94, 364-369.	1.2	67
182	Effect of inbreeding and heritability of sperm competition success in the bulb mite <i>Rhizoglyphus robini</i> . <i>Heredity</i> , 2005, 94, 577-581.	1.2	54
183	Clonal reproduction by males and females in the little fire ant. <i>Nature</i> , 2005, 435, 1230-1234.	13.7	247
184	SEX-RATIO CONFLICT BETWEEN QUEENS AND WORKERS IN EUSOCIAL HYMENOPTERA: MECHANISMS, COSTS, AND THE EVOLUTION OF SPLIT COLONY SEX RATIOS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2626-2638.	1.1	14
185	What are the effects of maternal and pre-adult environments on ageing in humans, and are there lessons from animal models?. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 431-438.	2.2	48
186	Experimental manipulation of colony genetic diversity had no effect on short-term task efficiency in the Argentine ant <i>Linepithema humile</i> . <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 87-98.	0.6	19
187	Long live the queen: studying aging in social insects. <i>Age</i> , 2005, 27, 241-248.	3.0	62
188	Experimental manipulation of queen number affects colony sex ratio investment in the highly polygynous ant <i>Formica exsecta</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1789-1794.	1.2	20
189	SEX-RATIO CONFLICT BETWEEN QUEENS AND WORKERS IN EUSOCIAL HYMENOPTERA: MECHANISMS, COSTS, AND THE EVOLUTION OF SPLIT COLONY SEX RATIOS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2626.	1.1	1
190	Sex-ratio conflict between queens and workers in eusocial Hymenoptera: mechanisms, costs, and the evolution of split colony sex ratios. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2626-38.	1.1	5
191	RELATIONSHIPS BETWEEN PHENOTYPE, MATING BEHAVIOR, AND FITNESS OF QUEENS IN THE ANT <i>LASIUS NIGER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1056.	1.1	1
192	Decreased expression of Cu-Zn superoxide dismutase 1 in ants with extreme lifespan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3486-3489.	3.3	113
193	Inbreeding and population structure in two pairs of cryptic fig wasp species. <i>Molecular Ecology</i> , 2004, 13, 1613-1623.	2.0	58
194	Polymorphic microsatellite loci in Allodapine bees for investigating the evolution of social behaviour. <i>Molecular Ecology Notes</i> , 2004, 4, 303-305.	1.7	5
195	Molecular phylogenetic evidence for an extracellular Cu Zn superoxide dismutase gene in insects. <i>Insect Molecular Biology</i> , 2004, 13, 587-594.	1.0	37
196	RELATIONSHIPS BETWEEN PHENOTYPE, MATING BEHAVIOR, AND FITNESS OF QUEENS IN THE ANT <i>LASIUS NIGER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1056-1063.	1.1	37
197	COLONY SEX RATIOS IN THE FACULTATIVELY POLYGYNOUS ANT <i>PHEIDOLE PALLIDULA</i> : A REANALYSIS WITH NEW DATA. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1141-1142.	1.1	12
198	Tug-of-war over reproduction in a social bee. <i>Nature</i> , 2004, 428, 844-847.	13.7	92

#	ARTICLE	IF	CITATIONS
199	Evolution: Informational Constraints on Adaptation. <i>Current Biology</i> , 2004, 14, R757-R758.	1.8	3
200	Loss of Phenotypic Plasticity Generates Genotype-Caste Association in Harvester Ants. <i>Current Biology</i> , 2004, 14, 2277-2282.	1.8	57
201	Conditional Use of Sex and Parthenogenesis for Worker and Queen Production in Ants. <i>Science</i> , 2004, 306, 1780-1783.	6.0	153
202	Evolution of miniaturisation in inquiline parasitic ants: Timing of male elimination in <i>Plagiolepis pygmaea</i> , the host of <i>Plagiolepis xene</i> . <i>Insectes Sociaux</i> , 2004, 51, 395-399.	0.7	21
203	Significant reproductive skew in the facultatively polygynous ant <i>Pheidole pallidula</i> . <i>Molecular Ecology</i> , 2004, 13, 203-210.	2.0	27
204	Effects of Brood Manipulation Costs on Optimal Sex Allocation in Social Hymenoptera. <i>American Naturalist</i> , 2004, 164, E73-E82.	1.0	29
205	Conflict over Male Parentage in Social Insects. <i>PLoS Biology</i> , 2004, 2, e248.	2.6	136
206	Sex-ratio dependent execution of queens in polygynous colonies of the ant <i>Formica exsecta</i> . <i>Oecologia</i> , 2003, 134, 12-17.	0.9	22
207	Size-correlated division of labour and spatial distribution of workers in the driver ant, <i>Dorylus molestus</i> . <i>Die Naturwissenschaften</i> , 2003, 90, 277-281.	0.6	11
208	Temporal and spatial variations of gyne production in the ant <i>Formica exsecta</i> . <i>Oecologia</i> , 2003, 136, 558-564.	0.9	27
209	Behavioral plasticity: levels of sociality in bees. <i>Current Biology</i> , 2003, 13, R644-R645.	1.8	5
210	The relationship between multiple mating by queens, within-colony genetic variability and fitness in the ant <i>Lasius niger</i> . <i>Journal of Evolutionary Biology</i> , 2003, 16, 844-853.	0.8	42
211	Queen control over reproductive decisions—no sexual deception in the ant <i>Lasius niger</i> . <i>Molecular Ecology</i> , 2003, 12, 1589-1597.	2.0	17
212	Complex hybrid origin of genetic caste determination in harvester ants. <i>Nature</i> , 2003, 424, 306-309.	13.7	147
213	COLONY SEX RATIOS VARY WITH BREEDING SYSTEM BUT NOT RELATEDNESS ASYMMETRY IN THE FACULTATIVELY POLYGYNOUS ANT <i>PHEIDOLE PALLIDULA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1336-1342.	1.1	36
214	INBREEDING AND SEX-BIASED GENE FLOW IN THE ANT <i>FORMICA EXSECTA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1552-1561.	1.1	87
215	Of males and females. <i>Trends in Ecology and Evolution</i> , 2003, 18, 13-14.	4.2	10
216	High Levels of Multiple <i>Wolbachia</i> Infection and Recombination in the Ant <i>Formica exsecta</i> . <i>Molecular Biology and Evolution</i> , 2003, 20, 748-753.	3.5	87

#	ARTICLE	IF	CITATIONS
217	COLONY SEX RATIOS VARY WITH BREEDING SYSTEM BUT NOT RELATEDNESS ASYMMETRY IN THE FACULTATIVELY POLYGYNOUS ANT PHEIDOLE PALLIDULA. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1336.	1.1	2
218	INBREEDING AND SEX-BIASED GENE FLOW IN THE ANT FORMICA EXSECTA. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1552.	1.1	5
219	Distribution and Prevalence of <i>Wolbachia</i> Infections in Native Populations of the Fire Ant <i>Solenopsis invicta</i> (Hymenoptera: Formicidae). <i>Environmental Entomology</i> , 2003, 32, 1329-1336.	0.7	41
220	Cryptic species of fig-pollinating wasps: Implications for the evolution of the fig-wasp mutualism, sex allocation, and precision of adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5867-5872.	3.3	262
221	Distribution of the Two Social Forms of the Fire Ant <i>Solenopsis invicta</i> (Hymenoptera: Formicidae). <i>Ecology</i> , 2003, 84, 1077-1087.	1.3	39
222	Effects of Group Composition and Level of Selection in the Evolution of Cooperation in Artificial Ants. <i>Lecture Notes in Computer Science</i> , 2003, , 128-137.	1.0	15
223	Division of labour influences the rate of ageing in weaver ant workers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 909-913.	1.2	70
224	Evolution of supercolonies: The Argentine ants of southern Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 6075-6079.	3.3	374
225	The correlation between inbreeding and fitness: does allele size matter?. <i>Trends in Ecology and Evolution</i> , 2002, 17, 201-202.	4.2	35
226	Behavioral Genetics: A Gene for Supersociality. <i>Current Biology</i> , 2002, 12, R180-R181.	1.8	15
227	Experimental conversion of colony social organization by manipulation of worker genotype composition in fire ants (<i>Solenopsis invicta</i>). <i>Behavioral Ecology and Sociobiology</i> , 2002, 51, 287-295.	0.6	60
228	Species-diagnostic microsatellite loci for the fig wasp genus <i>Pegoscapus</i> . <i>Molecular Ecology Notes</i> , 2002, 2, 440-442.	1.7	14
229	Queen recruitment and split sex ratios in polygynous colonies of the ant <i>Formica exsecta</i> . <i>Ecology Letters</i> , 2002, 5, 102-109.	3.0	31
230	WHY DO SOME SOCIAL INSECT QUEENS MATE WITH SEVERAL MALES? TESTING THE SEX-RATIO MANIPULATION HYPOTHESIS IN <i>LASIUS NIGER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 553-562.	1.1	40
231	SEX ALLOCATION IN MOUND-BUILDING ANTS: THE ROLES OF RESOURCES AND QUEEN REPLENISHMENT. <i>Ecology</i> , 2002, 83, 1945-1952.	1.5	27
232	Sex Ratio Conflict and Worker Production in Eusocial Hymenoptera. <i>American Naturalist</i> , 2001, 158, 166-177.	1.0	92
233	TESTS OF REPRODUCTIVE-SKEW MODELS IN SOCIAL INSECTS. <i>Annual Review of Entomology</i> , 2001, 46, 347-385.	5.7	242
234	Female polyandry affects their sons' reproductive success in the red flour beetle <i>Tribolium castaneum</i> . <i>Journal of Evolutionary Biology</i> , 2001, 14, 186-193.	0.8	79

#	ARTICLE	IF	CITATIONS
235	Kin structure and queen execution in the Argentine ant <i>Linepithema humile</i> . <i>Journal of Evolutionary Biology</i> , 2001, 14, 954-958.	0.8	17
236	Sex ratio and Wolbachia infection in the ant <i>Formica exsecta</i> . <i>Heredity</i> , 2001, 87, 227-233.	1.2	36
237	Role of resource availability on sex, caste and reproductive allocation ratios in the Argentine ant <i>Linepithema humile</i> . <i>Journal of Animal Ecology</i> , 2001, 70, 831-839.	1.3	58
238	Partitioning of reproduction among queens in the Argentine ant, <i>Linepithema humile</i> . <i>Animal Behaviour</i> , 2001, 62, 1039-1045.	0.8	27
239	RESTRICTED EFFECTIVE QUEEN DISPERSAL AT A MICROGEOGRAPHIC SCALE IN POLYGYNOUS POPULATIONS OF THE ANT <i>FORMICA EXSECTA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 2484-2492.	1.1	66
240	RESTRICTED EFFECTIVE QUEEN DISPERSAL AT A MICROGEOGRAPHIC SCALE IN POLYGYNOUS POPULATIONS OF THE ANT <i>FORMICA EXSECTA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 2484.	1.1	2
241	Queen Control of Sex Ratio in Fire Ants. <i>Science</i> , 2001, 293, 1308-1310.	6.0	102
242	Wolbachia infections in native and introduced populations of fire ants (<i>Solenopsis</i> spp.). <i>Insect Molecular Biology</i> , 2000, 9, 661-673.	1.0	113
243	Mating frequency and genetic structure of the Argentine ant <i>Linepithema humile</i> . <i>Molecular Ecology</i> , 2000, 9, 119-126.	2.0	49
244	Ant-like task allocation and recruitment in cooperative robots. <i>Nature</i> , 2000, 406, 992-995.	13.7	302
245	Colony sex ratios vary with queen number but not relatedness asymmetry in the ant <i>Formica exsecta</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1751-1757.	1.2	66
246	Alternative reproductive strategies: a queen perspective in ants. <i>Trends in Ecology and Evolution</i> , 2000, 15, 508-512.	4.2	122
247	How Males Can Gain by Harming Their Mates: Sexual Conflict, Seminal Toxins, and the Cost of Mating. <i>American Naturalist</i> , 2000, 156, 368-377.	1.0	221
248	8. Dynamics of Conflicts within Insect Societies. , 2000, , 153-175.		18
249	Evolutionary Theories of Aging. <i>Gerontology</i> , 1999, 45, 336-338.	1.4	12
250	Cooperation among Selfish Individuals in Insect Societies. <i>BioScience</i> , 1999, 49, 899-909.	2.2	67
251	Major gene effects on phenotype and fitness: the relative roles of <i>Pgm-3</i> and <i>Gp-9</i> in introduced populations of the fire ant <i>Solenopsis invicta</i> . <i>Journal of Evolutionary Biology</i> , 1999, 12, 672-680.	0.8	52
252	Low polymorphism at 19 microsatellite loci in a French population of Argentine ants (<i>Linepithema</i>)	2.0	48

#	ARTICLE	IF	CITATIONS
253	Frequency and origin of triploidy in the fire ant <i>Solenopsis invicta</i> . <i>Heredity</i> , 1999, 82, 142-150.	1.2	61
254	Testing kin selection with sex allocation data in eusocial Hymenoptera. <i>Heredity</i> , 1999, 82, 473-478.	1.2	109
255	Effect of queen phenotype and social environment on early queen mortality in incipient colonies of the fire ant, <i>Solenopsis invicta</i> . <i>Animal Behaviour</i> , 1999, 57, 371-377.	0.8	24
256	Extended family structure in the ant <i>Formica paralugubris</i> : the role of the breeding system. <i>Behavioral Ecology and Sociobiology</i> , 1999, 46, 405-412.	0.6	65
257	Selfish genes: a green beard in the red fire ant. <i>Nature</i> , 1998, 394, 573-575.	13.7	353
258	Familiarity breeds cooperation. <i>Nature</i> , 1998, 394, 121-122.	13.7	18
259	Queen control of egg fertilization in the honey bee. <i>Behavioral Ecology and Sociobiology</i> , 1998, 44, 57-61.	0.6	67
260	Queen lifespan and colony characteristics in ants and termites. <i>Insectes Sociaux</i> , 1998, 45, 235-246.	0.7	205
261	Reproductive skew: disentangling concessions from control. <i>Trends in Ecology and Evolution</i> , 1998, 13, 458-459.	4.2	56
262	Brief communication. Estimation of the proportion of triploids in populations with diploid and triploid individuals. <i>Journal of Heredity</i> , 1998, 89, 275-279.	1.0	15
263	Reproductive sharing in animal societies: reproductive incentives or incomplete control by dominant breeders?. <i>Behavioral Ecology</i> , 1998, 9, 267-278.	1.0	339
264	Genetic control of social organization in an ant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 14232-14237.	3.3	166
265	Phenotype and individual investment in cooperative foundress associations of the fire ant, <i>Solenopsis invicta</i> . <i>Behavioral Ecology</i> , 1998, 9, 478-485.	1.0	35
266	The Evolution of Social Behavior in Insects and Arachnids. Jae C. Choe, Bernard J. Crespi. <i>Quarterly Review of Biology</i> , 1998, 73, 110-111.	0.0	1
267	Reproductive Bribing And Policing As Evolutionary Mechanisms For The Suppression Of Within-Group Selfishness. <i>American Naturalist</i> , 1997, 150, S42-S58.	1.0	70
268	MICROSATELLITES REVEAL HIGH POPULATION VISCOSITY AND LIMITED DISPERSAL IN THE ANT <i>FORMICA PARALUGUBRIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 475-482.	1.1	111
269	Microsatellites Reveal High Population Viscosity and Limited Dispersal in the Ant <i>Formica paralugubris</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 475.	1.1	57
270	Sex-ratio regulation: the economics of fratricide in ants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1255-1260.	1.2	82

#	ARTICLE	IF	CITATIONS
271	Unequal partitioning of reproduction and investment between cooperating queens in the fire ant, <i>Solenopsis invicta</i> , as revealed by microsatellites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1331-1336.	1.2	21
272	Indiscriminate altruism: unduly nice parents and siblings. <i>Trends in Ecology and Evolution</i> , 1997, 12, 99-103.	4.2	211
273	Indiscriminate altruism "time for a more discriminating approach? Reply from L. Keller. <i>Trends in Ecology and Evolution</i> , 1997, 12, 274-275.	4.2	1
274	Extraordinary lifespans in ants: a test of evolutionary theories of ageing. <i>Nature</i> , 1997, 389, 958-960.	13.7	511
275	Male reproductive success: paternity contribution to queens and workers in <i>Formica</i> ants. <i>Behavioral Ecology and Sociobiology</i> , 1997, 41, 11-15.	0.6	27
276	"The flying "humanoids". A review by L. Keller. <i>Natural History and Evolution of Paper-Wasps</i> . By S. Turillazzi and M. J. West-Eberhard. Oxford University Press. 1996. ISBN 0-19-854947-4.. <i>Journal of Evolutionary Biology</i> , 1997, 10, 435-437.	0.8	0
277	Hierarchical Analysis of Genetic Structure in Native Fire Ant Populations: Results From Three Classes of Molecular Markers. <i>Genetics</i> , 1997, 147, 643-655.	1.2	112
278	Social evolution in ants. <i>Trends in Ecology and Evolution</i> , 1996, 11, 142-143.	4.2	0
279	The eusociality continuum revisited. <i>Trends in Ecology and Evolution</i> , 1996, 11, 472.	4.2	5
280	Conditional Manipulation of Sex Ratios by Ant Workers: A Test of Kin Selection Theory. <i>Science</i> , 1996, 274, 993-995.	6.0	252
281	SIMPLE GENETIC BASIS FOR IMPORTANT SOCIAL TRAITS IN THE FIRE ANT <i>SOLENOPSIS INVICTA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 2387-2399.	1.1	14
282	Social evolution in a new environment: the case of introduced fire ants.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 3021-3025.	3.3	136
283	Queen number influences the primary sex ratio in the Argentine ant, (=). <i>Animal Behaviour</i> , 1996, 51, 445-449.	0.8	15
284	Increased soldier production in ant colonies exposed to intraspecific competition. <i>Nature</i> , 1996, 379, 630-631.	13.7	168
285	Mating success of male birds. <i>Nature</i> , 1996, 380, 208-209.	13.7	22
286	Internest sex-ratio variation and male brood survival in the ant <i>Pheidole pallidula</i> . <i>Behavioral Ecology</i> , 1996, 7, 292-298.	1.0	59
287	Relatedness Asymmetry and Reproductive Sharing in Animal Societies. <i>American Naturalist</i> , 1996, 148, 764-769.	1.0	45
288	Parasites, Worker Polymorphism, and Queen Number in Social Insects. <i>American Naturalist</i> , 1995, 145, 842-847.	1.0	24

#	ARTICLE	IF	CITATIONS
289	Joint Influence of Gene Flow and Selection on a Reproductively Important Genetic Polymorphism in the Fire Ant <i>Solenopsis invicta</i> . <i>American Naturalist</i> , 1995, 146, 325-348.	1.0	66
290	Partitioning of Reproduction in Mother-Daughter Versus Sibling Associations: A Test of Optimal Skew Theory. <i>American Naturalist</i> , 1995, 145, 119-132.	1.0	152
291	Sterility by deleterious alleles and the evolution of sociality. <i>Journal of Theoretical Biology</i> , 1995, 174, 467-469.	0.8	6
292	All's fair when love is war. <i>Nature</i> , 1995, 373, 190-191.	13.7	13
293	Why Do Females Mate with Multiple Males? The Sexually Selected Sperm Hypothesis. <i>Advances in the Study of Behavior</i> , 1995, , 291-315.	1.0	338
294	Social life: the paradox of multiple-queen colonies. <i>Trends in Ecology and Evolution</i> , 1995, 10, 355-360.	4.2	237
295	Queen-worker conflict over sex ratio: A comparison of primary and secondary sex ratios in the Argentine ant, <i>Iridomyrmex humilis</i> . <i>Journal of Evolutionary Biology</i> , 1994, 7, 403-418.	0.8	82
296	Mate availability and male dispersal in the Argentine ant <i>Linepithema humile</i> (Mayr) (=Iridomyrmex) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	34
297	Partitioning of reproduction in animal societies. <i>Trends in Ecology and Evolution</i> , 1994, 9, 98-102.	4.2	478
298	Genetic Variability, Queen Number, and Polyandry in Social Hymenoptera. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 694.	1.1	56
299	Rewards of promiscuity. <i>Nature</i> , 1994, 372, 229-230.	13.7	10
300	GENETIC VARIABILITY, QUEEN NUMBER, AND POLYANDRY IN SOCIAL HYMENOPTERA. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 694-704.	1.1	109
301	Response : Gene Flow or Heterozygote Advantage?. <i>Science</i> , 1994, 263, 1157-1158.	6.0	0
302	<i>Response</i> : Gene Flow or Heterozygote Advantage?. <i>Science</i> , 1994, 263, 1157-1158.	6.0	0
303	Phenotypic plasticity and ?cultural transmission? of alternative social organizations in the fire ant <i>Solenopsis invicta</i> . <i>Behavioral Ecology and Sociobiology</i> , 1993, 33, 121.	0.6	151
304	Incest avoidance, fluctuating asymmetry, and the consequences of inbreeding in <i>Iridomyrmex humilis</i> , an ant with multiple queen colonies. <i>Behavioral Ecology and Sociobiology</i> , 1993, 33, 191-199.	0.6	90
305	Identification of the sex pheromone of an ant, <i>Formica lugubris</i> (Hymenoptera, Formicidae). <i>Die Naturwissenschaften</i> , 1993, 80, 30-34.	0.6	38
306	Attraction of the sexes in <i>Formica lugubris</i> Zett (Hymenoptera: Formicidae). <i>Insectes Sociaux</i> , 1993, 40, 319-324.	0.7	8

#	ARTICLE	IF	CITATIONS
307	The role of queen pheromones in social insects: queen control or queen signal?. <i>Animal Behaviour</i> , 1993, 45, 787-794.	0.8	455
308	The Assessment of Reproductive Success of Queens in Ants and Other Social Insects. <i>Oikos</i> , 1993, 67, 177.	1.2	51
309	Flight energetics in relation to sexual differences in the mating behaviour of a mayfly, <i>Siphonurus aestivalis</i> . <i>Oecologia</i> , 1992, 92, 172-176.	0.9	28
310	Mating system, optimal number of matings, and sperm transfer in the Argentine ant <i>Iridomyrmex humilis</i> . <i>Behavioral Ecology and Sociobiology</i> , 1992, 31, 359.	0.6	59
311	Alternative reproductive strategies in <i>Formica lugubris</i> Zett. (Hymenoptera Formicidae). <i>Ethology Ecology and Evolution</i> , 1991, 3, 60-66.	0.6	12
312	Queen number, mode of colony founding, and queen reproductive success in ants (Hymenoptera) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.6	110
313	Fecundity of ant queens in relation to their age and the mode of colony founding. <i>Insectes Sociaux</i> , 1990, 37, 116-130.	0.7	41
314	Loss of mating flight and shift in the pattern of carbohydrate storage in sexuals of ants (Hymenoptera; Formicidae). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1990, 160, 207-211.	0.7	58
315	Carbohydrates as Energy Source during the Flight of Sexuals of the Ant <i>Formica lugubris</i> (Hymenoptera: Formicidae). <i>Entomologia Generalis</i> , 1990, 15, 25-32.	1.1	20
316	Queen execution in the Argentine ant, <i>Iridomyrmex humilis</i> . <i>Physiological Entomology</i> , 1989, 14, 157-163.	0.6	91
317	Description of a new artificial diet for rearing ant colonies as <i>Iridomyrmex humilis</i> , <i>Monomorium pharaonis</i> and <i>Wasmannia auropunctata</i> (Hymenoptera; Formicidae). <i>Insectes Sociaux</i> , 1989, 36, 348-352.	0.7	34
318	Size and fat content of gynes in relation to the mode of colony founding in ants (Hymenoptera;) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3</i>	0.9	202
319	Influence of the number of queens on nestmate recognition and attractiveness of queens to workers in the Argentine ant, <i>Iridomyrmex humilis</i> (Mayr). <i>Animal Behaviour</i> , 1989, 37, 733-740.	0.8	75
320	Control of brood male production in the Argentine ant <i>Iridomyrmex humilis</i> (Mayr). <i>Insectes Sociaux</i> , 1988, 35, 19-33.	0.7	43
321	Evolutionary implications of polygyny in the Argentine ant, <i>Iridomyrmex humilis</i> (Mayr) (Hymenoptera:) <i>Tj ETQq1 1 0,784314 rgBT /Over</i>	0.8	89
322	Energy Investment in Gynes of the Argentine Ant <i>Iridomyrmex humilis</i> (Mayr) in Relation to the Mode of Colony Founding in Ants (Hymenoptera:Formicidae). <i>International Journal of Invertebrate Reproduction and Development</i> , 1988, 13, 31-38.	0.8	18
323	Queen Replacement in Dequeened Colonies of the Argentine Ant <i>Iridomyrmex Humilis</i> (Mayr). <i>Psyche: Journal of Entomology</i> , 1988, 95, 59-65.	0.4	28
324	Profile: From behavioural observations, to genes, to evolution. , 0, , 181-184.		0

#	ARTICLE	IF	CITATIONS
325	Isolation and characterization of novel microsatellite markers for a globally distributed invasive ant <i>Paratrechina longicornis</i> (Hymenoptera: Formicidae). <i>European Journal of Entomology</i> , 0, 116, 253-257.	1.2	6