

Conserved Class of Queen Pheromones Stops Social Ins

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Effect of Caste and Reproductive State on the Chemistry of the Cephalic Labial Glands Secretion of <i>Bombus Terrestris</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 900-912.	0.9	20
2	At the brink of eusociality: transcriptomic correlates of worker behaviour in a small carpenter bee. <i>BMC Evolutionary Biology</i> , 2014, 14, 260.	3.2	59
3	The role of juvenile hormone in dominance behavior, reproduction and cuticular pheromone signaling in the caste-flexible epiponine wasp, <i>Synoeca surinama</i> . <i>Frontiers in Zoology</i> , 2014, 11, 78.	0.9	55
4	Neural Mechanisms and Information Processing in Recognition Systems. <i>Insects</i> , 2014, 5, 722-741.	1.0	32
5	Recent speciation and secondary contact in endemic ants. <i>Molecular Ecology</i> , 2014, 23, 2529-2542.	2.0	14
6	AN EVOLUTIONARY RESOLUTION OF MANIPULATION CONFLICT. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2038-2051.	1.1	14
7	Kin and nestmate recognition: the influence of W. D. Hamilton on 50 years of research. <i>Animal Behaviour</i> , 2014, 92, 271-279.	0.8	51
8	Smells Like Queen Since the Cretaceous. <i>Science</i> , 2014, 343, 254-255.	6.0	9
9	Cuticular lipids correlate with age and insemination status in queen honeybees. <i>Insectes Sociaux</i> , 2014, 61, 337-345.	0.7	7
10	Reproductive status, endocrine physiology and chemical signaling in the Neotropical, swarm-founding eusocial wasp, <i>Polybia micans</i> Ducke (Vespidae: Epiponini). <i>Journal of Experimental Biology</i> , 2014, 217, 2399-410.	0.8	36
11	Conditional helping and evolutionary transitions to eusociality and cooperative breeding. <i>Behavioral Ecology</i> , 2014, 25, 1173-1182.	1.0	21
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15	Chemical Strategies of the Beetle <i>Metacoelus paradoxus</i> , Social Parasite of the Wasp <i>Vespula vulgaris</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 1137-1147.	0.9	5
16	The origin and evolution of queen and fertility signals in Corbiculate bees. <i>BMC Evolutionary Biology</i> , 2015, 15, 254.	3.2	30
17	The origin and evolution of social insect queen pheromones: Novel hypotheses and outstanding problems. <i>BioEssays</i> , 2015, 37, 808-821.	1.2	122
18	Stable eusociality via maternal manipulation when resistance is costless. <i>Journal of Evolutionary Biology</i> , 2015, 28, 2208-2223.	0.8	13
19	Integrating insights across diverse taxa: challenges for understanding social evolution. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	21

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21	Reproductive regulation in an orchid bee: social context, fertility and chemical signalling. <i>Animal Behaviour</i> , 2015, 106, 43-49.	0.8	24
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24	Ontogeny of Nestmate Recognition in Social Hymenoptera. , 2015, , 165-191.		5
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26	Wax, sex and the origin of species: Dual roles of insect cuticular hydrocarbons in adaptation and mating. <i>BioEssays</i> , 2015, 37, 822-830.	1.2	237
27	Pheromones affecting ovary activation and ovariole loss in the Asian honey bee <i>Apis cerana</i> . <i>Journal of Insect Physiology</i> , 2015, 74, 25-29.	0.9	25
28	The Physiological and Genomic Bases of Bumble Bee Social Behaviour. <i>Advances in Insect Physiology</i> , 2015, 48, 37-93.	1.1	71
29	Juvenile Hormone. <i>Advances in Insect Physiology</i> , 2015, 48, 131-161.	1.1	40
30	Can systems biology help to separate evolutionary analogies (convergent homoplasies) from homologies?. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 117, 19-29.	1.4	6
31	A comparative study of egg recognition signature mixtures in <i>Formica</i> ants. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 520-529.	1.1	25
32	Isolation and determination of absolute configurations of insect-produced methyl-branched hydrocarbons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1077-1082.	3.3	49
33	Population Diversity in Cuticular Hydrocarbons and mtDNA in a Mountain Social Wasp. <i>Journal of Chemical Ecology</i> , 2015, 41, 22-31.	0.9	28
34	Mandibular gland pheromone contents in workers and queens of <i>Apis mellifera adansonii</i> . <i>Apidologie</i> , 2015, 46, 559-572.	0.9	22
35	Evolution: A Royal Seal for Wasp Eggs. <i>Current Biology</i> , 2015, 25, R492-R494.	1.8	0
36	Insect pheromones: An overview of function, form, and discovery. <i>Progress in Lipid Research</i> , 2015, 59, 88-105.	5.3	166
37	Fertility Signaling and Partitioning of Reproduction in the Ant <i>Neoponera apicalis</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 557-566.	0.9	3

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39	Males and females of the social wasp <i>Ropalidia marginata</i> do not differ in their cuticular hydrocarbon profiles and do not seem to use any long-distance volatile mate attraction cues. <i>Insectes Sociaux</i> , 2015, 62, 281-289.	0.7	8
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41	Dual Effect of Wasp Queen Pheromone in Regulating Insect Sociality. <i>Current Biology</i> , 2015, 25, 1638-1640.	1.8	61
42	A social insect fertility signal is dependent on chemical context. <i>Biology Letters</i> , 2015, 11, 20140947.	1.0	44
43	Chiral methyl-branched pheromones. <i>Natural Product Reports</i> , 2015, 32, 1007-1041.	5.2	39
44	A conserved class of queen pheromones? Re-evaluating the evidence in bumblebees (<i>Bombus impatiens</i>) Tj ETQq0 0,0 rgBT /Overlock 1	1.2	40
45	Cuticular Hydrocarbon Pheromones for Social Behavior and Their Coding in the Ant Antenna. <i>Cell Reports</i> , 2015, 12, 1261-1271.	2.9	121
46	Chemoreceptor Evolution in Hymenoptera and Its Implications for the Evolution of Eusociality. <i>Genome Biology and Evolution</i> , 2015, 7, 2407-2416.	1.1	141
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48	Regulation of worker egg laying by larvae in a fission-performing ant. <i>Animal Behaviour</i> , 2015, 106, 149-156.	0.8	19
49	Pheromonal control: reconciling physiological mechanism with signalling theory. <i>Biological Reviews</i> , 2015, 90, 542-559.	4.7	49
50	DNA Methylation in Social Insects: How Epigenetics Can Control Behavior and Longevity. <i>Annual Review of Entomology</i> , 2015, 60, 435-452.	5.7	156
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52	Chemical communication is not sufficient to explain reproductive inhibition in the bumblebee <i>Bombus impatiens</i> . <i>Royal Society Open Science</i> , 2016, 3, 160576.	1.1	41
53	<i>Drosophila</i> As a Genetically Tractable Model for Social Insect Behavior. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	11
54	Genes Underlying Reproductive Division of Labor in Termites, with Comparisons to Social Hymenoptera. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	25
55	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

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57	A cuckoo-like parasitic moth leads African weaver ant colonies to their ruin. <i>Scientific Reports</i> , 2016, 6, 23778.	1.6	5
58	Colony and species recognition among the <i>Formica</i> ants. , 0, , 106-122.		1
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65	Odor diversity decreases with inbreeding in the ant <i>Hypoponera opacior</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2573-2582.	1.1	8
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72	Highly specific responses to queen pheromone in three <i>Lasius</i> ant species. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 387-392.	0.6	29
73	Biological activity of the enantiomers of 3-methylhentriacontane, a queen pheromone of the ant <i>Lasius niger</i> . <i>Journal of Experimental Biology</i> , 2016, 219, 1632-8.	0.8	18

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75	Cheating and punishment in cooperative animal societies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150090.	1.8	65
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77	Intraspecific worker parasitism in the common wasp, <i>Vespula vulgaris</i> . <i>Animal Behaviour</i> , 2016, 113, 79-85.	0.8	19
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85	Primer effects of the honeybee, <i>Apis mellifera</i> , queen pheromone 9-ODA on drones. <i>Animal Behaviour</i> , 2017, 127, 271-279.	0.8	15
86	Breaking the cipher: ant eavesdropping on the variational trail pheromone of its termite prey. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170121.	1.2	18
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89	Chemosensory sensitivity reflects reproductive status in the ant <i>Harpegnathos saltator</i> . <i>Scientific Reports</i> , 2017, 7, 3732.	1.6	33
90	Solitary bees reduce investment in communication compared with their social relatives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6569-6574.	3.3	67
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95	The evolution of queen control over worker reproduction in the social Hymenoptera. <i>Ecology and Evolution</i> , 2017, 7, 8427-8441.	0.8	10
96	Evolutionary origin of insect pheromones. <i>Current Opinion in Insect Science</i> , 2017, 24, 36-42.	2.2	61
97	Computational genome-wide survey of odorant receptors from two solitary bees <i>Dufourea novaeangliae</i> (Hymenoptera: Halictidae) and <i>Habropoda laboriosa</i> (Hymenoptera: Apidae). <i>Scientific Reports</i> , 2017, 7, 10823.	1.6	17
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107	The relationship between queen execution and cuticular hydrocarbons in stingless bee <i>Melipona scutellaris</i> (Hymenoptera: Meliponini). <i>Chemoecology</i> , 2017, 27, 25-32.	0.6	4
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116	The role of cuticular hydrocarbons in mate recognition in <i>Drosophila suzukii</i> . <i>Scientific Reports</i> , 2018, 8, 4996.	1.6	55
117	Sociality and communicative complexity: insights from the other insect societies. <i>Current Opinion in Insect Science</i> , 2018, 28, 19-25.	2.2	17
118	Hemimetabolous genomes reveal molecular basis of termite eusociality. <i>Nature Ecology and Evolution</i> , 2018, 2, 557-566.	3.4	223
119	Pharaoh ant colonies dynamically regulate reproductive allocation based on colony demography. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	0.6	21
120	Adult social environment alters female reproductive investment in the cricket <i>Gryllus firmus</i> . <i>Behavioral Ecology</i> , 2018, 29, 440-447.	1.0	12
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125	Queen pheromones and reproductive division of labor: a meta-analysis. <i>Behavioral Ecology</i> , 0, , .	1.0	22
126	Queen pheromones under scrutiny: a comment on Holman. <i>Behavioral Ecology</i> , 0, , .	1.0	0
127	Onwards and upwards: a response to comments on Holman. <i>Behavioral Ecology</i> , 0, , .	1.0	0
128	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

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130	Reproductive Dominance Strategies in Insect Social Parasites. <i>Journal of Chemical Ecology</i> , 2018, 44, 838-850.	0.9	10
131	Chemical Communication and Reproduction Partitioning in Social Wasps. <i>Journal of Chemical Ecology</i> , 2018, 44, 796-804.	0.9	15
132	Queen pheromone: contraceptive or a queen presence signal? A comment on Holman. <i>Behavioral Ecology</i> , 0, , .	1.0	0
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135	Preface: Pheromone-Mediation of Female Reproduction and Reproductive Dominance in Social Species. <i>Journal of Chemical Ecology</i> , 2018, 44, 747-749.	0.9	2
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138	Do queen cuticular hydrocarbons inhibit worker reproduction in <i>Bombus impatiens</i> ?. <i>Insectes Sociaux</i> , 2018, 65, 601-608.	0.7	8
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143	Queen and king recognition in the subterranean termite, <i>Reticulitermes flavipes</i> : Evidence for royal recognition pheromones. <i>PLoS ONE</i> , 2019, 14, e0209810.	1.1	11
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145	Queen Longevity and Fecundity Affect Conflict with Workers over Resource Inheritance in a Social Insect. <i>American Naturalist</i> , 2019, 193, 256-266.	1.0	18
146	Workers' sons rescue genetic diversity at the sex locus in an invasive honey bee population. <i>Molecular Ecology</i> , 2019, 28, 1585-1592.	2.0	15

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149	Comparative transcriptomics of social insect queen pheromones. <i>Nature Communications</i> , 2019, 10, 1593.	5.8	32
150	Female cuticular hydrocarbons can signal indirect fecundity benefits in an insect. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 982-989.	1.1	14
151	Losing the Arms Race: Greater Wax Moths Sense but Ignore Bee Alarm Pheromones. <i>Insects</i> , 2019, 10, 81.	1.0	4
152	The critical role of primer pheromones in maintaining insect sociality. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019, 74, 221-231.	0.6	13
153	(3 <i>R</i> ,6 <i>E</i>)-nerolidol, a fertility-related volatile secreted by the queens of higher termites (Termitidae: Syntermitinae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019, 74, 251-264.	0.6	14
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