

# Pheromone Communication in the Honeybee (*Apis mellifera*)

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Factors influencing ovary development of worker honeybees under natural conditions. Canadian Journal of Zoology, 1968, 46, 345-347.	0.4	43
3	Order, Disorder, Death: Lessons from a Superorganism. Advances in Cancer Research, 2006, 95, 31-60.	1.9	18
4	A deficit of detoxification enzymes: pesticide sensitivity and environmental response in the honeybee. Insect Molecular Biology, 2006, 15, 615-636.	1.0	599
5	Social parasitism by honeybee workers ( <i>Apis mellifera capensis</i> Esch.): evidence for pheromonal resistance to host queen's signals. Behavioral Ecology and Sociobiology, 2006, 60, 785-793.	0.6	29
6	Larval salivary glands are a source of primer and releaser pheromone in honey bee ( <i>Apis mellifera</i> L.). Die Naturwissenschaften, 2006, 93, 237-241.	0.6	39
7	Queen pheromone modulates brain dopamine function in worker honey bees. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2460-2464.	3.3	149
8	A honey bee odorant receptor for the queen substance 9-oxo-2-decenoic acid. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14383-14388.	3.3	198
9	Queen Pheromone Blocks Aversive Learning in Young Worker Bees. Science, 2007, 317, 384-386.	6.0	99
10	AGE-DEPENDENT CONDITIONED RESPONSES TO QUEEN PHEROMONE IN <i>APIS MELLIFERA CARNICA</i> POLLM. WORKERS FROM QUEENLESS COLONY TREATED WITH SYNTHETIC QUEEN MANDIBULAR PHEROMONE. Acta Zoologica Lituanica, 2007, 17, 341-345.	0.3	1
11	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
12	Flight and fight: A comparative view of the neurophysiology and genetics of honey bee defensive behavior. Journal of Insect Physiology, 2007, 53, 399-410.	0.9	103
13	Endocrine modulation of a pheromone-responsive gene in the honey bee brain. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2007, 193, 461-470.	0.7	68
14	Uncoupling primer and releaser responses to pheromone in honey bees. Die Naturwissenschaften, 2007, 94, 375-379.	0.6	31
15	Brood Pheromone Modulation of Pollen Forager Turnaround Time in the Honey Bee ( <i>Apis mellifera</i> L.). Journal of Insect Behavior, 2007, 20, 173-180.	0.4	37
16	A bee-line into learning and memory mechanisms. Cellular and Molecular Life Sciences, 2008, 65, 3521-3524.	2.4	3
17	Colony nutritional status modulates worker responses to foraging recruitment pheromone in the bumblebee <i>Bombus terrestris</i> . Behavioral Ecology and Sociobiology, 2008, 62, 1919-1926.	0.6	62
18	Pheromonal regulation of starvation resistance in honey bee workers ( <i>Apis mellifera</i> ). Die Naturwissenschaften, 2008, 95, 723-729.	0.6	64
19	Processing of sting pheromone and its components in the antennal lobe of the worker honeybee. Journal of Insect Physiology, 2008, 54, 833-841.	0.9	15

#	ARTICLE	IF	CITATIONS
20	Primer Pheromones in Social Hymenoptera. Annual Review of Entomology, 2008, 53, 523-542.	5.7	358
21	Structural Basis of the Honey Bee PBP Pheromone and pH-induced Conformational Change. Journal of Molecular Biology, 2008, 380, 158-169.	2.0	87
22	The buzz on fly neuronal remodeling. Trends in Endocrinology and Metabolism, 2008, 19, 317-323.	3.1	15
23	Communication Systems. , 2008, , 597-642.		0
24	Peripheral modulation of worker bee responses to queen mandibular pheromone. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20930-20935.	3.3	64
25	Chemical correlates of reproduction and worker policing in a myrmicine ant. Journal of Insect Physiology, 2009, 55, 19-26.	0.9	10
26	Uncoupling fertility from fertility-associated pheromones in worker honeybees ( <i>Apis mellifera</i> ). Journal of Insect Physiology, 2009, 55, 205-209.	0.9	14
27	Dopamine Receptor Activation By Honey Bee Queen Pheromone. Current Biology, 2009, 19, 1206-1209.	1.8	82
28	The Ancient Chemistry of Avoiding Risks of Predation and Disease. Evolutionary Biology, 2009, 36, 267-281.	0.5	84
29	Regulation of brain gene expression in honey bees by brood pheromone. Genes, Brain and Behavior, 2009, 8, 309-319.	1.1	107
30	Queen reproductive state modulates pheromone production and queen-worker interactions in honeybees. Behavioral Ecology, 2009, 20, 1007-1014.	1.0	67
31	Honeybee Social Regulatory Networks Are Shaped by Colony-Level Selection. American Naturalist, 2009, 173, E99-E107.	1.0	58
32	Division of labor in honeybees: form, function, and proximate mechanisms. Behavioral Ecology and Sociobiology, 2010, 64, 305-316.	0.6	191
33	Pheromones and signature mixtures: defining species-wide signals and variable cues for identity in both invertebrates and vertebrates. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 685-700.	0.7	305
34	Effects of queen mandibular pheromone on nestmate recognition in worker honeybees, <i>Apis mellifera</i> . Animal Behaviour, 2010, 79, 649-656.	0.8	14
35	New insights into honey bee ( <i>Apis mellifera</i> ) pheromone communication. Is the queen mandibular pheromone alone in colony regulation?. Frontiers in Zoology, 2010, 7, 18.	0.9	42
36	Comparative analysis of detoxification enzymes in <i>Acyrtosiphon pisum</i> and <i>Myzus persicae</i> . Insect Molecular Biology, 2010, 19, 155-164.	1.0	203
37	Individual Variation in Pheromone Response Correlates with Reproductive Traits and Brain Gene Expression in Worker Honey Bees. PLoS ONE, 2010, 5, e9116.	1.1	54

#	ARTICLE	IF	CITATIONS
38	Selfish strategies and honest signalling: reproductive conflicts in ant queen associations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2007-2015.	1.2	58
39	Durability of information concerning the presence of a gamergate in <i>Diacamma</i> sp. from Japan. <i>Physiological Entomology</i> , 2010, 35, 93-97.	0.6	8
40	Deconstructing the Superorganism: Social Physiology, Groundplans, and Sociogenomics. <i>Quarterly Review of Biology</i> , 2010, 85, 57-79.	0.0	125
41	Mapping the Expression of Soluble Olfactory Proteins in the Honeybee. <i>Journal of Proteome Research</i> , 2010, 9, 1822-1833.	1.8	70
42	Task partitioning in honey bees: the roles of signals and cues in group-level coordination of action. <i>Behavioral Ecology</i> , 2010, 21, 1373-1379.	1.0	17
43	The chemical ecology and evolution of bee-flower interactions: a review and perspectives The present review is one in the special series of reviews on animal-plant interactions.. <i>Canadian Journal of Zoology</i> , 2010, 88, 668-697.	0.4	203
44	Pheromones in a Superorganism. <i>Vitamins and Hormones</i> , 2010, 83, 401-423.	0.7	26
45	Chemical Communication and Aquaculture of Decapod Crustaceans: Needs, Problems, and Possible Solutions. , 2010, , 485-506.		4
46	Antennal Proteome Comparison of Sexually Mature Drone and Forager Honeybees. <i>Journal of Proteome Research</i> , 2011, 10, 3246-3260.	1.8	16
47	Differential Expression of Odorant-Binding Proteins in the Mandibular Glands of the Honey Bee According to Caste and Age. <i>Journal of Proteome Research</i> , 2011, 10, 3439-3449.	1.8	134
48	Learning Organic Chemistry through a Study of Semiochemicals. <i>Journal of Chemical Education</i> , 2011, 88, 1644-1647.	1.1	6
49	Pathological effects of the microsporidium <i>Nosema ceranae</i> on honey bee queen physiology ( <i>Apis mellifera</i> ) <i>Overlooked</i> 1.0784314 1.5 92		
50	The neurobiology of insect olfaction: Sensory processing in a comparative context. <i>Progress in Neurobiology</i> , 2011, 95, 427-447.	2.8	189
51	Chemical communication in the honeybee ( <i>Apis mellifera</i> L.): a review. <i>Veterinari Medicina</i> , 2011, 56, 265-273.	0.2	54
52	Differential Proteomics in Dequeen Honeybee Colonies Reveals Lower Viral Load in Hemolymph of Fertile Worker Bees. <i>PLoS ONE</i> , 2011, 6, e20043.	1.1	19
53	Genome-wide analysis of alternative reproductive phenotypes in honeybee workers. <i>Molecular Ecology</i> , 2011, 20, 4070-4084.	2.0	60
54	Cooperation, Conflict, and the Evolution of Queen Pheromones. <i>Journal of Chemical Ecology</i> , 2011, 37, 1263-1275.	0.9	123
55	Effects of Instrumental Insemination and Insemination Quantity on Dufour's Gland Chemical Profiles and Vitellogenin Expression in Honey Bee Queens ( <i>Apis mellifera</i> ). <i>Journal of Chemical Ecology</i> , 2011, 37, 1027-1036.	0.9	31

#	ARTICLE	IF	CITATIONS
56	cGMP modulates responses to queen mandibular pheromone in worker honey bees. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 939-948.	0.7	15
57	Pheromone-mediated reproductive dominance hierarchies among pseudo-clonal honeybee workers ( <i>Apis mellifera capensis</i> ). <i>Apidologie</i> , 2011, 42, 659-668.	0.9	5
58	Behavioral and Neurophysiological Study of Olfactory Perception and Learning in Honeybees. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 98.	1.2	97
59	<i>Comparative Social Behavior.</i> , 2012, , 399-432.		0
60	Chemical Signature and Reproductive Status in the Facultatively Polygynous ant <i>Pachycondyla Verenae</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 1441-1449.	0.9	13
61	Collection of volatiles from honeybee larvae and adults enclosed on brood frames. <i>Apidologie</i> , 2012, 43, 715-730.	0.9	30
62	<i>Bombyx mori</i> Transcription Factors: Genome-Wide Identification, Expression Profiles and Response to Pathogens by Microarray Analysis. <i>Journal of Insect Science</i> , 2012, 12, 1-24.	0.6	9
63	Western Honeybee Drones and Workers ( <i>Apis mellifera ligustica</i> ) Have Different Olfactory Mechanisms than Eastern Honeybees ( <i>Apis cerana cerana</i> ). <i>Journal of Proteome Research</i> , 2012, 11, 4526-4540.	1.8	24
64	Differential antennal proteome comparison of adult honeybee drone, worker and queen ( <i>Apis</i> ) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 422	1.2	24
65	Vitellogenin in Honey Bee Behavior and Lifespan. , 2012, , 17-29.		50
66	Dopamine Signaling in the Bee. , 2012, , 199-209.		13
67	General Stress Responses in the Honey Bee. <i>Insects</i> , 2012, 3, 1271-1298.	1.0	122
68	Queen mandibular pheromone: questions that remain to be resolved. <i>Apidologie</i> , 2012, 43, 292-307.	0.9	18
69	Sensory reception of the primer pheromone ethyl oleate. <i>Die Naturwissenschaften</i> , 2012, 99, 421-425.	0.6	8
70	Effects of honey bee ( <i>Apis mellifera</i> L.) queen insemination volume on worker behavior and physiology. <i>Journal of Insect Physiology</i> , 2012, 58, 1082-1089.	0.9	35
71	How the social parasitic bumblebee <i>Bombus bohemicus</i> sneaks into power of reproduction. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 475-486.	0.6	23
72	Odorant-binding proteins and olfactory coding in the solitary bee <i>Osmia cornuta</i> . <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3029-3039.	2.4	35
73	Signals in family conflicts. <i>Animal Behaviour</i> , 2013, 86, 11-16.	0.8	24

#	ARTICLE	IF	CITATIONS
74	Intracolony chemical communication in social insects. <i>Insectes Sociaux</i> , 2013, 60, 275-291.	0.7	111
75	Mixture and odorant processing in the olfactory systems of insects: a comparative perspective. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2013, 199, 911-928.	0.7	45
76	Parallel processing in the honeybee olfactory pathway: structure, function, and evolution. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2013, 199, 981-996.	0.7	37
77	Animal Communication and Noise. <i>Animal Signals and Communication</i> , 2013, , .	0.4	110
78	Differential effects of insemination volume and substance on reproductive changes in honey bee queens ( <i>Apis mellifera</i> ). <i>Insect Molecular Biology</i> , 2013, 22, 233-244.	1.0	31
79	An anti-steroidogenic inhibitory primer pheromone in male sea lamprey ( <i>Petromyzon marinus</i> ). <i>General and Comparative Endocrinology</i> , 2013, 189, 24-31.	0.8	16
80	Chronic parasitization by <i>Nosema</i> microsporidia causes global expression changes in core nutritional, metabolic and behavioral pathways in honey bee workers ( <i>Apis mellifera</i> ). <i>BMC Genomics</i> , 2013, 14, 799.	1.2	82
81	Standard methods for chemical ecology research in <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2013, 52, 1-34.	0.7	20
82	Standard methods for maintaining adult <i>Apis mellifera</i> in cages under <i>in vitro</i> laboratory conditions. <i>Journal of Apicultural Research</i> , 2013, 52, 1-36.	0.7	230
83	Communication Systems. , 2013, , 603-647.		5
84	Are queen ants inhibited by their own pheromone? Regulation of productivity via negative feedback. <i>Behavioral Ecology</i> , 2013, 24, 380-385.	1.0	16
85	Noise in Chemical Communication. <i>Animal Signals and Communication</i> , 2013, , 373-405.	0.4	13
86	Discrimination of the Social Parasite <i>Ectatomma parasiticum</i> by Its Host Sibling Species ( <i>E.</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0.4 4		
87	Chemical Profiles of Two Pheromone Glands Are Differentially Regulated by Distinct Mating Factors in Honey Bee Queens ( <i>Apis mellifera</i> L.). <i>PLoS ONE</i> , 2013, 8, e78637.	1.1	31
88	Pheromones Acting as Social Signals Modulate Learning in Honeybees. <i>Handbook of Behavioral Neuroscience</i> , 2013, , 442-449.	0.7	3
89	Epigenetics as an answer to Darwin's "special difficulty". <i>Frontiers in Genetics</i> , 2014, 5, 321. 1.1 10		
90	Honeybee drones are attracted by groups of conspecifics in a walking simulator. <i>Journal of Experimental Biology</i> , 2014, 217, 1278-85.	0.8	19
91	Queen and young larval pheromones impact nursing and reproductive physiology of honey bee ( <i>Apis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 0.6 88		

#	ARTICLE	IF	CITATIONS
92	<i>Nosema ceranae</i> and queen age influence the reproduction and productivity of the honey bee colony. <i>Journal of Apicultural Research</i> , 2014, 53, 545-554.	0.7	40
93	Genomic analysis of the interactions between social environment and social communication systems in honey bees ( <i>Apis mellifera</i> ). <i>Insect Biochemistry and Molecular Biology</i> , 2014, 47, 36-45.	1.2	32
94	From molecules to societies: mechanisms regulating swarming behavior in honey bees ( <i>Apis</i> spp.). <i>Apidologie</i> , 2014, 45, 327-346.	0.9	43
95	Effect of queen excluders on ovary activation in workers of the Eastern honeybee <i>Apis cerana</i> . <i>Insectes Sociaux</i> , 2014, 61, 191-196.	0.7	2
96	Sequence and expression characterization of an OBP1 gene in the Asian honeybee, <i>Apis cerana cerana</i> (Hymenoptera: Apidae). <i>Applied Entomology and Zoology</i> , 2014, 49, 189-196.	0.6	16
97	Molecular and social regulation of worker division of labour in fire ants. <i>Molecular Ecology</i> , 2014, 23, 660-672.	2.0	46
98	Identification of a Plant Receptor for Extracellular ATP. <i>Science</i> , 2014, 343, 290-294.	6.0	435
99	Conserved Class of Queen Pheromones Stops Social Insect Workers from Reproducing. <i>Science</i> , 2014, 343, 287-290.	6.0	298
100	Highly efficient integration and expression of <i>piggyBac</i> -derived cassettes in the honeybee ( <i>Apis mellifera</i> ) using a novel <i>gRNA</i> expression system. <i>PLoS ONE</i> , 2014, 9, e100000.	3.3	120
101	Olfactory subsystems in the honeybee: sensory supply and sex specificity. <i>Cell and Tissue Research</i> , 2014, 357, 583-595.	1.5	29
102	Genetic Distance and Age Affect the Cuticular Chemical Profiles of the Clonal Ant <i>Cerapachys biroi</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 429-438.	0.9	5
103	Introduction to Chemical Signaling in Vertebrates and Invertebrates. <i>Journal of Chemical Ecology</i> , 2014, 40, 21-42.		79
105	The origin and evolution of queen and fertility signals in Corbiculate bees. <i>BMC Evolutionary Biology</i> , 2015, 15, 254.	3.2	30
106	The origin and evolution of social insect queen pheromones: Novel hypotheses and outstanding problems. <i>BioEssays</i> , 2015, 37, 808-821.	1.2	122
107	Neuronal plasticity in the mushroom body calyx during adult maturation in the honeybee and possible pheromonal influences. <i>Developmental Neurobiology</i> , 2015, 75, 1368-1384.	1.5	43
109	Extracting Social Information from Chemosensory Cues: Consideration of Several Scenarios and Their Functional Implications. <i>Frontiers in Neuroscience</i> , 2015, 9, 439.	1.4	6
110	Study of the <i>obp5</i> gene in <i>Apis mellifera ligustica</i> and <i>Apis cerana cerana</i> . <i>Genetics and Molecular Research</i> , 2015, 14, 6482-6494.	0.3	11
111	Juvenile hormone and ecdysteroids as major regulators of brain and behavior in bees. <i>Current Opinion in Insect Science</i> , 2015, 12, 26-37.	2.2	37

#	ARTICLE	IF	CITATIONS
112	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
113	The Molecular and Evolutionary Genetic Implications of Being Truly Social for the Social Insects. <i>Advances in Insect Physiology</i> , 2015, , 271-292.	1.1	32
114	Mandibular gland pheromone contents in workers and queens of <i>Apis mellifera adansonii</i> . <i>Apidologie</i> , 2015, 46, 559-572.	0.9	22
115	Differential Combinatorial Coding of Pheromones in Two Olfactory Subsystems of the Honey Bee Brain. <i>Journal of Neuroscience</i> , 2015, 35, 4157-4167.	1.7	46
116	Epigenetics as an answer to Darwin's "special difficulty" Part 2: natural selection of metastable epialleles in honeybee castes. <i>Frontiers in Genetics</i> , 2015, 6, 60.	1.1	8
117	Neurophysiological mechanisms underlying sex- and maturation-related variation in pheromone responses in honey bees ( <i>Apis mellifera</i> ). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2015, 201, 731-739.	0.7	28
118	Neurogenomic mechanisms of social plasticity. <i>Journal of Experimental Biology</i> , 2015, 218, 140-149.	0.8	107
119	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
120	Binding interaction between a queen pheromone component HOB and pheromone binding protein ASP1 of <i>Apis cerana</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 72, 430-436.	3.6	34
123	<i>Comparative Social Behavior.</i> , 2016, , 459-497.		2
124	Identification of Multiple Loci Associated with Social Parasitism in Honeybees. <i>PLoS Genetics</i> , 2016, 12, e1006097.	1.5	31
125	Caste-Specific and Sex-Specific Expression of Chemoreceptor Genes in a Termite. <i>PLoS ONE</i> , 2016, 11, e0146125.	1.1	40
126	Honey Bee ( <i>Apis mellifera</i> ) Queen Reproductive Potential Affects Queen Mandibular Gland Pheromone Composition and Worker Retinue Response. <i>PLoS ONE</i> , 2016, 11, e0156027.	1.1	29
127	Chemical communication of queen supergene status in an ant. <i>Journal of Evolutionary Biology</i> , 2016, 29, 502-513.	0.8	21
128	Social signals and aversive learning in honey bee drones and workers. <i>Biology Open</i> , 2016, 6, 41-49.	0.6	7
129	Poison and alarm: The Asian hornet <i>Vespa velutina</i> uses sting venom volatiles as alarm pheromone. <i>Journal of Experimental Biology</i> , 2017, 220, 645-651.	0.8	34
130	Proteomic Analysis Reveals the Molecular Underpinnings of Mandibular Gland Development and Lipid Metabolism in Two Lines of Honeybees ( <i>Apis mellifera ligustica</i> ). <i>Journal of Proteome Research</i> , 2016, 15, 3342-3357.	1.8	31
131	<i>Agricultural Proteomics Volume 1.</i> , 2016, , .		0



#	ARTICLE	IF	CITATIONS
132	Will climate change affect insect pheromonal communication?. Current Opinion in Insect Science, 2016, 17, 87-91.	2.2	49
133	Proteomic Research on Honeybee. , 2016, , 225-252.		2
134	Assessing the health status of managed honeybee colonies (HEALTHY-B): a toolbox to facilitate harmonised data collection. EFSA Journal, 2016, 14, e04578.	0.9	24
135	Specific Cues Associated With Honey Bee Social Defence against Varroa destructor Infested Brood. Scientific Reports, 2016, 6, 25444.	1.6	67
136	Starving honey bee ( <i>Apis mellifera</i> ) larvae signal pheromonally to worker bees. Scientific Reports, 2016, 6, 22359.	1.6	53
137	Novel antennal lobe substructures revealed in the small hive beetle <i>Aethina tumida</i> . Cell and Tissue Research, 2016, 363, 679-692.	1.5	11
138	Inter-caste communication in social insects. Current Opinion in Neurobiology, 2016, 38, 6-11.	2.0	35
139	Chemosensory proteins of the eastern honeybee, <i>Apis cerana</i> : Identification, tissue distribution and olfactory related functional characterization. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 194-195, 11-19.	0.7	37
140	Reproductive traits and mandibular gland pheromone of anarchistic honey bee workers <i>Apis mellifera</i> occurring in China. Apidologie, 2016, 47, 515-526.	0.9	5
141	Ecology of <i>Varroa destructor</i> , the Major Ectoparasite of the Western Honey Bee, <i>Apis mellifera</i> . Annual Review of Entomology, 2016, 61, 417-432.	5.7	261
142	Assessing the role of $\beta$ -ocimene in regulating foraging behavior of the honey bee, <i>Apis mellifera</i> . Apidologie, 2016, 47, 135-144.	0.9	16
143	Sexual response of male <i>Drosophila</i> to honey bee queen mandibular pheromone: implications for genetic studies of social insects. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 143-149.	0.7	8
144	Comparative proteomic analysis provides insight into 10-hydroxy-2-decenoic acid biosynthesis in honey bee workers. Amino Acids, 2017, 49, 1177-1192.	1.2	7
145	Effect of Brood Pheromone on Survival and Nutrient Intake of African Honey Bees ( <i>Apis mellifera</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc	0.9	7
146	A larval "princess pheromone" identifies future ant queens based on their juvenile hormone content. Animal Behaviour, 2017, 128, 33-40.	0.8	21
147	Primer effects of the honeybee, <i>Apis mellifera</i> , queen pheromone 9-ODA on drones. Animal Behaviour, 2017, 127, 271-279.	0.8	15
148	Resisting majesty: <i>Apis cerana</i> , has lower antennal sensitivity and decreased attraction to queen mandibular pheromone than <i>Apis mellifera</i> . Scientific Reports, 2017, 7, 44640.	1.6	5
150	Beekeeping and Science. , 2017, , 175-187.		0

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151	Virgin queen attraction toward males in honey bees. <i>Scientific Reports</i> , 2017, 7, 6293.	1.6	11
153	Subfamily-dependent alternative reproductive strategies in worker honeybees. <i>Molecular Ecology</i> , 2017, 26, 6938-6947.	2.0	8
154	Comparative transcriptome analysis on the synthesis pathway of honey bee ( <i>Apis mellifera</i> ) mandibular gland secretions. <i>Scientific Reports</i> , 2017, 7, 4530.	1.6	35
155	Hormonal pleiotropy helps maintain queen signal honesty in a highly eusocial wasp. <i>Scientific Reports</i> , 2017, 7, 1654.	1.6	31
156	Bee++: An Object-Oriented, Agent-Based Simulator for Honey Bee Colonies. <i>Insects</i> , 2017, 8, 31.	1.0	18
157	Honey bees preferentially consume freshly-stored pollen. <i>PLoS ONE</i> , 2017, 12, e0175933.	1.1	54
158	Age-specific olfactory attraction between Western honey bee drones ( <i>Apis mellifera</i> ) and its chemical basis. <i>PLoS ONE</i> , 2017, 12, e0185949.	1.1	6
159	It's Not a Bug, It's a Feature: Functional Materials in Insects. <i>Advanced Materials</i> , 2018, 30, e1705322.	11.1	120
160	Hissing of <i>A. cerana japonica</i> is not only a direct aposematic response but also a frequent behavior during daytime. <i>Insectes Sociaux</i> , 2018, 65, 331-337.	0.7	5
161	Queen Pheromones and Mandibular Gland Dissection. <i>Bee World</i> , 2018, 95, 3-5.	0.3	1
162	Pharaoh ant colonies dynamically regulate reproductive allocation based on colony demography. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	0.6	21
163	Biogenic amine signaling systems in the red imported fire ant, <i>Solenopsis invicta</i> – Possible contributors to worker division of labor. <i>General and Comparative Endocrinology</i> , 2018, 262, 59-70.	0.8	10
164	Control of mandibular gland pheromone synthesis by alternative splicing of the CP-2 transcription factor gemini in honeybees ( <i>Apis mellifera carnica</i> ). <i>Apidologie</i> , 2018, 49, 450-458.	0.9	6
165	Comparative antennal transcriptome of <i>Apis cerana cerana</i> from four developmental stages. <i>Gene</i> , 2018, 660, 102-108.	1.0	7
166	Comparative transcriptome analysis of <i>Apis mellifera</i> antennae of workers performing different tasks. <i>Molecular Genetics and Genomics</i> , 2018, 293, 237-248.	1.0	26
167	Evaluating the Role of Drone-Produced Chemical Signals in Mediating Social Interactions in Honey Bees ( <i>Apis mellifera</i> ). <i>Journal of Chemical Ecology</i> , 2018, 44, 1-8.	0.9	23
168	Queen pheromones and reproductive division of labor: a meta-analysis. <i>Behavioral Ecology</i> , 0, , .	1.0	22
169	The influence of temperature and photoperiod on the timing of brood onset in hibernating honey bee colonies. <i>PeerJ</i> , 2018, 6, e4801.	0.9	31

#	ARTICLE	IF	CITATIONS
170	Marked interspecific differences in the neuroanatomy of the male olfactory system of honey bees (genus <i>Apis</i> ). <i>Journal of Comparative Neurology</i> , 2018, 526, 3020-3034.	0.9	8
171	Dominant-subordinate social interactions and subordinate behavioral responses in the primitively eusocial sweat bee <i>Augochlora phoemonoe</i> (Hymenoptera: Halictidae). <i>Apidologie</i> , 2018, 49, 852-861.	0.9	4
172	Hungry for the queen: Honeybee nutritional environment affects worker pheromone response in a life stage-dependent manner. <i>Functional Ecology</i> , 2018, 32, 2699-2706.	1.7	15
173	Larval pheromones act as colony-wide regulators of collective foraging behavior in honeybees. <i>Behavioral Ecology</i> , 2018, 29, 1132-1141.	1.0	11
174	Getting ready for mating: The importance of male touching as an accelerator of ovarian growth in a caridean shrimp. <i>Zoology</i> , 2018, 130, 57-66.	0.6	9
175	Honey bees consider larval nutritional status rather than genetic relatedness when selecting larvae for emergency queen rearing. <i>Scientific Reports</i> , 2018, 8, 7679.	1.6	21
176	Reproductive parasitism by worker honey bees suppressed by queens through regulation of worker mandibular secretions. <i>Scientific Reports</i> , 2018, 8, 7701.	1.6	12
177	Evolutionary ecology of chemosensation and its role in sensory drive. <i>Environmental Epigenetics</i> , 2018, 64, 525-533.	0.9	42
178	Modulation of the honey bee queen microbiota: Effects of early social contact. <i>PLoS ONE</i> , 2018, 13, e0200527.	1.1	43
179	The reduced brood nursing by mite-infested honey bees depends on their accelerated behavioral maturation. <i>Journal of Insect Physiology</i> , 2018, 109, 47-54.	0.9	19
180	Aging and Behavior in Honey Bees. , 2019, , 709-715.		0
181	Context matters: plasticity in response to pheromones regulating reproduction and collective behavior in social Hymenoptera. <i>Current Opinion in Insect Science</i> , 2019, 35, 69-76.	2.2	12
182	Transcriptomic basis and evolution of the ant nurse-larval social interactome. <i>PLoS Genetics</i> , 2019, 15, e1008156.	1.5	13
183	Honey bee ( <i>Apis mellifera</i> ) larval pheromones may regulate gene expression related to foraging task specialization. <i>BMC Genomics</i> , 2019, 20, 592.	1.2	18
184	The capping pheromones and putative biosynthetic pathways in worker and drone larvae of honey bees <i>Apis mellifera</i> . <i>Apidologie</i> , 2019, 50, 793-803.	0.9	5
185	Cross-activity of honeybee queen mandibular pheromone in bumblebees provides evidence for sensory exploitation. <i>Behavioral Ecology</i> , 2019, , .	1.0	6
186	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
187	Mechanistic insight into binding interaction between chemosensory protein 4 and volatile larval pheromones in honeybees ( <i>Apis mellifera</i> ). <i>International Journal of Biological Macromolecules</i> , 2019, 141, 553-563.	3.6	10

#	ARTICLE	IF	CITATIONS
188	Viral infections alter antennal epithelium ultrastructure in honey bees. <i>Journal of Invertebrate Pathology</i> , 2019, 168, 107252.	1.5	5
189	Cloning and expression pattern of odorant receptor 11 in Asian honeybee drones, <i>Apis cerana</i> (Hymenoptera, Apidae). <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 110-116.	0.4	8
190	Honeybees possess a structurally diverse and functionally redundant set of queen pheromones. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190517.	1.2	26
191	Olfaction as a Target for Control of Honeybee Parasite Mite <i>Varroa destructor</i> . , 2019, , 117-134.		6
192	Kinematics of Stewart Platform Explains Three-Dimensional Movement of Honeybee's Abdominal Structure. <i>Journal of Insect Science</i> , 2019, 19, .	0.6	8
193	Modulation Analysis in Macro-Molecular Communications. <i>IEEE Access</i> , 2019, 7, 11049-11065.	2.6	10
194	Invertebrate Pheromones: Models for Neuroethology. , 2019, , 31-39.		1
195	Do Primitively Eusocial Wasps Use Queen Pheromones to Regulate Reproduction? A Case Study of the Paper Wasp <i>Polistes satan</i> . <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	22
196	Revising the Superorganism: An Organizational Approach to Complex Eusociality. <i>Frontiers in Psychology</i> , 2019, 10, 2653.	1.1	16
197	Experimental and Analytical Analysis of Macro-Scale Molecular Communications Within Closed Boundaries. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2019, 5, 44-55.	1.4	13
198	Analysis of the <i>Drosophila melanogaster</i> anti-ovarian response to honey bee queen mandibular pheromone. <i>Insect Molecular Biology</i> , 2019, 28, 99-111.	1.0	10
199	Changes in responsiveness to allatostatin treatment accompany shifts in stress reactivity in young worker honey bees. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 51-59.	0.7	3
200	In-depth Proteome of the Hypopharyngeal Glands of Honeybee Workers Reveals Highly Activated Protein and Energy Metabolism in Priming the Secretion of Royal Jelly. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 606-621.	2.5	39
201	Putative Drone Copulation Factors Regulating Honey Bee ( <i>Apis mellifera</i> ) Queen Reproduction and Health: A Review. <i>Insects</i> , 2019, 10, 8.	1.0	28
202	Information limitation and the dynamics of coupled ecological systems. <i>Nature Ecology and Evolution</i> , 2020, 4, 82-90.	3.4	31
203	Chemical structure of semiochemicals and key binding sites together determine the olfactory functional modes of odorant-binding protein 2 in Eastern honey bee, <i>Apis cerana</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 145, 876-884.	3.6	11
204	Injection of seminal fluid into the hemocoel of honey bee queens ( <i>Apis mellifera</i> ) can stimulate post-mating changes. <i>Scientific Reports</i> , 2020, 10, 11990.	1.6	9
205	Silicone Wristbands as Passive Samplers in Honey Bee Hives. <i>Veterinary Sciences</i> , 2020, 7, 86.	0.6	6

#	ARTICLE	IF	CITATIONS
206	Influence of RNA interference-mediated reduction of Or11 on the expression of transcription factor Kr-h1 in <i>Apis mellifera</i> drones. <i>Insectes Sociaux</i> , 2020, 67, 411-418.	0.7	1
207	The Effect of the Queen's Presence on Thermal Behavior and Locomotor Activity of Small Groups of Worker Honey Bees. <i>Insects</i> , 2020, 11, 464.	1.0	4
208	Dominance Hierarchy, Ovarian Activity and Cuticular Hydrocarbons in the Primitively Eusocial Wasp <i>Mischocyttarus cerberus</i> (Vespidae, Polistinae, Mischocyttarini). <i>Journal of Chemical Ecology</i> , 2020, 46, 835-844.	0.9	11
209	Honey bee aggression: evaluating causal links to disease-resistance traits and infection. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	0.6	6
210	Pair formation in insect swarms driven by adaptive long-range interactions. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200367.	1.5	2
211	Parallel Mechanism Composed of Abdominal Cuticles and Muscles Simulates the Complex and Diverse Movements of Honey Bee ( <i>Apis mellifera</i> L.) Abdomen. <i>Journal of Insect Science</i> , 2020, 20, .	0.6	5
212	Configural perception of a binary olfactory mixture in honey bees as in humans, rodents and newborn rabbits. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	6
213	Effects of Synthetic Acaricides and <i>Nosema ceranae</i> (Microsporidia: Nosematidae) on Molecules Associated with Chemical Communication and Recognition in Honey Bees. <i>Veterinary Sciences</i> , 2020, 7, 199.	0.6	8
214	CYP6AS8, a cytochrome P450, is associated with the 10-HDA biosynthesis in honey bee ( <i>Apis mellifera</i> ) workers. <i>Apidologie</i> , 2020, 51, 1202-1212.	0.9	5
215	What Can Mechanisms Underlying Derived Traits Tell Us About the Evolution of Social Behavior?. <i>Annals of the Entomological Society of America</i> , 2021, 114, 547-561.	1.3	10
216	Abdominal contact of fluvalinate induces olfactory deficit in <i>Apis mellifera</i> . <i>Pesticide Biochemistry and Physiology</i> , 2020, 164, 221-227.	1.6	13
217	Age-dependent release of and response to alarm pheromone in a ponerine ant. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	7
218	Flubendiamide, the first phthalic acid diamide insecticide, impairs neuronal calcium signalling in the honey bee's antennae. <i>Journal of Insect Physiology</i> , 2020, 125, 104086.	0.9	12
219	Queen honey bee ( <i>Apis mellifera</i> ) pheromone and reproductive behavior are affected by pesticide exposure during development. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	0.6	28
220	Forager age and foraging state, but not cumulative foraging activity, affect biogenic amine receptor gene expression in the honeybee mushroom bodies. <i>Genes, Brain and Behavior</i> , 2021, 20, e12722.	1.1	9
221	Brood, <i>Social Insects</i> , 2021, , 136-143.		0
222	Chemical detection triggers honey bee defense against a destructive parasitic threat. <i>Nature Chemical Biology</i> , 2021, 17, 524-530.	3.9	17
223	Olfactory coding in honeybees. <i>Cell and Tissue Research</i> , 2021, 383, 35-58.	1.5	44

#	ARTICLE	IF	CITATIONS
224	The neuroethology of olfactory sex communication in the honeybee <i>Apis mellifera</i> L.. <i>Cell and Tissue Research</i> , 2021, 383, 177-194.	1.5	7
225	Possible interference of <i>Bacillus thuringiensis</i> in the survival and behavior of Africanized honey bees ( <i>Apis mellifera</i> ). <i>Scientific Reports</i> , 2021, 11, 3482.	1.6	12
226	Dufour's gland analysis reveals caste and physiology specific signals in <i>Bombus impatiens</i> . <i>Scientific Reports</i> , 2021, 11, 2821.	1.6	8
227	Hierarchical Approach for Comparing Collective Behavior Across Scales: Cellular Systems to Honey Bee Colonies. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	8
228	Changes in chemical cues of <i>Melissococcus plutonius</i> infected honey bee larvae. <i>Chemoecology</i> , 2021, 31, 189-200.	0.6	9
229	Study on Specific <i>Apis cerana</i> Honeybee Queen Pheromone Biosensor Based on Pheromone-Binding Protein ASP1. <i>IEEE Sensors Journal</i> , 2021, 21, 8855-8860.	2.4	3
230	Effects of juvenile hormone in fertility and fertility-signaling in workers of the common wasp <i>Vespa vulgaris</i> . <i>PLoS ONE</i> , 2021, 16, e0250720.	1.1	14
231	The impact of caging the queens during the flow season on some biological activities of honeybee colonies. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2975-2979.	1.8	3
233	A small number of male-biased candidate pheromone receptors are expressed in large subsets of the olfactory sensory neurons in the antennae of drones from the European honey bee <i>Apis mellifera</i> . <i>Insect Science</i> , 2022, 29, 749-766.	1.5	5
234	Phased contests allow rapid hierarchy formation in paired bumble bee workers. <i>Animal Behaviour</i> , 2021, 179, 125-138.	0.8	2
235	Non-targeted lipidomics and transcriptomics analysis reveal the molecular underpinnings of mandibular gland development in <i>Apis mellifera ligustica</i> . <i>Developmental Biology</i> , 2021, 479, 23-36.	0.9	6
237	The Biology of the Cape Honey Bee, <i>Apis mellifera capensis</i> (Hymenoptera: Apidae): A Review of Thelytoky and Its Influence on Social Parasitism and Worker Reproduction. <i>Annals of the Entomological Society of America</i> , 2021, 114, 219-228.	1.3	6
238	Community-wide integration of floral colour and scent in a Mediterranean scrubland. <i>Nature Ecology and Evolution</i> , 2017, 1, 1502-1510.	3.4	108
239	Identification of a queen pheromone mediating the rearing of adult sexuals in the pharaoh ant <i>Monomorium pharaonis</i> . <i>Biology Letters</i> , 2020, 16, 20200348.	1.0	11
241	The cues of colony size: how honey bees sense that their colony is large enough to begin to invest in reproduction. <i>Journal of Experimental Biology</i> , 2017, 220, 1597-1605.	0.8	28
242	The Odorant-Binding Protein Gene <i>obp11</i> Shows Different Spatiotemporal Roles in the Olfactory System of <i>Apis mellifera ligustica</i> and <i>Apis cerana cerana</i> . <i>Sociobiology</i> , 2014, 60, 429-435.	0.2	15
243	Effects of Insemination Quantity on Honey Bee Queen Physiology. <i>PLoS ONE</i> , 2007, 2, e980.	1.1	95
244	Self Assessment in Insects: Honeybee Queens Know Their Own Strength. <i>PLoS ONE</i> , 2008, 3, e1412.	1.1	25

#	ARTICLE	IF	CITATIONS
245	E- $\beta$ -Ocimene, a Volatile Brood Pheromone Involved in Social Regulation in the Honey Bee Colony ( <i>Apis mellifera</i> ) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	111
246	Pyrethroids Differentially Alter Voltage-Gated Sodium Channels from the Honeybee Central Olfactory Neurons. <i>PLoS ONE</i> , 2014, 9, e112194.	1.1	19
247	Juvenile Hormone Enhances Aversive Learning Performance in 2-Day Old Worker Honey Bees while Reducing Their Attraction to Queen Mandibular Pheromone. <i>PLoS ONE</i> , 2014, 9, e112740.	1.1	13
248	Social Modulation of Stress Reactivity and Learning in Young Worker Honey Bees. <i>PLoS ONE</i> , 2014, 9, e113630.	1.1	6
249	Olfactory Attraction of the Hornet <i>Vespa velutina</i> to Honeybee Colony Odors and Pheromones. <i>PLoS ONE</i> , 2014, 9, e115943.	1.1	41
250	Influence of Different Statuses of Honey Bee Queens, <i>Apis mellifera</i> L. on the Ultrastructure of the Flagella on (3-Day Old) Workers. <i>The Open Entomology Journal</i> , 2014, 8, 22-36.	0.5	5
251	The Social Life of Honey Bees. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2021, 37, 387-400.	0.5	3
253	Pheromones. , 2013, , 215-248.		0
254	“Quorum Sensing” in Honeybees: Pheromone Regulation of Division of Labor. , 0, , 463-468.		0
255	Age components of queen retinue workers in honeybee colony ( <i>Apis mellifera</i> ). <i>Sociobiology</i> , 2016, 63, 848.	0.2	2
257	Brood. , 2019, , 1-7.		0
260	Study the effect of pheromones on gene expression in the brain of the honeybee <i>Apis mellifera</i> . <i>Journal of Bioscience and Applied Research</i> , 2019, 5, 390-398.	0.1	0
262	Investigating Genetic and Phenotypic Variability of Queen Bees: Morphological and Reproductive Traits. <i>Animals</i> , 2021, 11, 3054.	1.0	10
264	The effect of a lack of uncapped brood on social interactions between honey bee workers and the queen. <i>Apidologie</i> , 0, , 1.	0.9	0
265	Androgen plays an important role in regulating the synthesis of pheromone in the scent gland of muskrat. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 217, 106026.	1.2	7
266	Comparative Social Behavior. , 2022, , 489-530.		0
267	Honeybee queen mandibular pheromone fails to regulate ovary activation in the common wasp. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2022, 208, 297-302.	0.7	3
268	Sex-Specific Regulatory Systems for Dopamine Production in the Honey Bee. <i>Insects</i> , 2022, 13, 128.	1.0	9



#	ARTICLE	IF	CITATIONS
269	Impact of Chronic Exposure to Two Neonicotinoids on Honey Bee Antennal Responses to Flower Volatiles and Pheromonal Compounds. <i>Frontiers in Insect Science</i> , 2022, 2, .	0.9	3
272	Morphology of Nasonov and Tergal Glands in <i>Apis mellifera</i> Rebels. <i>Insects</i> , 2022, 13, 401.	1.0	0
273	Olfactory Strategies in the Defensive Behaviour of Insects. <i>Insects</i> , 2022, 13, 470.	1.0	14
275	The effect of nutritional status on the synthesis ability, protein content and gene expression of mandibular glands in honey bee ( <i>Apis mellifera</i> ) workers. <i>Journal of Apicultural Research</i> , 0, , 1-10.	0.7	2
276	Deconstructing and contextualizing foraging behavior in bumble bees and other central place foragers. <i>Apidologie</i> , 2022, 53, .	0.9	5
277	Antenna movements as a function of odorants' biological value in honeybees ( <i>Apis mellifera</i> L.). <i>Scientific Reports</i> , 2022, 12, .	1.6	6
279	Differences in ASP1 expression and binding dynamics to queen mandibular pheromone HOB between <i>Apis mellifera</i> and <i>Apis cerana</i> workers reveal olfactory adaptation to colony organization. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 583-591.	3.6	3
280	The Antennal Sensilla and Expression Patterns of Olfactory Genes in the Lower Termite <i>Reticulitermes aculabialis</i> (Isoptera: Rhinotermitidae). <i>Journal of Insect Science</i> , 2022, 22, .	0.6	5
281	Communication systems. , 2023, , 607-653.		0
282	Diet and pheromones interact to shape honey bee ( <i>Apis mellifera</i> ) worker physiology. <i>Journal of Insect Physiology</i> , 2022, 143, 104442.	0.9	4
284	Intergenerational genotypic interactions drive collective behavioural cycles in a social insect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	4
285	Mating and Reproduction in Queen Honey Bee. , 2023, , 232-246.		0
286	Differential Pheromone Secretion By Female Castes In <i>Apis mellifera</i> (Hymenoptera: Apidae). , 2023, , 111-137.		0
287	Mandibular Pheromone Types, Functions, Synthesis, And Associated Genetic Elements In The Queen Honey Bee, <i>Apis mellifera</i> . , 2023, , 138-162.		0
288	Influence of Queen Pheromones on Worker Ovarian PCD in <i>Apis mellifera</i> (Hymenoptera: Apidae). , 2023, , 175-196.		0
289	The Queen Honey Bee Duties in the Composite Colonies. , 2023, , 35-56.		0
290	Retinue Behaviour of Worker Honey Bees. , 2023, , 163-174.		0
291	Swarming and Queen Honey Bee. , 2023, , 247-273.		0



#	ARTICLE	IF	CITATIONS
292	The Queen Honey Bee: Introduction, Development, Pheromones, Mating, and Role in the Colony. , 2023, , 1-34.		0
293	Caracterizaci3n morfol3gica de abejas y zánganos (Hymenoptera: Apidae) en una nueva zona de congregaci3n en Boyacá, Colombia. Temas Agrarios, 2022, 27, 331-343.	0.0	0
294	Use of Gas Chromatography and SPME Extraction for the Differentiation between Healthy and Paenibacillus larvae Infected Colonies of Bee Broodâ€”Preliminary Research. Agriculture (Switzerland), 2023, 13, 487.	1.4	1
295	Detailed chemical analysis of honey bee (Apis mellifera) worker brood volatile profile from egg to emergence. PLoS ONE, 2023, 18, e0282120.	1.1	4
296	The neuroecology of olfaction in bees. Current Opinion in Insect Science, 2023, 56, 101018.	2.2	2
303	Functional properties of ant queen pheromones as revealed by behavioral experiments. Behavioral Ecology and Sociobiology, 2023, 77, .	0.6	0
310	Honey bee adaptations for foraging. , 2024, , 45-64.		0