

Abraham Hefetz

List of Publications by Year in descending order

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142
papers

5,882
citations

81900

39
h-index

98798

67
g-index

146
all docs

146
docs citations

146
times ranked

3594
citing authors

#	ARTICLE	IF	CITATIONS
1	A Gland of Many Uses: a Diversity of Compounds in the Labial Glands of the Bumble Bee <i>Bombus impatiens</i> Suggests Multiple Signaling Functions. <i>Journal of Chemical Ecology</i> , 2022, 48, 270-282.	1.8	2
2	Effects of the Argentine ant venom on terrestrial amphibians. <i>Conservation Biology</i> , 2021, 35, 216-226.	4.7	12
3	Dufour's gland analysis reveals caste and physiology specific signals in <i>Bombus impatiens</i> . <i>Scientific Reports</i> , 2021, 11, 2821.	3.3	8
4	Evidence That Artificial Light at Night Induces Structure-Specific Changes in Brain Plasticity in a Diurnal Bird. <i>Biomolecules</i> , 2021, 11, 1069.	4.0	11
5	The Exocrine Chemistry of the Parasitic Wasp <i>Sphecophaga orientalis</i> and Its Host <i>Vespa orientalis</i> : A Case of Chemical Deception?. <i>Insects</i> , 2021, 12, 2.	2.2	1
6	Worker demography and behavior in a supercolonial ant colony: The case of the desert ant <i>Cataglyphis niger</i> . <i>Ethology</i> , 2020, 126, 59-67.	1.1	3
7	Evaluating the Effect of Honey Bee (<i>Apis mellifera</i>) Queen Reproductive State on Pheromone-Mediated Interactions with Male Drone Bees. <i>Journal of Chemical Ecology</i> , 2019, 45, 588-597.	1.8	2
8	The Interplay between Incipient Species and Social Polymorphism in the Desert Ant <i>Cataglyphis</i> . <i>Scientific Reports</i> , 2019, 9, 9495.	3.3	11
9	The critical role of primer pheromones in maintaining insect sociality. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019, 74, 221-231.	1.4	13
10	Coordinated change at the colony level in fruit bat fur microbiomes through time. <i>Nature Ecology and Evolution</i> , 2019, 3, 116-124.	7.8	51
11	The cuticular hydrocarbon profiles of honey bee workers develop via a socially-modulated innate process. <i>ELife</i> , 2019, 8, .	6.0	21
12	Origin and distribution of desert ants across the Gibraltar Straits. <i>Molecular Phylogenetics and Evolution</i> , 2018, 118, 122-134.	2.7	9
13	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.	1.8	23
14	Determining social and population structures requires multiple approaches: A case study of the desert ant <i>Cataglyphis israelensis</i> . <i>Ecology and Evolution</i> , 2018, 8, 12365-12374.	1.9	3
15	Within-colony genetic diversity differentially affects foraging, nest maintenance, and aggression in two species of harvester ants. <i>Scientific Reports</i> , 2018, 8, 13868.	3.3	11
16	Cytosuclear incongruences hamper species delimitation in the socially polymorphic desert ants of the <i>Cataglyphis albicans</i> group in Israel. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1828-1842.	1.7	11
17	New chemical data on the ant <i>Myrmecina graminicola</i> (Formicidae, Myrmicinae): Unusual abundance of alkene hydrocarbons and esters. <i>Biochemical Systematics and Ecology</i> , 2018, 80, 39-42.	1.3	1
18	Preface: Pheromone-Mediation of Female Reproduction and Reproductive Dominance in Social Species. <i>Journal of Chemical Ecology</i> , 2018, 44, 747-749.	1.8	2

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19	Ants regulate colony spatial organization using multiple chemical road-signs. <i>Nature Communications</i> , 2017, 8, 15414.	12.8	33
20	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.	7.1	67
21	Do Bumble Bee, <i>Bombus impatiens</i> , Queens Signal their Reproductive and Mating Status to their Workers?. <i>Journal of Chemical Ecology</i> , 2017, 43, 563-572.	1.8	21
22	Social Life in Arid Environments: The Case Study of <i>Cataglyphis</i> Ants. <i>Annual Review of Entomology</i> , 2017, 62, 305-321.	11.8	57
23	Hormonal Regulation of Behavioral and Phenotypic Plasticity in Bumblebees. , 2017, , 453-464.		3
24	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.	2.4	41
25	Murray S. Blum. <i>American Entomologist</i> , 2015, 61, 195-196.	0.2	0
26	The Physiological and Genomic Bases of Bumble Bee Social Behaviour. <i>Advances in Insect Physiology</i> , 2015, 48, 37-93.	2.7	71
27	Queen-produced volatiles change dynamically during reproductive swarming and are associated with changes in honey bee (<i>Apis mellifera</i>) worker behavior. <i>Apidologie</i> , 2015, 46, 679-690.	2.0	5
28	At the brink of supercolony: genetic, behavioral, and chemical assessments of population structure of the desert ant <i>Cataglyphis niger</i> . <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .	2.2	19
29	Precocene-I inhibits juvenile hormone biosynthesis, ovarian activation, aggression and alters sterility signal production in bumble bee (<i>Bombus terrestris</i>) workers. <i>Journal of Experimental Biology</i> , 2014, 217, 3178-85.	1.7	40
30	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.	1.8	20
31	Feminization of pheromone-sensing neurons affects mating decisions in <i>Drosophila</i> males. <i>Biology Open</i> , 2014, 3, 152-160.	1.2	14
32	Distance from the queen affects workers' selfish behaviour in the honeybee (<i>A. mellifera</i>) colony. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1693-1700.	1.4	3
33	Neural Mechanisms and Information Processing in Recognition Systems. <i>Insects</i> , 2014, 5, 722-741.	2.2	32
34	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.	2.7	32
35	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.	1.8	5
36	Exploring the role of juvenile hormone and vitellogenin in reproduction and social behavior in bumble bees. <i>BMC Evolutionary Biology</i> , 2014, 14, 45.	3.2	87

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37	Gonadotropic and Physiological Functions of Juvenile Hormone in Bumblebee (<i>Bombus terrestris</i>) Workers. <i>PLoS ONE</i> , 2014, 9, e100650.	2.5	66
38	A peaceful zone bordering two Argentine ant (<i>Linepithema humile</i>) supercolonies. <i>Chemoecology</i> , 2013, 23, 213-218.	1.1	5
39	Changes in diet, body mass and fatty acid composition during pre-hibernation in a subtropical bat in relation to NPY and AgRP expression. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 157-166.	1.5	37
40	Chemical integration of <i>Thorictus myrmecophilous</i> beetles into <i>Cataglyphis</i> ant nests. <i>Biochemical Systematics and Ecology</i> , 2013, 51, 335-342.	1.3	18
41	Virgin honeybee queens fail to suppress worker fertility but not fertility signalling. <i>Journal of Insect Physiology</i> , 2013, 59, 311-317.	2.0	6
42	Dufour's gland secretion, sterility and foraging behavior: Correlated behavior traits in bumblebee workers. <i>Journal of Insect Physiology</i> , 2013, 59, 1250-1255.	2.0	19
43	Recognition of caste and mating status maintains monogyny in the ant <i>Aphaenogaster senilis</i> . <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1295-1305.	1.4	5
44	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.	2.5	31
45	Chemical Discrimination and Aggressiveness via Cuticular Hydrocarbons in a Supercolony-Forming Ant, <i>Formica yessensis</i> . <i>PLoS ONE</i> , 2012, 7, e46840.	2.5	23
46	Interspecific displacement mechanisms by the invasive little fire ant <i>Wasmannia auropunctata</i> . <i>Biological Invasions</i> , 2012, 14, 851-861.	2.4	20
47	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.	2.0	35
48	The role of tyramine and octopamine in the regulation of reproduction in queenless worker honeybees. <i>Die Naturwissenschaften</i> , 2012, 99, 123-131.	1.6	19
49	The Effect of Group Size on the Interplay between Dominance and Reproduction in <i>Bombus terrestris</i> . <i>PLoS ONE</i> , 2011, 6, e18238.	2.5	57
50	Trail-following behaviour in two <i>Aphaenogaster</i> ants. <i>Chemoecology</i> , 2011, 21, 83-88.	1.1	12
51	The appeasement effect of sterility signaling in dominance contests among <i>Bombus terrestris</i> workers. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1685-1694.	1.4	58
52	Alteration of cuticular hydrocarbon composition affects heterospecific nestmate recognition in the carpenter ant <i>Camponotus fellah</i> . <i>Chemoecology</i> , 2010, 20, 19-24.	1.1	9
53	Regulation of Reproduction in the Primitively Eusocial Wasp <i>Ropalidia marginata</i> : on the Trail of the Queen Pheromone. <i>Journal of Chemical Ecology</i> , 2010, 36, 424-431.	1.8	54
54	Invasion of the dwarf honeybee <i>Apis florea</i> into the near East. <i>Biological Invasions</i> , 2010, 12, 1093-1099.	2.4	29

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55	The little fire ant <i>Wasmannia auropunctata</i> : a new invasive species in the Middle East and its impact on the local arthropod fauna. <i>Biological Invasions</i> , 2010, 12, 1825-1837.	2.4	48
56	Commensal bacteria play a role in mating preference of <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20051-20056.	7.1	752
57	Intraspecific competition affects population size and resource allocation in an ant dispersing by colony fission. <i>Ecology</i> , 2010, 91, 3312-3321.	3.2	28
58	Reproductive competition in the bumble-bee <i>Bombus terrestris</i> : do workers advertise sterility?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1295-1304.	2.6	63
59	Uncoupling fertility from fertility-associated pheromones in worker honeybees (<i>Apis mellifera</i>). <i>Journal of Insect Physiology</i> , 2009, 55, 205-209.	2.0	14
60	The interplay between genetic and environmental effects on colony insularity in the clonal invasive little fire ant <i>Wasmannia auropunctata</i> . <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 1667-1677.	1.4	24
61	The gene road to royalty – differential expression of hydroxylating genes in the mandibular glands of the honeybee. <i>FEBS Journal</i> , 2009, 276, 5481-5490.	4.7	40
62	Kin composition effects on reproductive competition among queenless honeybee workers. <i>Die Naturwissenschaften</i> , 2008, 95, 427-432.	1.6	6
63	Queen regulates biogenic amine level and nestmate recognition in workers of the fire ant, <i>Solenopsis invicta</i> . <i>Die Naturwissenschaften</i> , 2008, 95, 1155-1158.	1.6	45
64	Chemotaxonomy of some <i>Cataglyphis</i> ants from Morocco and Burkina Faso. <i>Biochemical Systematics and Ecology</i> , 2008, 36, 564-572.	1.3	14
65	Nest volatiles as modulators of nestmate recognition in the ant <i>Camponotus fellah</i> . <i>Journal of Insect Physiology</i> , 2008, 54, 378-385.	2.0	15
66	Primer Pheromones in Social Hymenoptera. <i>Annual Review of Entomology</i> , 2008, 53, 523-542.	11.8	358
67	Intraspecific competition in the ant <i>Camponotus cruentatus</i> : should we expect the “dear enemy” effect?. <i>Animal Behaviour</i> , 2007, 74, 985-993.	1.9	45
68	Brain modulation of Dufour’s gland ester biosynthesis in vitro in the honeybee (<i>Apis mellifera</i>). <i>Die Naturwissenschaften</i> , 2007, 94, 407-411.	1.6	10
69	Postmating changes in cuticular chemistry and visual appearance in <i>Ectatomma tuberculatum</i> queens (Formicidae: Ectatomminae). <i>Die Naturwissenschaften</i> , 2007, 95, 55-60.	1.6	24
70	Production of sexuals in a fission-performing ant: dual effects of queen pheromones and colony size. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1531-1541.	1.4	52
71	The origin of the chemical profiles of fungal symbionts and their significance for nestmate recognition in <i>Acromyrmex</i> leaf-cutting ants. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1637-1649.	1.4	43
72	Reproductive plasticity in bumblebee workers (<i>Bombus terrestris</i>) – reversion from fertility to sterility under queen influence. <i>Behavioral Ecology and Sociobiology</i> , 2007, 62, 213-222.	1.4	32

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73	Social discrimination tuning in ants: template formation and chemical similarity. <i>Behavioral Ecology and Sociobiology</i> , 2006, 59, 353-363.	1.4	50
74	Regulation of worker reproduction in bumblebees (<i>Bombus terrestris</i>): workers eavesdrop on a queen signal. <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 439-446.	1.4	41
75	Reversible royalty in worker honeybees (<i>Apis mellifera</i>) under the queen influence. <i>Behavioral Ecology and Sociobiology</i> , 2006, 61, 465-473.	1.4	38
76	Co-evolution-driven cuticular hydrocarbon variation between the slave-making ant <i>Rossomyrmex minuchae</i> and its host <i>Proformica longisetata</i> (Hymenoptera: Formicidae). <i>Chemoecology</i> , 2006, 16, 235-240.	1.1	20
77	Alkaloids in the venom of Messor ants. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 199-204.	1.3	6
78	Plasticity of worker reproductive strategies in <i>Bombus terrestris</i> : lessons from artificial mixed-species colonies. <i>Animal Behaviour</i> , 2006, 72, 1417-1425.	1.9	4
79	Dufour's gland secretion as a repellent used during usurpation by the slave-maker ant <i>Rossomyrmex minuchae</i> . <i>Journal of Insect Physiology</i> , 2005, 51, 1158-1164.	2.0	25
80	Dufour's gland pheromone as a reliable fertility signal among honeybee (<i>Apis mellifera</i>) workers. <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 270-276.	1.4	43
81	Intercontinental chemical variation in the invasive ant <i>Wasmannia auropunctata</i> (Roger) (Hymenoptera Formicidae): a key to the invasive success of a tramp species. <i>Die Naturwissenschaften</i> , 2005, 92, 319-323.	1.6	49
82	In-nest environment modulates nestmate recognition in the ant <i>Camponotus fellah</i> . <i>Die Naturwissenschaften</i> , 2004, 91, 186-190.	1.6	19
83	Does the queen win it all? Queen-worker conflict over male production in the bumblebee, <i>Bombus terrestris</i> . <i>Die Naturwissenschaften</i> , 2004, 91, 400-3.	1.6	48
84	Food influence on colonial recognition and chemical signature between nestmates in the fungus-growing ant <i>Acromyrmex subterraneus subterraneus</i> . <i>Chemoecology</i> , 2004, 14, 9-16.	1.1	46
85	Ultrastructural and chemical characterization of egg surface of honeybee worker and queen-laid eggs. <i>Chemoecology</i> , 2003, 13, 129-134.	1.1	33
86	The comparative exocrine chemistry of nine Old World species of Messor (Formicidae: Myrmicinae). <i>Biochemical Systematics and Ecology</i> , 2003, 31, 367-373.	1.3	12
87	Colony insularity through queen control on worker social motivation in ants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 971-977.	2.6	33
88	NOTE: FINE STRUCTURE OF THE SECRETORY TUBULES OF THE VENOM GLAND IN THE EUMENID WASP <i>RHYNCHIUM CYANOPTERUM</i> . <i>Israel Journal of Zoology</i> , 2002, 48, 83-86.	0.2	0
89	Honeybees Dufour's gland - idiosyncrasy of a new queen signal. <i>Apidologie</i> , 2002, 33, 525-537.	2.0	38
90	Mimicry of queen Dufour's gland secretions by workers of <i>Apis mellifera scutellata</i> and <i>A. m. capensis</i> . <i>Die Naturwissenschaften</i> , 2002, 89, 561-564.	1.6	28

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91	Evolution of worker sterility in honey bees: egg-laying workers express queen-like secretion in Dufour's gland. Behavioral Ecology and Sociobiology, 2002, 51, 588-589.	1.4	23
92	Trail pheromone of ponerine ant <i>Gnamptogenys striatula</i> : 4-methylgeranyl esters from Dufour's gland. Journal of Chemical Ecology, 2002, 28, 2557-2567.	1.8	30
93	Identification of new homoterpene esters from Dufour's gland of the ponerine ant <i>Gnamptogenys striatula</i> . Journal of Chemical Ecology, 2002, 28, 2541-2555.	1.8	10
94	Comparative dynamics of gestalt odour formation in two ant species <i>Camponotus fellah</i> and <i>Aphaenogaster senilis</i> (Hymenoptera: Formicidae). Physiological Entomology, 2001, 26, 275-283.	1.5	54
95	The front basitarsal brush in <i>Pachycondyla apicalis</i> and its role in hydrocarbon circulation. Chemoecology, 2001, 11, 17-24.	1.1	28
96	Dufour's gland secretion of the queen honeybee (<i>Apis mellifera</i>): an egg discriminator pheromone or a queen signal?. Behavioral Ecology and Sociobiology, 2001, 51, 76-86.	1.4	72
97	Are queen <i>Bombus terrestris</i> giant workers or are workers dwarf queens? Solving the 'chicken and egg' problem in a bumblebee species. Die Naturwissenschaften, 2001, 88, 85-87.	1.6	22
98	Task-related chemical analysis of labial gland volatile secretion in worker honeybees (<i>Apis mellifera</i>)	1.8	20
99	Segregation of colony odor in the desert ant <i>Cataglyphis niger</i> . Journal of Chemical Ecology, 2001, 27, 927-943.	1.8	43
100	Caste-specific differences in ecdysteroid titers in early larval stages of the bumblebee <i>Bombus terrestris</i> . Journal of Insect Physiology, 2000, 46, 1433-1439.	2.0	27
101	Juvenile hormone titers, juvenile hormone biosynthesis, ovarian development and social environment in <i>Bombus terrestris</i> . Journal of Insect Physiology, 2000, 46, 47-57.	2.0	133
102	Plasticity in caste-related exocrine secretion biosynthesis in the honey bee (<i>Apis mellifera</i>). Journal of Insect Physiology, 2000, 46, 993-998.	2.0	33
103	Ecdysteroid titer, ovary status, and dominance in adult worker and queen bumble bees (<i>Bombus</i>)	2.0	69
104	Hydrocarbon site of synthesis and circulation in the desert ant <i>Cataglyphis niger</i> . Journal of Insect Physiology, 2000, 46, 1097-1102.	2.0	55
105	<i>Camponotus fellah</i> colony integration: worker individuality necessitates frequent hydrocarbon exchanges. Animal Behaviour, 2000, 59, 1127-1133.	1.9	125
106	The critical period for caste determination in <i>Bombus terrestris</i> and its juvenile hormone correlates. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2000, 186, 1089-1094.	1.6	57
107	Sneak in or repel your enemy: Dufour's gland repellent as a strategy for successful usurpation in the slave-maker <i>Polyergus rufescens</i> . Chemoecology, 2000, 10, 135-142.	1.1	67
108	Individuality and colonial identity in ants: the emergence of the social representation concept. , 1999, , 219-237.		141

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109	Reevaluation of the Role of Mandibular Glands in Regulation of Reproduction in Bumblebee Colonies. <i>Journal of Chemical Ecology</i> , 1999, 25, 881-896.	1.8	49
110	Title is missing!. <i>Journal of Insect Behavior</i> , 1999, 12, 559-567.	0.7	47
111	Regulation of reproduction by dominant workers in bumblebee (<i>Bombus terrestris</i>) queenright colonies. <i>Behavioral Ecology and Sociobiology</i> , 1999, 45, 125-135.	1.4	102
112	Direct Behavioral Evidence for Hydrocarbons as Ant Recognition Discriminators. <i>Die Naturwissenschaften</i> , 1999, 86, 246-249.	1.6	292
113	Formation of Colony Odor in Ponerine Ant <i>Pachycondyla apicalis</i> . <i>Journal of Chemical Ecology</i> , 1998, 24, 1077-1090.	1.8	59
114	Nestmate recognition in the ant <i>Cataglyphis niger</i> : do queens matter?. <i>Behavioral Ecology and Sociobiology</i> , 1998, 43, 203-212.	1.4	43
115	Caste Determination in <i>Bombus terrestris</i> : Differences in Development and Rates of JH Biosynthesis between Queen and Worker Larvae. <i>Journal of Insect Physiology</i> , 1997, 43, 373-381.	2.0	58
116	The biosynthesis of Dufour's gland constituents in queens of the honeybee (<i>Apis mellifera</i>). <i>Invertebrate Neuroscience</i> , 1997, 3, 239-243.	1.8	41
117	Effects of social conditions on Juvenile Hormone mediated reproductive development in <i>Bombus terrestris</i> workers. <i>Physiological Entomology</i> , 1996, 21, 257-267.	1.5	79
118	Social closure, aggressive behavior, and cuticular hydrocarbon profiles in the polydomous ant <i>Cataglyphis iberica</i> (hymenoptera, Formicidae). <i>Journal of Chemical Ecology</i> , 1996, 22, 2173-2186.	1.8	50
119	Chemistry of the postpharyngeal gland secretion and its implication for the phylogeny of Iberian <i>Cataglyphis</i> species (Hymenoptera: Formicidae). <i>Chemoecology</i> , 1996, 7, 163-171.	1.1	28
120	Postpharyngeal gland secretion as a modifier of aggressive behavior in the myrmicine ant <i>Manica rubida</i> . <i>Journal of Insect Behavior</i> , 1996, 9, 709-717.	0.7	47
121	The Exocrinology of the Queen Bumble Bee <i>Bombus terrestris</i> (Hymenoptera: Apidae, Bombini). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1996, 51, 409-422.	1.4	39
122	Hydrocarbon dynamics within and between nestmates in <i>Cataglyphis niger</i> (Hymenoptera: Formicidae). <i>Journal of Chemical Ecology</i> , 1995, 21, 365-378.	1.8	145
123	Hymenopteran exocrine secretions as a tool for chemosystematic analysis: Possibilities and constraints. <i>Biochemical Systematics and Ecology</i> , 1993, 21, 163-169.	1.3	8
124	Dufour's Gland Composition in the Desert Ant <i>Cataglyphis</i> : Species Specificity and Population Differences. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1992, 47, 285-289.	1.4	10
125	Individual scent marking of the nest entrance as a mechanism for nest recognition in <i>Xylocopa pubescens</i> (Hymenoptera: Anthophoridae). <i>Journal of Insect Behavior</i> , 1992, 5, 763-772.	0.7	25
126	Arrestment responses of <i>Eretmocerus</i> species and <i>Encarsia deserti</i> (Hymenoptera: Aphelinidae) to <i>Bemisia tabaci</i> honeydew. <i>Journal of Insect Behavior</i> , 1992, 5, 517-526.	0.7	19

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127	Individual Badges and Specific Messages in Multicomponent Pheromones of Bees. <i>Entomologia Generalis</i> , 1990, 15, 103-113.	3.1	12
128	Ontogenetic Patterns in Amounts and Proportions of Dufour's Gland Volatile Secretions in Virgin and Nesting Queens of <i>Lasioglossum malachurum</i> (Hymenoptera: Halictidae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1990, 45, 709-714.	1.4	21
129	The significance of multicomponent pheromones in denoting specific compositions. <i>Biochemical Systematics and Ecology</i> , 1988, 16, 557-566.	1.3	9
130	The role of Dufour's gland secretions in bees. <i>Physiological Entomology</i> , 1987, 12, 243-253.	1.5	72
131	Species, individual and kin specific blends in Dufour's gland secretions of halictine bees. <i>Journal of Chemical Ecology</i> , 1986, 12, 197-208.	1.8	39
132	Structural and communicative functions of Dufour's gland secretion in <i>Eucera palestinae</i> (Hymenoptera; Anthophoridae). <i>Insect Biochemistry</i> , 1985, 15, 635-638.	1.8	31
133	Mandibular Gland Secretions as Alarm Pheromones in Two Species of the Desert Ant <i>Cataglyphis</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1985, 40, 665-666.	1.4	10
134	Role of labial glands in nesting behaviour of <i>Chalicodoma sicula</i> (Hymenoptera; Megachilidae). <i>Physiological Entomology</i> , 1984, 9, 175-179.	1.5	17
135	Sex specificity in the anal gland secretion of the Egyptian mongoose <i>Herpestes ichneumon</i> . <i>Journal of Zoology</i> , 1984, 203, 205-209.	1.7	14
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142	The payoffs and tradeoffs of hygienic behavior: a five year field study on a local population of honey bees. <i>Journal of Apicultural Research</i> , 0, , 1-10.	1.5	1