Abraham Hefetz

List of Publications by Citations

140 papers	4,762 citations	37 h-index	62 g-index
146 ext. papers	5,342 ext. citations	3.1 avg, IF	5.5 L-index

#	Paper	IF	Citations
140	Commensal bacteria play a role in mating preference of Drosophila melanogaster. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 20051-6	11.5	563
139	Primer pheromones in social hymenoptera. *Annual Review of Entomology*, **2008**, 53, 523-42	21.8	300
138	Direct Behavioral Evidence for Hydrocarbons as Ant Recognition Discriminators. *Die Naturwissenschaften*, **1999**, 86, 246-249	2	267
137	Hydrocarbon dynamics within and between nestmates inCataglyphis niger (Hymenoptera: Formicidae). *Journal of Chemical Ecology*, **1995**, 21, 365-78	2.7	131
136	Camponotus fellah colony integration: worker individuality necessitates frequent hydrocarbon exchanges. *Animal Behaviour*, **2000**, 59, 1127-1133	2.8	121
135	Juvenile hormone titers, juvenile hormone biosynthesis, ovarian development and social environment in Bombus terrestris. *Journal of Insect Physiology*, **2000**, 46, 47-57	2.4	115
134	Individuality and colonial identity in ants: the emergence of the social representation concept **1999**, 219-237		107
133	Regulation of reproduction by dominant workers in bumblebee (Bombus terrestris) queenright colonies. *Behavioral Ecology and Sociobiology*, **1999**, 45, 125-135	2.5	87
132	Exploring the role of juvenile hormone and vitellogenin in reproduction and social behavior in bumble bees. *BMC Evolutionary Biology*, **2014**, 14, 45	3	66
131	Dufour's gland secretion of the queen honeybee (Apis mellifera): an egg discriminator pheromone or a queen signal?. *Behavioral Ecology and Sociobiology*, **2001**, 51, 76-86	2.5	66
130	Effects of social conditions on Juvenile Hormone mediated reproductive development in Bombus terrestris workers. *Physiological Entomology*, **1996**, 21, 257-267	1.9	66
129	Ecdysteroid titer, ovary status, and dominance in adult worker and queen bumble bees (Bombus terrestris). *Journal of Insect Physiology*, **2000**, 46, 1033-1040	2.4	64
128	The role of Dufour's gland secretions in bees. *Physiological Entomology*, **1987**, 12, 243-253	1.9	57
127	Reproductive competition in the bumble-bee Bombus terrestris: do workers advertise sterility?. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 1295-304	4.4	52
126	Sneak in or repel your enemy: Dufour's gland repellent as a strategy for successful usurpation in the slave-maker Polyergus rufescens. *Chemoecology*, **2000**, 10, 135-142	2	52
125	The Physiological and Genomic Bases of Bumble Bee Social Behaviour. *Advances in Insect Physiology* , **2015**, 48, 37-93	2.5	49
124	Caste Determination in Bombus terrestris: Differences in Development and Rates of JH Biosynthesis between Queen and Worker Larvae. *Journal of Insect Physiology*, **1997**, 43, 373-381	2.4	49

123	Gonadotropic and physiological functions of juvenile hormone in Bumblebee (Bombus terrestris) workers. *PLoS ONE*, **2014**, 9, e100650	3.7	48
122	Production of sexuals in a fission-performing ant: dual effects of queen pheromones and colony size. *Behavioral Ecology and Sociobiology*, **2007**, 61, 1531-1541	2.5	47
121	Social discrimination tuning in ants: template formation and chemical similarity. *Behavioral Ecology and Sociobiology*, **2006**, 59, 353-363	2.5	47
120	Hydrocarbon site of synthesis and circulation in the desert ant Cataglyphis niger. *Journal of Insect Physiology*, **2000**, 46, 1097-1102	2.4	46
119	The appeasement effect of sterility signaling in dominance contests among Bombus terrestris workers. *Behavioral Ecology and Sociobiology*, **2010**, 64, 1685-1694	2.5	45
118	Intercontinental chemical variation in the invasive ant Wasmannia auropunctata (Roger) (Hymenoptera Formicidae): a key to the invasive success of a tramp species. *Die Naturwissenschaften*, **2005**, 92, 319-23	2	45
117	The effect of group size on the interplay between dominance and reproduction in Bombus terrestris. *PLoS ONE*, **2011**, 6, e18238	3.7	44
116	Comparative dynamics of gestalt odour formation in two ant species Camponotus fellah and Aphaenogaster senilis (Hymenoptera: Formicidae). *Physiological Entomology*, **2001**, 26, 275-283	1.9	44
115	Reevaluation of the Role of Mandibular Glands in Regulation of Reproduction in Bumblebee Colonies. *Journal of Chemical Ecology*, **1999**, 25, 881-896	2.7	44
114	Social closure, aggressive behavior, and cuticular hydrocarbon profiles in the polydomous antCataglyphis iberica (hymenoptera, Formicidae). *Journal of Chemical Ecology*, **1996**, 22, 2173-86	2.7	44
113	Queen regulates biogenic amine level and nestmate recognition in workers of the fire ant, Solenopsis invicta. *Die Naturwissenschaften*, **2008**, 95, 1155-8	2	43
112	The critical period for caste determination in Bombus terrestris and its juvenile hormone correlates. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, **2000**, 186, 1089-94	2.3	42
111	Postpharyngeal gland secretion as a modifier of aggressive behavior in the myrmicine antManica rubida. *Journal of Insect Behavior*, **1996**, 9, 709-717	1.1	42
110	Formation of Colony Odor in Ponerine Ant Pachycondyla apicalis. *Journal of Chemical Ecology*, **1998**, 24, 1077-1090	2.7	41
109	Does the queen win it all? Queen-worker conflict over male production in the bumblebee, Bombus terrestris. *Die Naturwissenschaften*, **2004**, 91, 400-3	2	41
108	Regulation of reproduction in the primitively eusocial wasp Ropalidia marginata: on the trail of the queen pheromone. *Journal of Chemical Ecology*, **2010**, 36, 424-31	2.7	40
107	Food influence on colonial recognition and chemical signature between nestmates in the fungus-growing ant Acromyrmex subterraneus subterraneus. *Chemoecology*, **2004**, 14, 9-16	2	40
106	Solitary bees reduce investment in communication compared with their social relatives. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 6569-6574	11.5	38

105	Intraspecific competition in the ant Camponotus cruentatus: should we expect the "dear enemy" effect?. *Animal Behaviour*, **2007**, 74, 985-993	2.8	38
104	Social Life in Arid Environments: The Case Study of Cataglyphis Ants. *Annual Review of Entomology*, **2017**, 62, 305-321	21.8	37
103	The biosynthesis of Dufour's gland constituents in queens of the honeybee (Apis mellifera). *Invertebrate Neuroscience*, **1997**, 3, 239-243	1.2	37
102	Nestmate recognition in the ant Cataglyphis niger : do queens matter?. *Behavioral Ecology and Sociobiology*, **1998**, 43, 203-212	2.5	37
101	The origin of the chemical profiles of fungal symbionts and their significance for nestmate recognition in Acromyrmex leaf-cutting ants. *Behavioral Ecology and Sociobiology*, **2007**, 61, 1637-1649	2.5	37
100	Dufour's gland pheromone as a reliable fertility signal among honeybee (Apis mellifera) workers. *Behavioral Ecology and Sociobiology*, **2005**, 58, 270-276	2.5	37
99	Reversible royalty in worker honeybees (Apis mellifera) under the queen influence. *Behavioral Ecology and Sociobiology*, **2006**, 61, 465-473	2.5	36
98	Segregation of colony odor in the desert ant Cataglyphis niger. *Journal of Chemical Ecology*, **2001**, 27, 927-43	2.7	36
97	Trophallaxis Mediates Uniformity of Colony Odor in Cataglyphis iberica Ants (Hymenoptera, Formicidae). *Journal of Insect Behavior*, **1999**, 12, 559-567	1.1	36
96	Species, individual and kin specific blends in Dufour's gland secretions of halictine bees : Chemical evidence. *Journal of Chemical Ecology*, **1986**, 12, 197-208	2.7	36
95	Honeybees Dufour's gland - idiosyncrasy of a new queen signal. *Apidologie*, **2002**, 33, 525-537	2.3	35
94	The gene road to royalty--differential expression of hydroxylating genes in the mandibular glands of the honeybee. *FEBS Journal*, **2009**, 276, 5481-90	5.7	34
93	Chemical communication is not sufficient to explain reproductive inhibition in the bumblebee. *Royal Society Open Science*, **2016**, 3, 160576	3.3	33
92	Regulation of worker reproduction in bumblebees (Bombus terrestris): workers eavesdrop on a queen signal. *Behavioral Ecology and Sociobiology*, **2006**, 60, 439-446	2.5	32
91	The little fire ant Wasmannia auropunctata: a new invasive species in the Middle East and its impact on the local arthropod fauna. *Biological Invasions*, **2010**, 12, 1825-1837	2.7	31
90	Plasticity in caste-related exocrine secretion biosynthesis in the honey bee (Apis mellifera). *Journal of Insect Physiology*, **2000**, 46, 993-998	2.4	31
89	Genomic analysis of the interactions between social environment and social communication systems in honey bees (Apis mellifera). *Insect Biochemistry and Molecular Biology*, **2014**, 47, 36-45	4.5	30
88	Changes in diet, body mass and fatty acid composition during pre-hibernation in a subtropical bat in relation to NPY and AgRP expression. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2013**, 183, 157-66	2.2	29

87	Precocene-I inhibits juvenile hormone biosynthesis, ovarian activation, aggression and alters sterility signal production in bumble bee (Bombus terrestris) workers. *Journal of Experimental Biology*, **2014**, 217, 3178-85	3	29
86	Chemical profiles of two pheromone glands are differentially regulated by distinct mating factors in honey bee queens (Apis mellifera L.). *PLoS ONE*, **2013**, 8, e78637	3.7	29
85	Colony insularity through queen control on worker social motivation in ants. *Proceedings of the Royal Society B: Biological Sciences*, **2003**, 270, 971-7	4.4	29
84	Ultrastructural and chemical characterization of egg surface of honeybee worker and queen-laid eggs. *Chemoecology*, **2003**, 13, 129-134	2	28
83	A comparative study of the exocrine products of cleptoparasitic bees (Holcopasites) and their hosts (Calliopsis) (Hymenoptera: Anthophoridae, Andrenidae). *Journal of Chemical Ecology*, **1982**, 8, 1389-97	2.7	28
82	Effects of honey bee (Apis mellifera L.) queen insemination volume on worker behavior and physiology. *Journal of Insect Physiology*, **2012**, 58, 1082-9	2.4	27
81	Mimicry of queen Dufour's gland secretions by workers of Apis mellifera scutellata and A. m. capensis. *Die Naturwissenschaften*, **2002**, 89, 561-4	2	27
80	Coordinated change at the colony level in fruit bat fur microbiomes through time. *Nature Ecology and Evolution*, **2019**, 3, 116-124	12.3	27
79	The Exocrinology of the Queen Bumble Bee Bombus terrestris (Hymenoptera: Apidae, Bombini). *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **1996**, 51, 409-422	1.7	26
78	Reproductive plasticity in bumblebee workers (Bombus terrestris): reversion from fertility to sterility under queen influence. *Behavioral Ecology and Sociobiology*, **2007**, 62, 213-222	2.5	26
77	Caste-specific differences in ecdysteroid titers in early larval stages of the bumblebee Bombus terrestris. *Journal of Insect Physiology*, **2000**, 46, 1433-1439	2.4	25
76	Structural and communicative functions of Dufour's gland secretion in Eucera palestinae (Hymenoptera; Anthophoridae). *Insect Biochemistry*, **1985**, 15, 635-638		25
75	Intraspecific competition affects population size and resource allocation in an ant dispersing by colony fission. *Ecology*, **2010**, 91, 3312-21	4.6	24
74	Trail pheromone of ponerine ant Gnamptogenys striatula: 4-methylgeranyl esters from Dufour's gland. *Journal of Chemical Ecology*, **2002**, 28, 2557-67	2.7	24
73	Chemistry of the postpharyngeal gland secretion and its implication for the phylogeny of IberianCataglyphis species (Hymenoptera: Formicidae). *Chemoecology*, **1996**, 7, 163-171	2	24
72	Neural Mechanisms and Information Processing in Recognition Systems. *Insects*, **2014**, 5, 722-41	2.8	23
71	Invasion of the dwarf honeybee Apis florea into the near East. *Biological Invasions*, **2010**, 12, 1093-1099	2.7	23
70	Postmating changes in cuticular chemistry and visual appearance in Ectatomma tuberculatum queens (Formicidae: Ectatomminae). *Die Naturwissenschaften*, **2008**, 95, 55-60	2	23

69	The front basitarsal brush in Pachycondyla apicalis and its role in hydrocarbon circulation. *Chemoecology*, **2001**, 11, 17-24	2	23
68	Ants regulate colony spatial organization using multiple chemical road-signs. *Nature Communications*, **2017**, 8, 15414	17.4	21
67	The interplay between genetic and environmental effects on colony insularity in the clonal invasive little fire ant Wasmannia auropunctata. *Behavioral Ecology and Sociobiology*, **2009**, 63, 1667-1677	2.5	20
66	Evolution of worker sterility in honey bees: egg-laying workers express queen-like secretion in Dufour gland. *Behavioral Ecology and Sociobiology*, **2002**, 51, 588-589	2.5	20
65	Dufour's gland secretion as a repellent used during usurpation by the slave-maker ant Rossomyrmex minuchae. *Journal of Insect Physiology*, **2005**, 51, 1158-64	2.4	20
64	Individual scent marking of the nest entrance as a mechanism for nest recognition inXylocopa pubescens (Hymenoptera: Anthophoridae). *Journal of Insect Behavior*, **1992**, 5, 763-772	1.1	20
63	Ontogenetic Patterns in Amounts and Proportions of Dufour's Gland Volatile Secretions in Virgin and Nesting Queens of Lasioglossum malachurum (Hymenoptera: Halictidae). *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **1990**, 45, 709-714	1.7	20
62	Identification of new components from anal glands ofTapinoma simrothi pheonicium. *Journal of Chemical Ecology*, **1983**, 9, 607-13	2.7	18
61	Do Bumble Bee, Bombus impatiens, Queens Signal their Reproductive and Mating Status to their Workers?. *Journal of Chemical Ecology*, **2017**, 43, 563-572	2.7	17
60	The effect of caste and reproductive state on the chemistry of the cephalic labial glands secretion of Bombus terrestris. *Journal of Chemical Ecology*, **2014**, 40, 900-12	2.7	17
59	Co-evolution-driven cuticular hydrocarbon variation between the slave-making ant Rossomyrmex minuchae and its host Proformica longiseta (Hymenoptera: Formicidae). *Chemoecology*, **2006**, 16, 235-240	2	17
58	In-nest environment modulates nestmate recognition in the ant Camponotus fellah. *Die Naturwissenschaften*, **2004**, 91, 186-90	2	17
57	Task-related chemical analysis of labial gland volatile secretion in worker honeybees (Apis mellifera ligustica). *Journal of Chemical Ecology*, **2001**, 27, 919-26	2.7	17
56	Evaluating the Role of Drone-Produced Chemical Signals in Mediating Social Interactions in Honey Bees (Apis mellifera). *Journal of Chemical Ecology*, **2018**, 44, 1-8	2.7	17
55	Chemical discrimination and aggressiveness via cuticular hydrocarbons in a supercolony-forming ant, Formica yessensis. *PLoS ONE*, **2012**, 7, e46840	3.7	16
54	Interspecific displacement mechanisms by the invasive little fire ant Wasmannia auropunctata. *Biological Invasions*, **2012**, 14, 851-861	2.7	16
53	Are queen Bombus terrestris giant workers or are workers dwarf queens? Solving the 'chicken and egg' problem in a bumblebee species. *Die Naturwissenschaften*, **2001**, 88, 85-7	2	16
52	Arrestment responses ofEretmocerus species andEncarsia deserti (Hymenoptera: Aphelinidae) toBemisia tabaci honeydew. *Journal of Insect Behavior*, **1992**, 5, 517-526	1.1	16

51	Chemistry of the Cephalic and Dufour's Gland Secretions of Melissodes Bees. *Annals of the Entomological Society of America*, **1979**, 72, 514-515	2	16
50	Function of secretion of mandibular gland of male in territorial behavior ofXylocopa sulcatipes (Hymenoptera: Anthophoridae). *Journal of Chemical Ecology*, **1983**, 9, 923-31	2.7	15
49	Role of labial glands in nesting behaviour of Chalicodoma sicula (Hymenoptera; Megachilidae). *Physiological Entomology*, **1984**, 9, 175-179	1.9	15
48	Dufour's gland secretion, sterility and foraging behavior: correlated behavior traits in bumblebee workers. *Journal of Insect Physiology*, **2013**, 59, 1250-5	2.4	14
47	The role of tyramine and octopamine in the regulation of reproduction in queenless worker honeybees. *Die Naturwissenschaften*, **2012**, 99, 123-31	2	13
46	Chemical integration of Thorictus myrmecophilous beetles into Cataglyphis ant nests. *Biochemical Systematics and Ecology*, **2013**, 51, 335-342	1.4	13
45	Exocrine glands ofPolyrhachis simplex: Chemistry and function. *Journal of Chemical Ecology*, **1982**, 8, 635-9	2.7	13
44	At the brink of supercoloniality: genetic, behavioral, and chemical assessments of population structure of the desert ant Cataglyphis niger. *Frontiers in Ecology and Evolution*, **2014**, 2,	3.7	12
43	Uncoupling fertility from fertility-associated pheromones in worker honeybees (Apis mellifera). *Journal of Insect Physiology*, **2009**, 55, 205-9	2.4	12
42	Nest volatiles as modulators of nestmate recognition in the ant Camponotus fellah. *Journal of Insect Physiology*, **2008**, 54, 378-85	2.4	12
41	The comparative exocrine chemistry of nine Old World species of Messor (Formicidae: Myrmicinae). *Biochemical Systematics and Ecology*, **2003**, 31, 367-373	1.4	12
40	Trail-following behaviour in two Aphaenogaster ants. *Chemoecology*, **2011**, 21, 83-88	2	11
39	Chemotaxonomy of some Cataglyphis ants from Morocco and Burkina Faso. *Biochemical Systematics and Ecology*, **2008**, 36, 564-572	1.4	11
38	The cuticular hydrocarbon profiles of honey bee workers develop via a socially-modulated innate process. *ELife*, **2019**, 8,	8.9	11
37	Feminization of pheromone-sensing neurons affects mating decisions in Drosophila males. *Biology Open*, **2014**, 3, 152-60	2.2	10
36	Sex specificity in the anal gland secretion of the Egyptian mongoose Herpestes ichneumon. *Journal of Zoology*, **2009**, 203, 205-209	2	10
35	Identification of new homoterpene esters from Dufour's gland of the ponerine ant Gnamptogenys striatula. *Journal of Chemical Ecology*, **2002**, 28, 2541-55	2.7	10
34	Chemistry of the mandibular gland secretion of the Indian beePithitis smaragdula. *Journal of Chemical Ecology*, **1979**, 5, 753-758	2.7	10

33	Individual Badges and Specific Messages in Multicomponent Pheromones of Bees. *Entomologia Generalis*, **1990**, 15, 103-113	5.3	10
32	Brain modulation of Dufour's gland ester biosynthesis in vitro in the honeybee (Apis mellifera). *Die Naturwissenschaften*, **2007**, 94, 407-11	2	9
31	The critical role of primer pheromones in maintaining insect sociality. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2019**, 74, 221-231	1.7	8
30	Alteration of cuticular hydrocarbon composition affects heterospecific nestmate recognition in the carpenter ant Camponotus fellah. *Chemoecology*, **2010**, 20, 19-24	2	8
29	The significance of multicomponent pheromones in denoting specific compositions. *Biochemical Systematics and Ecology*, **1988**, 16, 557-566	1.4	8
28	Mandibular Gland Secretions as Alarm Pheromones in Two Species of the Desert Ant Cataglyphis. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **1985**, 40, 665-666	1.7	8
27	Kin composition effects on reproductive competition among queenless honeybee workers. *Die Naturwissenschaften*, **2008**, 95, 427-32	2	6
26	Hymenopteran exocrine secretions as a tool for chemosystematic analysis: Possibilities and constraints. *Biochemical Systematics and Ecology*, **1993**, 21, 163-169	1.4	6
25	The Interplay between Incipient Species and Social Polymorphism in the Desert Ant Cataglyphis. *Scientific Reports*, **2019**, 9, 9495	4.9	5
24	Virgin honeybee queens fail to suppress worker fertility but not fertility signalling. *Journal of Insect Physiology*, **2013**, 59, 311-7	2.4	5
23	Recognition of caste and mating status maintains monogyny in the ant Aphaenogaster senilis. *Behavioral Ecology and Sociobiology*, **2013**, 67, 1295-1305	2.5	5
22	Alkaloids in the venom of Messor ants. *Biochemical Systematics and Ecology*, **2006**, 34, 199-204	1.4	5
21	Dufour Gland Composition in the Desert Ant Cataglyphis: Species Specificity and Population Differences. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **1992**, 47, 285-289	1.7	5
20	Within-colony genetic diversity differentially affects foraging, nest maintenance, and aggression in two species of harvester ants. *Scientific Reports*, **2018**, 8, 13868	4.9	5
19	Origin and distribution of desert ants across the Gibraltar Straits. *Molecular Phylogenetics and Evolution*, **2018**, 118, 122-134	4.1	4
18	Genetic distance and age affect the cuticular chemical profiles of the clonal ant Cerapachys biroi. *Journal of Chemical Ecology*, **2014**, 40, 429-38	2.7	4
17	A peaceful zone bordering two Argentine ant (Linepithema humile) supercolonies. *Chemoecology*, **2013**, 23, 213-218	2	4
16	Plasticity of worker reproductive strategies in Bombus terrestris: lessons from artificial mixed-species colonies. *Animal Behaviour*, **2006**, 72, 1417-1425	2.8	4

15	Queen-produced volatiles change dynamically during reproductive swarming and are associated with changes in honey bee (Apis mellifera) worker behavior. *Apidologie*, **2015**, 46, 679-690	2.3	3
14	Distance from the queen affects workers selfish behaviour in the honeybee (A. mellifera) colony. *Behavioral Ecology and Sociobiology*, **2014**, 68, 1693-1700	2.5	3
13	Determining social and population structures requires multiple approaches: A case study of the desert ant. *Ecology and Evolution*, **2018**, 8, 12365-12374	2.8	3
12	Cytonuclear incongruences hamper species delimitation in the socially polymorphic desert ants of the Cataglyphis albicans group in Israel. *Journal of Evolutionary Biology*, **2018**, 31, 1828-1842	2.3	3
11	Hormonal Regulation of Behavioral and Phenotypic Plasticity in Bumblebees **2017**, 453-464		2
10	Evidence That Artificial Light at Night Induces Structure-Specific Changes in Brain Plasticity in a Diurnal Bird. *Biomolecules*, **2021**, 11,	5.9	2
9	Effects of the Argentine ant venom on terrestrial amphibians. *Conservation Biology*, **2021**, 35, 216-226	6	2
8	Evaluating the Effect of Honey Bee (Apis mellifera) Queen Reproductive State on Pheromone-Mediated Interactions with Male Drone Bees. *Journal of Chemical Ecology*, **2019**, 45, 588-597	2.7	1
7	Worker demography and behavior in a supercolonial ant colony: The case of the desert ant Cataglyphis niger. *Ethology*, **2020**, 126, 59-67	1.7	1
6	Dufour's gland analysis reveals caste and physiology specific signals in Bombus impatiens. *Scientific Reports*, **2021**, 11, 2821	4.9	1
5	New chemical data on the ant Myrmecina graminicola (Formicidae, Myrmicinae): Unusual abundance of alkene hydrocarbons and esters. *Biochemical Systematics and Ecology*, **2018**, 80, 39-42	1.4	1
4	A Gland of Many Uses: a Diversity of Compounds in the Labial Glands of the Bumble Bee Bombus impatiens Suggests Multiple Signaling Functions.. *Journal of Chemical Ecology*, **2022**, 48, 270-282	2.7	0
3	Murray S. Blum. *American Entomologist*, **2015**, 61, 195-196	0.6	
2	NOTE: FINE STRUCTURE OF THE SECRETORY TUBULES OF THE VENOM GLAND IN THE EUMENID WASP RHYNCHIUM CYANOPTERUM. *Israel Journal of Zoology*, **2002**, 48, 83-86		
1	The payoffs and tradeoffs of hygienic behavior: a five year field study on a local population of honey bees. *Journal of Apicultural Research*,1-10	2	