

Tom Wenseleers

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

9,949
citations

71102

41
h-index

45317

90
g-index

174
all docs

174
docs citations

174
times ranked

12103
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. <i>Science</i> , 2021, 372, .	12.6	2,103
2	CONFLICT RESOLUTION IN INSECT SOCIETIES. <i>Annual Review of Entomology</i> , 2006, 51, 581-608.	11.8	547
3	Kin selection is the key to altruism. <i>Trends in Ecology and Evolution</i> , 2006, 21, 57-60.	8.7	342
4	Inclusive fitness theory and eusociality. <i>Nature</i> , 2011, 471, E1-E4.	27.8	339
5	Conserved Class of Queen Pheromones Stops Social Insect Workers from Reproducing. <i>Science</i> , 2014, 343, 287-290.	12.6	298
6	A general model for the evolution of mutualisms. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1283-1293.	1.7	292
7	Enforced altruism in insect societies. <i>Nature</i> , 2006, 444, 50-50.	27.8	224
8	Bacterial persistence promotes the evolution of antibiotic resistance by increasing survival and mutation rates. <i>ISME Journal</i> , 2019, 13, 1239-1251.	9.8	223
9	Comprehensive Bee Pathogen Screening in Belgium Reveals <i>Crithidia mellificae</i> as a New Contributory Factor to Winter Mortality. <i>PLoS ONE</i> , 2013, 8, e72443.	2.5	212
10	Frequency of antibiotic application drives rapid evolutionary adaptation of <i>Escherichia coli</i> persistence. <i>Nature Microbiology</i> , 2016, 1, 16020.	13.3	210
11	Comparative Analysis of Worker Reproduction and Policing in Eusocial Hymenoptera Supports Relatedness Theory. <i>American Naturalist</i> , 2006, 168, E163-E179.	2.1	203
12	Worker reproduction and policing in insect societies: an ESS analysis. <i>Journal of Evolutionary Biology</i> , 2004, 17, 1035-1047.	1.7	174
13	Widespread occurrence of honey bee pathogens in solitary bees. <i>Journal of Invertebrate Pathology</i> , 2014, 122, 55-58.	3.2	170
14	Altruism in insect societies and beyond: voluntary or enforced?. <i>Trends in Ecology and Evolution</i> , 2008, 23, 45-52.	8.7	165
15	The Fungal Aroma Gene ATF1 Promotes Dispersal of Yeast Cells through Insect Vectors. <i>Cell Reports</i> , 2014, 9, 425-432.	6.4	163
16	Widespread occurrence of the microorganism <i>Wolbachia</i> in ants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1447-1452.	2.6	130
17	The origin and evolution of social insect queen pheromones: Novel hypotheses and outstanding problems. <i>BioEssays</i> , 2015, 37, 808-821.	2.5	122
18	When Resistance Is Useless: Policing and the Evolution of Reproductive Acquiescence in Insect Societies. <i>American Naturalist</i> , 2004, 164, E154-E167.	2.1	120

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19	EVOLUTION: Policing Insect Societies. <i>Science</i> , 2005, 307, 54-56.	12.6	114
20	Covert deformed wing virus infections have long-term deleterious effects on honeybee foraging and survival. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162149.	2.6	100
21	Caste fate conflict in swarm-founding social Hymenoptera: an inclusive fitness analysis. <i>Journal of Evolutionary Biology</i> , 2003, 16, 647-658.	1.7	98
22	Evolution of Self-Organized Task Specialization in Robot Swarms. <i>PLoS Computational Biology</i> , 2015, 11, e1004273.	3.2	86
23	Tragedy of the commons in <i>Melipona</i> bees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S310-2.	2.6	83
24	Cuckolded Fathers Rare in Human Populations. <i>Trends in Ecology and Evolution</i> , 2016, 31, 327-329.	8.7	77
25	Wax combs mediate nestmate recognition by guard honeybees. <i>Animal Behaviour</i> , 2006, 71, 773-779.	1.9	75
26	Queen and worker policing in the tree wasp <i>Dolichovespula sylvestris</i> . <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 80-86.	1.4	69
27	Differential diagnosis of the honey bee trypanosomatids <i>Crithidia mellificae</i> and <i>Lotmaria passim</i> . <i>Journal of Invertebrate Pathology</i> , 2015, 130, 21-27.	3.2	65
28	Fifteen shades of green: The evolution of <i>Bufo</i> toads revisited. <i>Molecular Phylogenetics and Evolution</i> , 2019, 141, 106615.	2.7	65
29	Dual Effect of Wasp Queen Pheromone in Regulating Insect Sociality. <i>Current Biology</i> , 2015, 25, 1638-1640.	3.9	61
30	Genome-wide analysis of alternative reproductive phenotypes in honeybee workers. <i>Molecular Ecology</i> , 2011, 20, 4070-4084.	3.9	60
31	A highly diverse microcosm in a hostile world: a review on the associates of red wood ants (<i>Formica</i>) $Tj ETQq1 1 0.784314 rgBT / Over$	1.2	59
32	There is nothing wrong with inclusive fitness. <i>Trends in Ecology and Evolution</i> , 2006, 21, 599-600.	8.7	55
33	<i>Wolbachia</i> in leafcutter ants: a widespread symbiont that may induce male killing or incompatible matings. <i>Journal of Evolutionary Biology</i> , 2008, 14, 805-814.	1.7	55
34	The role of cuticular hydrocarbons in mate recognition in <i>Drosophila suzukii</i> . <i>Scientific Reports</i> , 2018, 8, 4996.	3.3	55
35	Queen Execution and Caste Conflict in the Stingless Bee <i>Melipona beecheii</i> . <i>Ethology</i> , 2004, 110, 725-736.	1.1	54
36	The effect of food reserves on the production of sexual offspring in the stingless bee <i>Melipona beecheii</i> (Apidae, Meliponini). <i>Insectes Sociaux</i> , 2001, 48, 398-403.	1.2	51

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37	Social evolution theory: a review of methods and approaches. , 2010, , 132-158.		51
38	Early changes in the pupal transcriptome of the flesh fly <i>Sarcophaga crassipalpis</i> to parasitization by the ectoparasitic wasp, <i>Nasonia vitripennis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 1189-1200.	2.7	51
39	BeeDoctor, a Versatile MLPA-Based Diagnostic Tool for Screening Bee Viruses. <i>PLoS ONE</i> , 2012, 7, e47953.	2.5	51
40	No evidence for <i>Wolbachia</i> -induced parthenogenesis in the social Hymenoptera. <i>Journal of Evolutionary Biology</i> , 2000, 13, 277-280.	1.7	50
41	Deleterious <i>Wolbachia</i> in the ant <i>Formica truncorum</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 623-629.	2.6	50
42	Cloning and sequencing of <i>wsp</i> encoding gene fragments reveals a diversity of co-infecting <i>Wolbachia</i> strains in <i>Acromyrmex</i> leafcutter ants. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 102-109.	2.7	49
43	Low historical rates of cuckoldry in a Western European human population traced by Y-chromosome and genealogical data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132400.	2.6	48
44	The Crabtree Effect Shapes the <i>Saccharomyces cerevisiae</i> Lag Phase during the Switch between Different Carbon Sources. <i>MBio</i> , 2018, 9, .	4.1	46
45	Cuticular Hydrocarbons Provide Reliable Cues of Fertility in the Ant <i>Gnamptogenys striatula</i> . <i>Journal of Chemical Ecology</i> , 2006, 32, 2023-2034.	1.8	42
46	Genome sequence heterogeneity of Lake Sinai Virus found in honey bees and Orf1/RdRP-based polymorphisms in a single host. <i>Virus Research</i> , 2015, 201, 67-72.	2.2	42
47	Miniature queens in stingless bees: basic facts and evolutionary hypotheses. <i>Apidologie</i> , 2006, 37, 191-206.	2.0	41
48	Working-class royalty: bees beat the caste system. <i>Biology Letters</i> , 2005, 1, 125-128.	2.3	40
49	The queen is dead—long live the workers: intraspecific parasitism by workers in the stingless bee <i>Melipona scutellaris</i> . <i>Molecular Ecology</i> , 2009, 18, 4102-4111.	3.9	39
50	QUEEN SIGNALING IN SOCIAL WASPS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 976-986.	2.3	39
51	Conservation of Queen Pheromones Across Two Species of Vespine Wasps. <i>Journal of Chemical Ecology</i> , 2016, 42, 1175-1180.	1.8	39
52	Fitness trade-offs explain low levels of persister cells in the opportunistic pathogen <i>Pseudomonas aeruginosa</i> . <i>Molecular Ecology</i> , 2015, 24, 1572-1583.	3.9	38
53	Intraspecific queen parasitism in a highly eusocial bee. <i>Biology Letters</i> , 2011, 7, 173-176.	2.3	37
54	Darwin's special difficulty: the evolution of "neuter insects" and current theory. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 481-492.	1.4	36

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55	Extending the honey bee venom with the antimicrobial peptide apidaecin and a protein resembling wasp antigen 5. <i>Insect Molecular Biology</i> , 2013, 22, 199-210.	2.0	36
56	Thelytokous worker reproduction and lack of <i>Wolbachia</i> infection in the harvesting ant <i>Messor capitatus</i> . <i>Ethology Ecology and Evolution</i> , 2000, 12, 309-314.	1.4	34
57	Comparative study in stingless bees (Meliponini) demonstrates that nest entrance size predicts traffic and defensivity. <i>Journal of Evolutionary Biology</i> , 2008, 21, 194-201.	1.7	34
58	Cloning and expression of PKG, a candidate foraging regulating gene in <i>Vespula vulgaris</i> . <i>Animal Biology</i> , 2008, 58, 341-351.	1.0	34
59	Successful maintenance of a stingless bee population despite a severe genetic bottleneck. <i>Conservation Genetics</i> , 2011, 12, 647-658.	1.5	34
60	Unusual modes of reproduction in social insects: Shedding light on the evolutionary paradox of sex. <i>BioEssays</i> , 2011, 33, 927-937.	2.5	34
61	Trophic interactions in an ant nest microcosm: a combined experimental and stable isotope ($\delta^{13}C/\delta^{15}N$) approach. <i>Oikos</i> , 2016, 125, 1182-1192.	2.7	34
62	No Evidence of Enemy Release in Pathogen and Microbial Communities of Common Wasps (<i>Vespula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	33
63	Colony stage and not facultative policing explains pattern of worker reproduction in the Saxon wasp. <i>Molecular Ecology</i> , 2011, 20, 3455-3468.	3.9	32
64	Functional divergence of gene duplicates through ectopic recombination. <i>EMBO Reports</i> , 2012, 13, 1145-1151.	4.5	32
65	Vertical transmission of honey bee viruses in a Belgian queen breeding program. <i>BMC Veterinary Research</i> , 2015, 11, 61.	1.9	31
66	Hormonal pleiotropy helps maintain queen signal honesty in a highly eusocial wasp. <i>Scientific Reports</i> , 2017, 7, 1654.	3.3	31
67	The scent of symbiosis: gut bacteria may affect social interactions in leaf-cutting ants. <i>Animal Behaviour</i> , 2019, 150, 239-254.	1.9	31
68	Large interclone differences in melezitose secretion in the facultatively ant-tended black bean aphid <i>Aphis fabae</i> . <i>Journal of Insect Physiology</i> , 2011, 57, 1614-1621.	2.0	30
69	The origin and evolution of queen and fertility signals in Corbiculate bees. <i>BMC Evolutionary Biology</i> , 2015, 15, 254.	3.2	30
70	Arthropods Associate with their Red Wood ant Host without Matching Nestmate Recognition Cues. <i>Journal of Chemical Ecology</i> , 2017, 43, 644-661.	1.8	30
71	Hydrocarbon Signatures of Egg Maternity, Caste Membership and Reproductive Status in the Common Wasp. <i>Journal of Chemical Ecology</i> , 2012, 38, 42-51.	1.8	29
72	GESwarm. , 2013, , .		29

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73	Metapopulation processes affecting diversity and distribution of myrmecophiles associated with red wood ants. <i>Basic and Applied Ecology</i> , 2015, 16, 553-562.	2.7	29
74	Worker Honeybee Sterility: A Proteomic Analysis of Suppressed Ovary Activation. <i>Journal of Proteome Research</i> , 2012, 11, 2838-2850.	3.7	28
75	Modelling social evolution: the relative merits and limitations of a Hamilton's rule-based approach. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1419-1422.	1.7	27
76	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.	2.6	26
77	Genetic genealogy approach reveals low rate of extrapair paternity in historical Dutch populations. <i>American Journal of Human Biology</i> , 2017, 29, e23046.	1.6	26
78	Territorial Marking in the Desert Ant <i>Cataglyphis niger</i> : Does It Pay to Play Bourgeois?. <i>Journal of Insect Behavior</i> , 2002, 15, 85-93.	0.7	25
79	A high recombination rate in eusocial Hymenoptera: evidence from the common wasp <i>Vespula vulgaris</i> . <i>BMC Genetics</i> , 2011, 12, 95.	2.7	25
80	Uncertainty about social interactions leads to the evolution of social heuristics. <i>Nature Communications</i> , 2018, 9, 2151.	12.8	25
81	Knowing your enemies: seasonal dynamics of host social parasite recognition. <i>Die Naturwissenschaften</i> , 2004, 91, 594-597.	1.6	24
82	Sneaky queens in <i>Melipona</i> bees selectively detect and infiltrate queenless colonies. <i>Animal Behaviour</i> , 2013, 86, 603-609.	1.9	24
83	Volatiles of bacteria associated with parasitoid habitats elicit distinct olfactory responses in an aphid parasitoid and its hyperparasitoid. <i>Functional Ecology</i> , 2020, 34, 507-520.	3.6	24
84	Context-dependent specialization in colony defence in the red wood ant <i>Formica rufa</i> . <i>Animal Behaviour</i> , 2015, 103, 161-167.	1.9	23
85	A Historical-Genetic Reconstruction of Human Extra-Pair Paternity. <i>Current Biology</i> , 2019, 29, 4102-4107.e7.	3.9	23
86	Preferences and differences in the trail pheromone of the leaf-cutting ant <i>Atta sexdens sexdens</i> (Hymenoptera: Formicidae). <i>European Journal of Entomology</i> , 2006, 103, 553-558.	1.2	23
87	Worker policing in the German wasp <i>Vespula germanica</i> . <i>Behavioral Ecology</i> , 2007, 19, 272-278.	2.2	22
88	Towards greater realism in inclusive fitness models: the case of worker reproduction in insect societies. <i>Biology Letters</i> , 2013, 9, 20130334.	2.3	22
89	Do well-integrated species of an inquiline community have a lower brood predation tendency? A test using red wood ant myrmecophiles. <i>BMC Evolutionary Biology</i> , 2016, 16, 12.	3.2	22
90	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, .	2.2	22

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91	Population Bottlenecks Strongly Affect the Evolutionary Dynamics of Antibiotic Persistence. <i>Molecular Biology and Evolution</i> , 2021, 38, 3345-3357.	8.9	22
92	Spite in social insects. <i>Trends in Ecology and Evolution</i> , 2000, 15, 469-470.	8.7	21
93	Co-occurrence of three types of egg policing in the Norwegian wasp <i>Dolichovespula norwegica</i> . <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 633-640.	1.4	20
94	Nepotism absent in insect societies - or is it?. <i>Molecular Ecology</i> , 2007, 16, 3063-3065.	3.9	19
95	Differential Proteomics in Dequeened Honeybee Colonies Reveals Lower Viral Load in Hemolymph of Fertile Worker Bees. <i>PLoS ONE</i> , 2011, 6, e20043.	2.5	19
96	Levels of clonal mixing in the black bean aphid <i>Aphis fabae</i> , a facultative ant mutualist. <i>Molecular Ecology</i> , 2011, 20, 4772-4785.	3.9	19
97	Intraspecific worker parasitism in the common wasp, <i>Vespula vulgaris</i> . <i>Animal Behaviour</i> , 2016, 113, 79-85.	1.9	19
98	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.	1.7	18
99	The influence of facultative endosymbionts on honeydew carbohydrate and amino acid composition of the black bean aphid <i>Aphis fabae</i> . <i>Physiological Entomology</i> , 2017, 42, 125-133.	1.5	18
100	Reproduction of honeybee workers is regulated by epidermal growth factor receptor signaling. <i>General and Comparative Endocrinology</i> , 2014, 197, 1-4.	1.8	17
101	Scale-Free Correlations in Flocking Systems with Position-Based Interactions. <i>Journal of Statistical Physics</i> , 2015, 158, 549-562.	1.2	17
102	Parent of origin gene expression in the bumblebee, <i>Bombus terrestris</i> , supports Haig's kinship theory for the evolution of genomic imprinting. <i>Evolution Letters</i> , 2020, 4, 479-490.	3.3	17
103	Evolutionary synthesis of multi-agent systems for dynamic dial-a-ride problems. , 2012, , .		16
104	Variability in growth/no growth boundaries of 188 different <i>Escherichia coli</i> strains reveals that approximately 75 % have a higher growth probability under low pH conditions than <i>E. coli</i> O157:H7 strain ATCC 43888. <i>Food Microbiology</i> , 2015, 45, 222-230.	4.2	16
105	Track-a-Forager: a program for the automated analysis of RFID tracking data to reconstruct foraging behaviour. <i>Insectes Sociaux</i> , 2016, 63, 175-183.	1.2	16
106	Sensory and cognitive adaptations to social living in insect societies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6424-6426.	7.1	16
107	Evaluation of hop (<i>Humulus lupulus</i>) as a repellent for the management of <i>Drosophila suzukii</i> . <i>Crop Protection</i> , 2019, 124, 104839.	2.1	16
108	Reproduction and signals regulating worker policing under identical hormonal control in social wasps. <i>Scientific Reports</i> , 2020, 10, 18971.	3.3	15

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109	Bacterial phylogeny predicts volatile organic compound composition and olfactory response of an aphid parasitoid. <i>Oikos</i> , 2020, 129, 1415-1428.	2.7	15
110	Worker policing in the common wasp <i>Vespula vulgaris</i> is not aimed at improving colony hygiene. <i>Insectes Sociaux</i> , 2006, 53, 399-402.	1.2	14
111	Measures of dynamism and urgency in logistics. <i>European Journal of Operational Research</i> , 2016, 253, 614-624.	5.7	14
112	Long-term Trends in Human Extra-Pair Paternity: Increased Infidelity or Adaptive Strategy? A Reply to Harris. <i>Trends in Ecology and Evolution</i> , 2016, 31, 663-665.	8.7	14
113	Bioassay-guided isolation of active substances from <i>Semen Torreyae</i> identifies two new anthelmintic compounds with novel mechanism of action. <i>Journal of Ethnopharmacology</i> , 2018, 224, 421-428.	4.1	14
114	Effects of juvenile hormone in fertility and fertility-signaling in workers of the common wasp <i>Vespula vulgaris</i> . <i>PLoS ONE</i> , 2021, 16, e0250720.	2.5	14
115	Conserved queen pheromones in bumblebees: a reply to Amsalem et al.. <i>PeerJ</i> , 2017, 5, e3332.	2.0	13
116	First discovery of a rare polygyne colony in the stingless bee <i>Melipona quadrifasciata</i> (Apidae.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i>	2.0	12
117	The cost of ant attendance and melezitose secretion in the black bean aphid <i>Aphis fabae</i> . <i>Ecological Entomology</i> , 2015, 40, 511-517.	2.2	12
118	Diploid Male Production Results in Queen Death in the Stingless Bee <i>Scaptotrigona depilis</i> . <i>Journal of Chemical Ecology</i> , 2017, 43, 403-410.	1.8	12
119	Body size in the ant-associated isopod <i>Platyarthrus hoffmannseggii</i> is host-dependent. <i>Biological Journal of the Linnean Society</i> , 2017, 121, 305-311.	1.6	12
120	Lack of genetic structuring, low effective population sizes and major bottlenecks characterise common and German wasps in New Zealand. <i>Biological Invasions</i> , 2019, 21, 3185-3201.	2.4	12
121	Do <i>Lasius niger</i> ants punish low-quality black bean aphid mutualists?. <i>Animal Behaviour</i> , 2012, 83, 257-262.	1.9	11
122	Diversity and morphology of abdominal glands in workers of the ant genus <i>Myopias</i> (Formicidae.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.4	11
123	Bourgeois Behavior and Freeloading in the Colonial Orb Web Spider <i>Parawixia bistriata</i> (Araneae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 11</i>	2.1	11
124	Biohistorical materials and contemporary privacy concerns-the forensic case of King Albert I. <i>Forensic Science International: Genetics</i> , 2016, 24, 202-210.	3.1	11
125	Fast and Reliable Quantitative Peptidomics with <i>labelpepmatch</i> . <i>Journal of Proteome Research</i> , 2016, 15, 1080-1089.	3.7	11
126	Expression of key components of the RNAi machinery are suppressed in <i>Apis mellifera</i> that suffer a high virus infection. <i>Entomological Science</i> , 2017, 20, 76-85.	0.6	11

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127	Fitness and microbial networks of the common wasp, <i>Vespula vulgaris</i> (Hymenoptera: Vespidae), in its native and introduced ranges. <i>Ecological Entomology</i> , 2019, 44, 512-523.	2.2	11
128	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.	2.3	11
129	Prudent behavior rather than chemical deception enables a parasite to exploit its ant host. <i>Behavioral Ecology</i> , 2018, , .	2.2	10
130	Hormonal modulation of reproduction and fertility signaling in polistine wasps. <i>Environmental Epigenetics</i> , 2021, 67, 519-530.	1.8	10
131	Magnetic resonance imaging in entomology: a critical review. <i>Journal of Insect Science</i> , 2003, 3, .	1.5	9
132	An apparent mutualism between Afrotropical ant species sharing the same nest. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	9
133	The association between mitochondrial genetic variation and reduced colony fitness in an invasive wasp. <i>Molecular Ecology</i> , 2019, 28, 3324-3338.	3.9	9
134	Distribution and comparative morphology of the cloacal gland in ants (Hymenoptera : Formicidae). <i>Arthropod Structure and Development</i> , 1998, 27, 121-128.	0.4	8
135	Reproduction and fertility signalling under joint juvenile hormone control in primitively eusocial <i>Mischocyttarus</i> wasps. <i>Chemoecology</i> , 0, , .	1.1	8
136	The effect of host plants on genotype variability in fitness and honeydew composition of <i>Aphis fabae</i> . <i>Insect Science</i> , 2017, 24, 781-788.	3.0	7
137	A Combination of Fertility Signals and Aggression Regulates Reproduction in the Ant <i>Gnamptogenys striatula</i> . <i>Journal of Insect Behavior</i> , 2010, 23, 236-249.	0.7	6
138	Material properties determining the insecticidal activity of highly divided porous materials on the pharaoh ant (<i>Monomorium pharaonis</i>). <i>Pest Management Science</i> , 2018, 74, 1374-1385.	3.4	6
139	Cross-activity of honeybee queen mandibular pheromone in bumblebees provides evidence for sensory exploitation. <i>Behavioral Ecology</i> , 2019, , .	2.2	6
140	Strategies of the beetle <i>Oochrotus unicolor</i> (Tenebrionidae) thriving in the waste dumps of seed-harvesting <i>Messor</i> ants (Formicidae). <i>Ecological Entomology</i> , 2020, 45, 583-593.	2.2	6
141	Cuticular hydrocarbons as cues of caste and sex in the German wasp <i>Vespula germanica</i> . <i>Insectes Sociaux</i> , 2021, 68, 261-276.	1.2	6
142	In silico detection of phylogenetic informative Y-chromosomal single nucleotide polymorphisms from whole genome sequencing data. <i>Electrophoresis</i> , 2014, 35, 3102-3110.	2.4	5
143	Chemical Strategies of the Beetle <i>Metoecus Paradoxus</i> , Social Parasite of the Wasp <i>Vespula Vulgaris</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 1137-1147.	1.8	5
144	Uncertainty causes humans to use social heuristics and to cooperate more: An experiment among Belgian university students. <i>Evolution and Human Behavior</i> , 2021, 42, 223-229.	2.2	5

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145	Identification of Blackberry (<i>Rubus fruticosus</i>) Volatiles as <i>Drosophila suzukii</i> Attractants. <i>Insects</i> , 2021, 12, 417.	2.2	5
146	Material properties determining insecticidal activity of activated carbon on the pharaoh ant (<i>Monomorium pharaonis</i>). <i>Journal of Pest Science</i> , 2019, 92, 643-652.	3.7	4
147	Hydrocarbon Signatures of the Ectoparasitoid <i>Sphecophaga vesparum</i> Shows Wasp Host Dependency. <i>Insects</i> , 2020, 11, 268.	2.2	4
148	Worker dominance and reproduction in the bumblebee <i>Bombus terrestris</i> : when does it pay to bare one's mandibles?. <i>Animal Behaviour</i> , 2020, 166, 41-50.	1.9	4
149	Close-range cues used by males of <i>Polistes dominula</i> in sex discrimination. <i>Die Naturwissenschaften</i> , 2021, 108, 15.	1.6	4
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