

Ken Tan

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,174
citations

331670
21
h-index

434195
31
g-index

54
all docs

54
docs citations

54
times ranked

1045
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher toxin tolerance to triptolide, a terpenoid foraged by a sympatric honeybee. <i>Journal of Insect Physiology</i> , 2022, 137, 104358.	2.0	3
2	Identification of giant hornet <i>Vespa mandarinia</i> queen sex pheromone components. <i>Current Biology</i> , 2022, 32, R211-R212.	3.9	1
3	Visual contagion in prey defence signals can enhance honest defence. <i>Journal of Animal Ecology</i> , 2021, 90, 594-601.	2.8	4
4	Floral tea polyphenols can improve honey bee memory retention and olfactory sensitivity. <i>Journal of Insect Physiology</i> , 2021, 128, 104177.	2.0	7
5	The Nasonov gland pheromone as a potential source of death cue in <i>Apis cerana</i> . <i>Journal of Insect Physiology</i> , 2021, 131, 104238.	2.0	4
6	Lethality of Honey Bee Stings to Heavily Armored Hornets. <i>Biology</i> , 2021, 10, 484.	2.8	3
7	New bioactive peptides from the venom gland of a social hornet <i>Vespa velutina</i> . <i>Toxicon</i> , 2021, 199, 94-100.	1.6	10
8	Functional characterization, antimicrobial effects, and potential antibacterial mechanisms of new mastoparan peptides from hornet venom (<i>Vespa ducalis</i> , <i>Vespa mandarinia</i> , and <i>Vespa affinis</i>). <i>Toxicon</i> , 2021, 200, 48-54.	1.6	4
9	Honey Bee Alarm Pheromone Mediates Communication in Plantâ€“Pollinatorâ€“Predator Interactions. <i>Insects</i> , 2019, 10, 366.	2.2	11
10	Hornets possess long-lasting olfactory memories. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	5
11	Losing the Arms Race: Greater Wax Moths Sense but Ignore Bee Alarm Pheromones. <i>Insects</i> , 2019, 10, 81.	2.2	4
12	The genomic basis of adaptation to highâ€“altitude habitats in the eastern honey bee (<i>Apis cerana</i>). <i>Molecular Ecology</i> , 2019, 28, 746-760.	3.9	30
13	The reluctant visitor: an alkaloid in toxic nectar can reduce olfactory learning and memory in Asian honey bees. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	2
14	First demonstration of olfactory learning and long term memory in honey bee queens. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	11
15	Olfactory eavesdropping of predator alarm pheromone by sympatric but not allopatric prey. <i>Animal Behaviour</i> , 2018, 141, 115-125.	1.9	14
16	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.	1.7	34
17	High Concentrations of the Alarm Pheromone Component, Isopentyl Acetate, Reduces Foraging and Dancing in <i>Apis mellifera Ligustica</i> and <i>Apis cerana Cerana</i> . <i>Journal of Insect Behavior</i> , 2017, 30, 188-198.	0.7	4
18	The dynamic association between ovariole loss and sterility in adult honeybee workers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162693.	2.6	12

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19	Resisting majesty: <i>Apis cerana</i> , has lower antennal sensitivity and decreased attraction to queen mandibular pheromone than <i>Apis mellifera</i> . <i>Scientific Reports</i> , 2017, 7, 44640.	3.3	5
20	The sex pheromone of a globally invasive honey bee predator, the Asian eusocial hornet, <i>Vespa velutina</i> . <i>Scientific Reports</i> , 2017, 7, 12956.	3.3	43
21	Foragers of sympatric Asian honey bee species intercept competitor signals by avoiding benzyl acetate from <i>Apis cerana</i> alarm pheromone. <i>Scientific Reports</i> , 2017, 7, 6721.	3.3	15
22	The pesticide flupyradifurone impairs olfactory learning in Asian honey bees (<i>Apis cerana</i>) exposed as larvae or as adults. <i>Scientific Reports</i> , 2017, 7, 17772.	3.3	37
23	Honey Bee Inhibitory Signaling Is Tuned to Threat Severity and Can Act as a Colony Alarm Signal. <i>PLoS Biology</i> , 2016, 14, e1002423.	5.6	43
24	Bees eavesdrop upon informative and persistent signal compounds in alarm pheromones. <i>Scientific Reports</i> , 2016, 6, 25693.	3.3	23
25	Inhibiting DNA methylation alters olfactory extinction but not acquisition learning in <i>Apis cerana</i> and <i>Apis mellifera</i> . <i>Journal of Insect Physiology</i> , 2016, 90, 43-48.	2.0	8
26	Haplotype diversity and genetic similarity among populations of the Eastern honey bee from Himalaya-Southwest China and Nepal (Hymenoptera: Apidae). <i>Apidologie</i> , 2016, 47, 197-205.	2.0	16
27	Honey Bees Modulate Their Olfactory Learning in the Presence of Hornet Predators and Alarm Component. <i>PLoS ONE</i> , 2016, 11, e0150399.	2.5	25
28	Individual honey bee (<i>Apis cerana</i>) foragers adjust their fuel load to match variability in forage reward. <i>Scientific Reports</i> , 2015, 5, 16418.	3.3	13
29	Sex-pairing pheromone of <i>Ancistrotermes dimorphus</i> (Isoptera: Macrotermitinae). <i>Journal of Insect Physiology</i> , 2015, 83, 8-14.	2.0	8
30	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.	2.0	25
31	A neonicotinoid impairs olfactory learning in Asian honey bees (<i>Apis cerana</i>) exposed as larvae or as adults. <i>Scientific Reports</i> , 2015, 5, 10989.	3.3	84
32	Phantom alternatives influence food preferences in the eastern honeybee <i>Apis cerana</i> . <i>Journal of Animal Ecology</i> , 2015, 84, 509-517.	2.8	18
33	Associations between reproduction and work in workers of the Asian hive bee <i>Apis cerana</i> . <i>Journal of Insect Physiology</i> , 2015, 82, 33-37.	2.0	10
34	Imidacloprid Alters Foraging and Decreases Bee Avoidance of Predators. <i>PLoS ONE</i> , 2014, 9, e102725.	2.5	77
35	Effects of natural and synthetic alarm pheromone and individual pheromone components on foraging behavior of the giant Asian honey bee, <i>Apis dorsata</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 3512-8.	1.7	21
36	Reproductive interference between honeybee species in artificial sympatry. <i>Molecular Ecology</i> , 2014, 23, 1096-1107.	3.9	20

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37	Preferences and tradeoffs in nectar temperature and nectar concentration in the Asian hive bee <i>Apis cerana</i> . <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 13-20.	1.4	17
38	Comparative analysis of olfactory learning of <i>Apis cerana</i> and <i>Apis mellifera</i> . <i>Apidologie</i> , 2014, 45, 45-52.	2.0	24
39	Giant Asian honeybees use olfactory eavesdropping to detect and avoid ant predators. <i>Animal Behaviour</i> , 2014, 97, 69-76.	1.9	31
40	The “I see you” prey predator signal of <i>Apis cerana</i> is innate. <i>Die Naturwissenschaften</i> , 2013, 100, 245-248.	1.6	22
41	Effect of Flumethrin on Survival and Olfactory Learning in Honeybees. <i>PLoS ONE</i> , 2013, 8, e66295.	2.5	17
42	Fearful Foragers: Honey Bees Tune Colony and Individual Foraging to Multi-Predator Presence and Food Quality. <i>PLoS ONE</i> , 2013, 8, e75841.	2.5	34
43	Differences in foraging and broodnest temperature in the honey bees <i>Apis cerana</i> and <i>A. mellifera</i> . <i>Apidologie</i> , 2012, 43, 618-623.	2.0	64
44	Asian hive bees, <i>Apis cerana</i> , modulate dance communication in response to nectar toxicity and demand. <i>Animal Behaviour</i> , 2012, 84, 1589-1594.	1.9	23
45	Cooperative wasp-killing by mixed-species colonies of honeybees, <i>Apis cerana</i> and <i>Apis mellifera</i> . <i>Apidologie</i> , 2012, 43, 195-200.	2.0	17
46	The pheromones of laying workers in two honeybee sister species: <i>Apis cerana</i> and <i>Apis mellifera</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2012, 198, 319-323.	1.6	14
47	An “I see you” prey predator signal between the Asian honeybee, <i>Apis cerana</i> , and the hornet, <i>Vespa velutina</i> . <i>Animal Behaviour</i> , 2012, 83, 879-882.	1.9	51
48	Population structure and classification of <i>Apis cerana</i> . <i>Apidologie</i> , 2010, 41, 589-601.	2.0	110
49	Responses of Queenright and Queenless Workers of <i>Apis Cerana</i> to 9-keto-2(E)-decenoic Acid, a Pheromonal Constituent of the Mandibular Gland. <i>Journal of Chemical Ecology</i> , 2010, 36, 966-968.	1.8	3
50	Worker reproduction in mixed-species colonies of honey bees. <i>Behavioral Ecology</i> , 2009, 20, 1106-1110.	2.2	25
51	Multivariate morphometric analysis of the <i>Apis cerana</i> of China. <i>Apidologie</i> , 2008, 39, 343-353.	2.0	17
52	Mitochondrial DNA diversity of Chinese <i>Apis cerana</i> . <i>Apidologie</i> , 2007, 38, 238-246.	2.0	28
53	Environmentally-induced developmental effects on morphometric characters of workers in <i>Apis cerana</i> colonies. <i>Apidologie</i> , 2007, 38, 289-295.	2.0	4
54	Geographic distribution of the eastern honeybee, <i>Apis cerana</i> (Hymenoptera: Apidae), across ecological zones in China: Morphological and molecular analyses. <i>Systematics and Biodiversity</i> , 2006, 4, 473-482.	1.2	19