Ricarda Scheiner

List of Publications by Year
in descending order

55 papers	3,008 citations	172457 29 h-index	168389 53 g-index
59 all docs	59 docs citations	59 times ranked	1649 citing authors

#	Article	IF	Citations
1	Sucrose responsiveness and behavioral plasticity in honey bees (Apis mellifera). Apidologie, 2004, 35, 133-142.	2.0	232
2	Behavioural pharmacology of octopamine, tyramine and dopamine in honey bees. Behavioural Brain Research, 2002, 136, 545-553.	2.2	190
3	The Effects of Genotype, Foraging Role, and Sucrose Responsiveness on the Tactile Learning Performance of Honey Bees (Apis mellifera L.). Neurobiology of Learning and Memory, 2001, 76, 138-150.	1.9	171
4	Tactile learning and the individual evaluation of the reward in honey bees (Apis mellifera L.). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1999, 185, 1-10.	1.6	159
5	Responsiveness to sucrose affects tactile and olfactory learning in preforaging honey bees of two genetic strains. Behavioural Brain Research, 2001, 120, 67-73.	2.2	155
6	The Development and Evolution of Division of Labor and Foraging Specialization in a Social Insect (Apis mellifera L.). Current Topics in Developmental Biology, 2006, 74, 253-286.	2.2	139
7	Aminergic Control and Modulation of Honeybee Behaviour. Current Neuropharmacology, 2006, 4, 259-276.	2.9	137
8	Downregulation of vitellogenin gene activity increases the gustatory responsiveness of honey bee workers (Apis mellifera). Behavioural Brain Research, 2006, 169, 201-205.	2.2	125
9	Standard methods for behavioural studies ofApis mellifera. Journal of Apicultural Research, 2013, 52, 1-58.	1.5	122
10	Variation in water and sucrose responsiveness during the foraging season affects proboscis extension learning in honey bees. Apidologie, 2003, 34, 67-72.	2.0	108
11	Sensory responsiveness and the effects of equal subjective rewards on tactile learning and memory of honeybees. Learning and Memory, 2005, 12, 626-635.	1.3	98
12	Cognitive aging is linked to social role in honey bees (Apis mellifera). Experimental Gerontology, 2007, 42, 1146-1153.	2.8	97
13	Characterization of the 5-HT1A receptor of the honeybee (Apis mellifera) and involvement of serotonin in phototactic behavior. Cellular and Molecular Life Sciences, 2010, 67, 2467-2479.	5.4	90
14	Activity of cGMP-Dependent Protein Kinase (PKG) Affects Sucrose Responsiveness and Habituation in Drosophila melanogaster. Learning and Memory, 2004, 11, 303-311.	1.3	87
15	Effects of the novel pesticide flupyradifurone (Sivanto) on honeybee taste and cognition. Scientific Reports, 2018, 8, 4954.	3.3	69
16	The foraging gene of Drosophila melanogaster: Spatialâ€expression analysis and sucrose responsiveness. Journal of Comparative Neurology, 2007, 504, 570-582.	1.6	55
17	Suitability of three common reference genes for quantitative real-time PCR in honey bees. Apidologie, 2013, 44, 342-350.	2.0	54
18	Learning, gustatory responsiveness and tyramine differences across nurse and forager honeybees. Journal of Experimental Biology, 2017, 220, 1443-1450.	1.7	51

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19	Responsiveness to sucrose and habituation of the proboscis extension response in honey bees. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2004, 190, 727-33.	1.6	50
20	Octopamine improves learning in newly emerged bees but not in old foragers. Journal of Experimental Biology, 2012, 215, 1076-1083.	1.7	44
21	The novel pesticide flupyradifurone (Sivanto) affects honeybee motor abilities. Ecotoxicology, 2019, 28, 354-366.	2.4	44
22	Impaired tactile learning is related to social role in honeybees. Journal of Experimental Biology, 2009, 212, 994-1002.	1.7	43
23	Differences in the phototaxis of pollen and nectar foraging honey bees are related to their octopamine brain titers. Frontiers in Physiology, 2014, 5, 116.	2.8	41
24	PKG in honey bees: Spatial expression, Amfor gene expression, sucrose responsiveness, and division of labor. Journal of Comparative Neurology, 2014, 522, 1786-1799.	1.6	41
25	Learning in honey bees with brain lesions: how partial mushroom-body ablations affect sucrose responsiveness and tactile antennal learning. Animal Cognition, 2001, 3, 227-235.	1.8	38
26	Chronic exposure to the pesticide flupyradifurone can lead to premature onset of foraging in honeybees Apis mellifera. Journal of Applied Ecology, 2020, 57, 609-618.	4.0	37
27	Phototactic behaviour correlates with gustatory responsiveness in honey bees (Apis mellifera L.). Behavioural Brain Research, 2006, 174, 174-180.	2.2	36
28	Division of labour in honey bees: ageâ€•and taskâ€•related changes in the expression of octopamine receptor genes. Insect Molecular Biology, 2014, 23, 833-841.	2.0	36
29	Rapid learning dynamics in individual honeybees during classical conditioning. Frontiers in Behavioral Neuroscience, 2014, 8, 313.	2.0	35
30	AmTAR2: Functional characterization of a honeybee tyramine receptor stimulating adenylyl cyclase activity. Insect Biochemistry and Molecular Biology, 2017, 80, 91-100.	2.7	34
31	Activity of protein kinase A and gustatory responsiveness in the honey bee (Apis mellifera L.). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2003, 189, 427-434.	1.6	29
32	Octopamine indirectly affects proboscis extension response habituation in Drosophila melanogaster by controlling sucrose responsiveness. Journal of Insect Physiology, 2014, 69, 107-117.	2.0	29
33	Evidence for associative learning in newly emerged honey bees (Apis mellifera). Animal Cognition, 2009, 12, 249-255.	1.8	28
34	Effects of patriline on gustatory responsiveness and olfactory learning in honey bees. Apidologie, 2010, 41, 29-37.	2.0	26
35	The Effects of Fat Body Tyramine Level on Gustatory Responsiveness of Honeybees (Apis mellifera) Differ between Behavioral Castes. Frontiers in Systems Neuroscience, 2017, 11, 55.	2.5	26
36	Learning at old age: a study on winter bees. Frontiers in Behavioral Neuroscience, 2010, 4, 15.	2.0	25

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37	The functions of antennal mechanoreceptors and antennal joints in tactile discrimination of the honeybee (Apis mellifera L.). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2005, 191, 857-864.	1.6	24
38	CRISPR/Cas 9-Mediated Mutations as a New Tool for Studying Taste in Honeybees. Chemical Senses, 2020, 45, 655-666.	2.0	24
39	Responses to sugar and sugar receptor gene expression in different social roles of the honeybee (Apis) Tj ETQq1 1 0.784314 rgBT /Ov	2.0	21
40	Neuronal distribution of tyramine and the tyramine receptor AmTAR1 in the honeybee brain. Journal of Comparative Neurology, 2017, 525, 2615-2631.	1.6	20
41	Survival rate and changes in foraging performances of solitary bees exposed to a novel insecticide. Ecotoxicology and Environmental Safety, 2021, 211, 111869.	6.0	19
42	Birth weight and sucrose responsiveness predict cognitive skills of honeybee foragers. Animal Behaviour, 2012, 84, 305-308.	1.9	17
43	The honey bee tyramine receptor AmTYR1 and division of foraging labor. Journal of Experimental Biology, 2013, 217, 1215-7.	1.7	16
44	Interâ€individual variation in honey bee dance intensity correlates with expression of the foraging gene. Genes, Brain and Behavior, 2020, 19, e12592.	2.2	16
45	Interaction of Insecticides and Fungicides in Bees. Frontiers in Insect Science, 2022, 1, .	2.1	14
46	Hyperthermia treatment can kill immature and adult Varroa destructor mites without reducing drone fertility. Apidologie, 2020, 51, 307-315.	2.0	13
47	Evidence of cognitive specialization in an insect: proficiency is maintained across elemental and higher-order visual learning but not between sensory modalities in honey bees. Journal of Experimental Biology, 2021, 224, .	1.7	11
48	Opposing Actions of Octopamine and Tyramine on Honeybee Vision. Biomolecules, 2021, 11, 1374.	4.0	8
49	Short-term hyperthermia at larval age reduces sucrose responsiveness of adult honeybees and can increase life span. Apidologie, 2020, 51, 570-582.	2.0	6
50	The Bacterium Pantoea ananatis Modifies Behavioral Responses to Sugar Solutions in Honeybees. Insects, 2020, 11, 692.	2.2	4
51	Tyramine 1 Receptor Distribution in the Brain of Corbiculate Bees Points to a Conserved Function. Brain, Behavior and Evolution, 2021, 96, 13-25.	1.7	3
52	In Vitro Rearing Changes Social Task Performance and Physiology in Honeybees. Insects, 2022, 13, 4.	2.2	3
53	A Novel Thermal-Visual Place Learning Paradigm for Honeybees (Apis mellifera). Frontiers in Behavioral Neuroscience, 2020, 14, 56.	2.0	1
54	Comparing the Appetitive Learning Performance of Six European Honeybee Subspecies in a Common Apiary. Insects, 2021, 12, 768.	2.2	1

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55	Neuronal distribution of tyramine and the tyramine receptor AmTAR1 in the honeybee brain. Journal of Comparative Neurology, 2017, 525, spc1-spc1.	1.6	0