

# Maria Gabriela de Brito Sanchez

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

877  
citations

687363

13  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

797  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aversive Reinforcement Improves Visual Discrimination Learning in Free-Flying Honeybees. PLoS ONE, 2010, 5, e15370.	2.5	127
2	The tarsal taste of honey bees: behavioral and electrophysiological analyses. Frontiers in Behavioral Neuroscience, 2014, 8, 25.	2.0	117
3	Taste Perception in Honey Bees. Chemical Senses, 2011, 36, 675-692.	2.0	109
4	Electrophysiological and behavioural characterization of gustatory responses to antennal "bitter" taste in honeybees. European Journal of Neuroscience, 2005, 22, 3161-3170.	2.6	77
5	Toxic but Drank: Gustatory Aversive Compounds Induce Post-ingestional Malaise in Harnessed Honeybees. PLoS ONE, 2010, 5, e15000.	2.5	76
6	Understanding the logics of pheromone processing in the honeybee brain: from labeled-lines to across-fiber patterns. Frontiers in Behavioral Neuroscience, 2007, 1, 5.	2.0	55
7	Bitter stimuli modulates the feeding decision of a blood-sucking insect via two sensory inputs. Journal of Experimental Biology, 2014, 217, 3708-17.	1.7	41
8	Behavioral studies on tarsal gustation in honeybees: sucrose responsiveness and sucrose-mediated olfactory conditioning. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2008, 194, 861-869.	1.6	39
9	Learning context modulates aversive taste strength in honey bees. Journal of Experimental Biology, 2015, 218, 949-959.	1.7	36
10	Food wanting is mediated by transient activation of dopaminergic signaling in the honey bee brain. Science, 2022, 376, 508-512.	12.6	35
11	Taste perception in honeybees: just a taste of honey?. Arthropod-Plant Interactions, 2007, 1, 69-76.	1.1	29
12	Peripheral taste detection in honey bees: What do taste receptors respond to?. European Journal of Neuroscience, 2021, 54, 4417-4444.	2.6	22
13	Absence of food alternatives promotes risk-prone feeding of unpalatable substances in honey bees. Scientific Reports, 2016, 6, 31809.	3.3	20
14	Inhibitory and Excitatory Effects of Iodobenzene on the Antennal Benzoic Acid Receptor Cells of the Female Silk Moth Bombyx mori L.. Chemical Senses, 2005, 30, 435-442.	2.0	15
15	Aversive gustatory learning and perception in honey bees. Scientific Reports, 2018, 8, 1343.	3.3	14
16	The short neuropeptide F regulates appetitive but not aversive responsiveness in a social insect. iScience, 2022, 25, 103619.	4.1	13
17	Insulin effects on honeybee appetitive behaviour. Journal of Experimental Biology, 2016, 219, 3003-3008.	1.7	11
18	Degradation of an appetitive olfactory memory via devaluation of sugar reward is mediated by 5-HT signaling in the honey bee. Neurobiology of Learning and Memory, 2020, 173, 107278.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Honey bees cannot sense harmful concentrations of metal pollutants in food. <i>Chemosphere</i> , 2022, 297, 134089.	8.2	9
20	The antennal benzoic acid receptor cell of the female silk moth <i>Bombyx mori</i> L.: structure?activity relationship studies with halogen substitutes. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2005, 191, 189-196.	1.6	8
21	The short neuropeptide F (sNPF) promotes the formation of appetitive visual memories in honey bees. <i>Biology Letters</i> , 2022, 18, 20210520.	2.3	8
22	Black Lives Matter: Revisiting Charles Henry Turner's experiments on honey bee color vision. <i>Current Biology</i> , 2020, 30, R1235-R1239.	3.9	4
23	Neurobiology of olfactory communication in the honeybee. , 2008, , 119-138.		2
24	Taste Perception in Honey Bees. , 2012, , 253-267.		0
25	Unraveling the motivational secrets of honey bee foraging during the COVID pandemic. <i>IScience</i> , 2022, 25, 104116.	4.1	0