Cody A Freas

List of Publications by Year
in descending order

31	722	516710 16	580821 25
papers	citations	h-index	g-index

36	36	36	433
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variation in memory and the hippocampus across populations from different climates: a common garden approach. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 402-410.	2.6	104
2	Elevation-related differences in memory and the hippocampus in mountain chickadees, Poecile gambeli. Animal Behaviour, 2012, 84, 121-127.	1.9	79
3	Experimental ethology of learning in desert ants: Becoming expert navigators. Behavioural Processes, 2019, 158, 181-191.	1.1	38
4	Crucial role of ultraviolet light for desert ants in determining direction from the terrestrial panorama. Animal Behaviour, 2016, 115, 19-28.	1.9	36
5	Hippocampal neuron soma size is associated with population differences in winter climate severity in foodâ€caching chickadees. Functional Ecology, 2013, 27, 1341-1349.	3.6	33
6	The View from the Trees: Nocturnal Bull Ants, Myrmecia midas, Use the Surrounding Panorama While Descending from Trees. Frontiers in Psychology, 2018, 9, 16.	2.1	33
7	Untangling Elevation-Related Differences in the Hippocampus in Food-Caching Mountain Chickadees: The Effect of a Uniform Captive Environment. Brain, Behavior and Evolution, 2013, 82, 199-209.	1.7	32
8	Polarized light use in the nocturnal bull ant,Myrmecia midas. Royal Society Open Science, 2017, 4, 170598.	2.4	31
9	Elevation-related differences in novel environment exploration and social dominance in food-caching mountain chickadees. Behavioral Ecology and Sociobiology, 2014, 68, 1871-1881.	1.4	30
10	Compass cues used by a nocturnal bull ant, Myrmecia midas. Journal of Experimental Biology, 2017, 220, 1578-1585.	1.7	30
11	How to Navigate in Different Environments and Situations: Lessons From Ants. Frontiers in Psychology, 2018, 9, 841.	2.1	28
12	Environmental Influences on Spatial Memory and the Hippocampus in Food-Caching Chickadees. Comparative Cognition and Behavior Reviews, 0, 10, 25-43.	2.0	25
13	Potential Mechanisms Driving Population Variation in Spatial Memory and the Hippocampus in Food-caching Chickadees. Integrative and Comparative Biology, 2015, 55, 354-371.	2.0	23
14	Learning and timeâ€dependent cue choice in the desert ant, Melophorus bagoti. Ethology, 2017, 123, 503-515.	1.1	23
15	Landmark learning, cue conflict, and outbound view sequence in navigating desert ants.. Journal of Experimental Psychology Animal Learning and Cognition, 2018, 44, 409-421.	0.5	22
16	Terrestrial cue learning and retention during the outbound and inbound foraging trip in the desert ant, Cataglyphis velox. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2019, 205, 177-189.	1.6	20
17	The Basis of Navigation Across Species. Annual Review of Psychology, 2022, 73, 217-241.	17.7	20
18	Skyline retention and retroactive interference in the navigating Australian desert ant, Melophorus bagoti. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 353-367.	1.6	19

#	Article	IF	Citations
19	Path integration, views, search, and matched filters: the contributions of RÃ¼diger Wehner to the study of orientation and navigation. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2015, 201, 517-532.	1.6	18
20	Not just going with the flow: foraging ants attend to polarised light even while on the pheromone trail. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2019, 205, 755-767.	1.6	11
21	Same but different: Socially foraging ants backtrack like individually foraging ants but use different mechanisms. Journal of Insect Physiology, 2019, 118, 103944.	2.0	11
22	Panorama similarity and navigational knowledge in the nocturnal bull ant, Myrmicia midas. Journal of Experimental Biology, 2019, 222, .	1.7	11
23	Effect of large visual changes on the navigation of the nocturnal bull ant, Myrmecia midas. Animal Cognition, 2020, 23, 1071-1080.	1.8	11
24	Pheromone cue triggers switch between vectors in the desert harvest ant, Veromessor pergandei. Animal Cognition, 2020, 23, 1087-1105.	1.8	7
25	Neuroecology beyond the brain: learning in Echinodermata. Learning and Behavior, 2022, 50, 20-36.	1.0	7
26	Limits of vector calibration in the Australian desert ant, Melophorus bagoti. Insectes Sociaux, 2018, 65, 141-152.	1.2	6
27	Role of the pheromone for navigation in the group foraging ant, Veromessor pergandei. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2021, 207, 353-367.	1.6	6
28	Aversive view memories and risk perception in navigating ants. Scientific Reports, 2022, 12, 2899.	3.3	4
29	Traveling through light clutter: Path integration and panorama guided navigation in the Sonoran Desert ant, Novomessor cockerelli. Behavioural Processes, 2021, 186, 104373.	1.1	3
30	Arthropod Cognition. , 2018, , 1-11.		1
31	Arthropod Cognition. , 2022, , 415-425.		0