

# Matthew Collett

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11617226/publications.pdf>

Version: 2024-02-01

20  
papers

1,649  
citations

567144

15  
h-index

752573

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

906  
citing authors

#	ARTICLE	IF	CITATIONS
1	How does the insect central complex use mushroom body output for steering?. <i>Current Biology</i> , 2018, 28, R733-R734.	1.8	40
2	Insect Navigation: What Backward Walking Reveals about the Control of Movement. <i>Current Biology</i> , 2017, 27, R141-R144.	1.8	11
3	Route-segment odometry and its interactions with global path-integration. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2015, 201, 617-630.	0.7	9
4	A desert ant's memory of recent visual experience and the control of route guidance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140634.	1.2	19
5	Navigation: Many Senses Make Efficient Foraging Paths. <i>Current Biology</i> , 2014, 24, R362-R364.	1.8	8
6	Spatial Memory in Insect Navigation. <i>Current Biology</i> , 2013, 23, R789-R800.	1.8	276
7	How Navigational Guidance Systems Are Combined in a Desert Ant. <i>Current Biology</i> , 2012, 22, 927-932.	1.8	97
8	Animal Navigation: Following Signposts in the Sea. <i>Current Biology</i> , 2011, 21, R843-R846.	1.8	11
9	How desert ants use a visual landmark for guidance along a habitual route. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11638-11643.	3.3	106
10	The learning and maintenance of local vectors in desert ant navigation. <i>Journal of Experimental Biology</i> , 2009, 212, 895-900.	0.8	43
11	Local and global navigational coordinate systems in desert ants. <i>Journal of Experimental Biology</i> , 2009, 212, 901-905.	0.8	29
12	Spatial memories in insects. <i>Current Biology</i> , 2009, 19, R1103-R1108.	1.8	32
13	Insect Navigation: No Map at the End of the Trail?. <i>Current Biology</i> , 2006, 16, R48-R51.	1.8	28
14	Insect Navigation: Measuring Travel Distance across Ground and through Air. <i>Current Biology</i> , 2006, 16, R887-R890.	1.8	31
15	How do insects represent familiar terrain?. <i>Journal of Physiology (Paris)</i> , 2004, 98, 259-264.	2.1	39
16	Memory use in insect visual navigation. <i>Nature Reviews Neuroscience</i> , 2002, 3, 542-552.	4.9	329
17	The use of landmarks and panoramic context in the performance of local vectors by navigating honeybees. <i>Journal of Experimental Biology</i> , 2002, 205, 807-814.	0.8	104
18	The use of landmarks and panoramic context in the performance of local vectors by navigating honeybees. <i>Journal of Experimental Biology</i> , 2002, 205, 807-14.	0.8	54

#	ARTICLE	IF	CITATIONS
19	How do insects use path integration for their navigation?. <i>Biological Cybernetics</i> , 2000, 83, 245-259.	0.6	273
20	Calibration of vector navigation in desert ants. <i>Current Biology</i> , 1999, 9, 1031-S1.	1.8	110