

Robin Grob

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2440499/publications.pdf>

Version: 2024-02-01

11
papers

296
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	The Geomagnetic Field Is a Compass Cue in Cataglyphis Ant Navigation. <i>Current Biology</i> , 2018, 28, 1440-1444.e2.	3.9	86
2	Species-specific differences in the fine structure of learning walk elements in <i>Cataglyphis</i> ants. <i>Journal of Experimental Biology</i> , 2017, 220, 2426-2435.	1.7	66
3	The Role of Celestial Compass Information in Cataglyphis Ants during Learning Walks and for Neuroplasticity in the Central Complex and Mushroom Bodies. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 226.	2.0	47
4	Magnetoreception in Hymenoptera: importance for navigation. <i>Animal Cognition</i> , 2020, 23, 1051-1061.	1.8	26
5	Learning to navigate – how desert ants calibrate their compass systems. <i>Neuroforum</i> , 2019, 25, 109-120.	0.3	22
6	Johnston's organ and its central projections in <i>Cataglyphis</i> desert ants. <i>Journal of Comparative Neurology</i> , 2021, 529, 2138-2155.	1.6	17
7	Towards a common terminology for arthropod spatial orientation. <i>Ethology Ecology and Evolution</i> , 2021, 33, 338-358.	1.4	14
8	Magnetosensation during re-learning walks in desert ants (<i>Cataglyphis nodus</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2022, 208, 125-133.	1.6	8
9	Rotation of skylight polarization during learning walks is necessary to trigger neuronal plasticity in <i>Cataglyphis</i> ants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212499.	2.6	5
10	Sex-specific and caste-specific brain adaptations related to spatial orientation in <i>Cataglyphis</i> ants. <i>Journal of Comparative Neurology</i> , 2021, 529, 3882-3892.	1.6	3
11	Cover Image, Volume 529, Issue 8. <i>Journal of Comparative Neurology</i> , 2021, 529, C4.	1.6	0