

Takao Sasaki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1400741/publications.pdf>

Version: 2024-02-01

20
papers

621
citations

933264

10
h-index

752573

20
g-index

21
all docs

21
docs citations

21
times ranked

862
citing authors

#	ARTICLE	IF	CITATIONS
1	Cumulative culture can emerge from collective intelligence in animal groups. <i>Nature Communications</i> , 2017, 8, 15049.	5.8	171
2	Bringing a Timeâ€œDepth Perspective to Collective Animal Behaviour. <i>Trends in Ecology and Evolution</i> , 2016, 31, 550-562.	4.2	76
3	The Psychology of Superorganisms: Collective Decision Making by Insect Societies. <i>Annual Review of Entomology</i> , 2018, 63, 259-275.	5.7	66
4	Who needs â€œlazyâ€œ workers? Inactive workers act as a â€œreserveâ€œ labor force replacing active workers, but inactive workers are not replaced when they are removed. <i>PLoS ONE</i> , 2017, 12, e0184074.	1.1	50
5	Deconstructing Superorganisms and Societies to Address Big Questions in Biology. <i>Trends in Ecology and Evolution</i> , 2017, 32, 861-872.	4.2	45
6	Personality and the collective: bold homing pigeons occupy higher leadership ranks in flocks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170038.	1.8	45
7	A context-dependent alarm signal in the ant <i>Temnothorax rugatulus</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 3229-36.	0.8	32
8	The foundressâ€™s dilemma: group selection for cooperation among queens of the harvester ant, <i>Pogonomyrmex californicus</i> . <i>Scientific Reports</i> , 2016, 6, 29828.	1.6	27
9	Head-mounted sensors reveal visual attention of free-flying homing pigeons. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	25
10	Rational time investment during collective decision making in <i>Temnothorax</i> ants. <i>Biology Letters</i> , 2019, 15, 20190542.	1.0	15
11	Functional Heterogeneity in Superorganisms: Emerging Trends and Concepts. <i>Annals of the Entomological Society of America</i> , 2021, 114, 562-574.	1.3	14
12	Division of labour promotes the spread of information in colony emigrations by the ant <i>Temnothorax rugatulus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192950.	1.2	14
13	Route learning during tandem running in the rock ant <i>Temnothorax albipennis</i> . <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	11
14	Scaling of speed with group size in cooperative transport by the ant <i>Novomessor cockerelli</i> . <i>PLoS ONE</i> , 2018, 13, e0205400.	1.1	9
15	Naïve individuals promote collective exploration in homing pigeons. <i>ELife</i> , 2021, 10, .	2.8	8
16	Collective attention in navigating homing pigeons: group size effect and individual differences. <i>Animal Behaviour</i> , 2021, 180, 63-80.	0.8	5
17	Out of sight but not out of mind: memory scanning is attuned to threatening faces. <i>Evolutionary Psychology</i> , 2014, 12, 901-12.	0.6	4
18	Pigeons retain partial memories of homing paths years after learning them individually, collectively or culturally. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212110.	1.2	2

#	ARTICLE	IF	CITATIONS
19	The Effect of Brood Quantity on Nest Site Choice in the <i>Temnothorax rugatulus</i> (Hymenoptera: Tj ETQq1 1 0,784314,rgBT /Oven	1.3	1
20	How to take an ant's pulse: a procedure for non-destructively monitoring baseline and stimulated heart rate in Formicidae. Entomologia Experimentalis Et Applicata, 2021, 169, 807-812.	0.7	1