

Kasper Van Der Vaart

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10934267/publications.pdf>

Version: 2024-02-01

11
papers

300
citations

1039406

9
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Costs and benefits of social relationships in the collective motion of bird flocks. <i>Nature Ecology and Evolution</i> , 2019, 3, 943-948.	3.4	63
2	Behavioural plasticity and the transition to order in jackdaw flocks. <i>Nature Communications</i> , 2019, 10, 5174.	5.8	47
3	Local interactions and their group-level consequences in flocking jackdaws. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190865.	1.2	39
4	Mechanical spectroscopy of insect swarms. <i>Science Advances</i> , 2019, 5, eaaw9305.	4.7	33
5	Collective turns in jackdaw flocks: kinematics and information transfer. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190450.	1.5	26
6	Environmental perturbations induce correlations in midge swarms. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200018.	1.5	25
7	Three-dimensional time-resolved trajectories from laboratory insect swarms. <i>Scientific Data</i> , 2019, 6, .	2.4	25
8	Response of insect swarms to dynamic illumination perturbations. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20180739.	1.5	20
9	An equation of state for insect swarms. <i>Scientific Reports</i> , 2021, 11, 3773.	1.6	14
10	Similarities between insect swarms and isothermal globular clusters. <i>Physical Review Research</i> , 2020, 2, .	1.3	6
11	Pair formation in insect swarms driven by adaptive long-range interactions. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200367.	1.5	2