

# Daniel Strömberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6971709/publications.pdf>

Version: 2024-02-01

16  
papers

510  
citations

933447

10  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attraction vs. Alignment as Drivers of Collective Motion. <i>Frontiers in Applied Mathematics and Statistics</i> , 2022, 7, .	1.3	5
2	Bistability and Switching Behavior in Moving Animal Groups. <i>Northeast Journal of Complex Systems</i> , 2022, 4, .	0.3	1
3	Anticipation Induces Polarized Collective Motion in Attraction Based Models. <i>Northeast Journal of Complex Systems</i> , 2021, 3, .	0.3	4
4	Modeling the life cycle of the spotted lanternfly ( <i>Lycorma delicatula</i> ) with management implications. <i>Mathematical Biosciences</i> , 2021, 340, 108670.	1.9	5
5	Asynchrony induces polarization in attraction-based models of collective motion. <i>Royal Society Open Science</i> , 2019, 6, 190381.	2.4	14
6	Self-organized traffic via priority rules in leaf-cutting ants. <i>PLoS Computational Biology</i> , 2018, 14, e1006523.	3.2	17
7	Robot Collection and Transport of Objects: A Biomimetic Process. <i>Frontiers in Robotics and AI</i> , 2018, 5, 48.	3.2	16
8	Injury-mediated decrease in locomotor performance increases predation risk in schooling fish. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160232.	4.0	28
9	Proto-cooperation: group hunting sailfish improve hunting success by alternating attacks on grouping prey. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161671.	2.6	85
10	The shape and dynamics of local attraction. <i>European Physical Journal: Special Topics</i> , 2015, 224, 3311-3323.	2.6	11
11	Simulating Irrational Human Behavior to Prevent Resource Depletion. <i>PLoS ONE</i> , 2015, 10, e0117612.	2.5	11
12	Solving the shepherding problem: heuristics for herding autonomous, interacting agents. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140719.	3.4	140
13	Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection. <i>PLoS Computational Biology</i> , 2013, 9, e1002961.	3.2	39
14	Prawns and probability. , 2012, , .		0
15	Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection. <i>PLoS Computational Biology</i> , 2012, 8, e1002308.	3.2	10
16	Collective motion from local attraction. <i>Journal of Theoretical Biology</i> , 2011, 283, 145-151.	1.7	123