

Albert B Kao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1548739/publications.pdf>

Version: 2024-02-01

14
papers

1,193
citations

759233

12
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual sensory networks and effective information transfer in animal groups. <i>Current Biology</i> , 2013, 23, R709-R711.	3.9	343
2	Collective animal navigation and migratory culture: from theoretical models to empirical evidence. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170009.	4.0	141
3	Decision accuracy in complex environments is often maximized by small group sizes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133305.	2.6	132
4	Stewardship of global collective behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	129
5	Army ants dynamically adjust living bridges in response to a cost-benefit trade-off. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15113-15118.	7.1	119
6	Neural Circuits Mediate Electrosensory Behavior in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience</i> , 2007, 27, 7586-7596.	3.6	110
7	Collective Learning and Optimal Consensus Decisions in Social Animal Groups. <i>PLoS Computational Biology</i> , 2014, 10, e1003762.	3.2	66
8	Counteracting estimation bias and social influence to improve the wisdom of crowds. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180130.	3.4	42
9	Modular structure within groups causes information loss but can improve decision accuracy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180378.	4.0	30
10	MAPLE (modular automated platform for large-scale experiments), a robot for integrated organism-handling and phenotyping. <i>ELife</i> , 2018, 7, .	6.0	29
11	Fisheries-induced selection against schooling behaviour in marine fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201752.	2.6	16
12	Optimal construction of army ant living bridges. <i>Journal of Theoretical Biology</i> , 2017, 435, 184-198.	1.7	14
13	Individual error correction drives responsive self-assembly of army ant scaffolds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
14	The wisdom of stalemates: consensus and clustering as filtering mechanisms for improving collective accuracy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201802.	2.6	7