Albert B Kao

List of Publications by Year
in descending order

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