

James E Herbert-Read

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,229
citations

331670

21
h-index

243625

44
g-index

51
all docs

51
docs citations

51
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial clustering of trumpetfish shadowing behaviour in the Caribbean Sea revealed by citizen science. <i>Marine Biology</i> , 2022, 169, 1.	1.5	1
2	A global horizon scan of issues impacting marine and coastal biodiversity conservation. <i>Nature Ecology and Evolution</i> , 2022, 6, 1262-1270.	7.8	27
3	A statistical method for identifying different rules of interaction between individuals in moving animal groups. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20200925.	3.4	15
4	Dynamic visual noise promotes social attraction, but does not affect group size preference, in a shoaling fish. <i>Animal Behaviour</i> , 2021, 177, 39-48.	1.9	1
5	The measure of spatial position within groups that best predicts predation risk depends on group movement. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211286.	2.6	8
6	Fish Avoid Visually Noisy Environments Where Prey Targeting Is Reduced. <i>American Naturalist</i> , 2021, 198, 421-432.	2.1	7
7	Quantifying the structure and dynamics of fish shoals under predation threat in three dimensions. <i>Behavioral Ecology</i> , 2020, 31, 311-321.	2.2	42
8	Maternal predation risk increases offspring's exploration but does not affect schooling behavior. <i>Behavioral Ecology</i> , 2020, 31, 1207-1217.	2.2	12
9	Rapid evolution of coordinated and collective movement in response to artificial selection. <i>Science Advances</i> , 2020, 6, .	10.3	25
10	Contrasting stripes are a widespread feature of group living in birds, mammals and fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202021.	2.6	13
11	Information can explain the dynamics of group order in animal collective behaviour. <i>Nature Communications</i> , 2020, 11, 2737.	12.8	44
12	Linking hunting weaponry to attack strategies in sailfish and striped marlin. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192228.	2.6	14
13	Fine-scale behavioural adjustments of prey on a continuum of risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190448.	2.6	11
14	Predators attacking virtual prey reveal the costs and benefits of leadership. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8925-8930.	7.1	54
15	Collective decision-making appears more egalitarian in populations where group fission costs are higher. <i>Biology Letters</i> , 2019, 15, 20190556.	2.3	19
16	Using activity and sociability to characterize collective motion. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170015.	4.0	25
17	Assortative interactions revealed by sorting of animal groups. <i>Animal Behaviour</i> , 2018, 142, 165-179.	1.9	12
18	The Evolution of Lateralization in Group Hunting Sailfish. <i>Current Biology</i> , 2017, 27, 521-526.	3.9	48

#	ARTICLE	IF	CITATIONS
19	Escape path complexity and its context dependency in Pacific blue-eyes (<i>Pseudomugil signifer</i>). <i>Journal of Experimental Biology</i> , 2017, 220, 2076-2081.	1.7	12
20	Anthropogenic noise pollution from pile-driving disrupts the structure and dynamics of fish shoals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171627.	2.6	70
21	Social Behaviour: The Personalities of Groups. <i>Current Biology</i> , 2017, 27, R1015-R1017.	3.9	3
22	How predation shapes the social interaction rules of shoaling fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171126.	2.6	120
23	Local interactions and global properties of wild, free-ranging stickleback shoals. <i>Royal Society Open Science</i> , 2017, 4, 170043.	2.4	30
24	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
25	Body size affects the strength of social interactions and spatial organization of a schooling fish (<i>Pseudomugil signifer</i>). <i>Royal Society Open Science</i> , 2017, 4, 161056.	2.4	28
26	Context-dependent lateralized feeding strategies in blue whales. <i>Current Biology</i> , 2017, 27, R1206-R1208.	3.9	21
27	Paternal personality and social status influence offspring activity in zebrafish. <i>BMC Evolutionary Biology</i> , 2017, 17, 157.	3.2	25
28	Understanding how animal groups achieve coordinated movement. <i>Journal of Experimental Biology</i> , 2016, 219, 2971-2983.	1.7	155
29	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
30	A Turing test for collective motion. <i>Biology Letters</i> , 2015, 11, 20150674.	2.3	10
31	Initiation and spread of escape waves within animal groups. <i>Royal Society Open Science</i> , 2015, 2, 140355.	2.4	91
32	Collective Behaviour: Leadership and Learning in Flocks. <i>Current Biology</i> , 2015, 25, R1127-R1129.	3.9	9
33	Not So Fast: Swimming Behavior of Sailfish during Predator-Prey Interactions using High-Speed Video and Accelerometry. <i>Integrative and Comparative Biology</i> , 2015, 55, 719-727.	2.0	33
34	The Personality Behind Cheating: Behavioural Types and the Feeding Ecology of Cleaner Fish. <i>Ethology</i> , 2014, 120, 904-912.	1.1	18
35	The role of individuality in collective group movement. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122564.	2.6	138
36	Initiators, Leaders, and Recruitment Mechanisms in the Collective Movements of Damselfish. <i>American Naturalist</i> , 2013, 181, 748-760.	2.1	27

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37	Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection. PLoS Computational Biology, 2013, 9, e1002961.	3.2	39
38	Prawns and probability. , 2012, , .		0
39	Consistency of Leadership in Shoals of Mosquitofish (<i>Gambusia holbrooki</i>) in Novel and in Familiar Environments. PLoS ONE, 2012, 7, e36567.	2.5	55
40	Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection. PLoS Computational Biology, 2012, 8, e1002308.	3.2	10
41	Diets and decisions: the potential use of food protein cues in dietary, sexual and social decisions by mosquitofish. Animal Behaviour, 2011, 82, 783-790.	1.9	14
42	Inferring the rules of interaction of shoaling fish. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18726-18731.	7.1	459
43	Fast and accurate decisions through collective vigilance in fish shoals. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2312-2315.	7.1	302
44	Group structure in a restricted entry system is mediated by both resident and joiner preferences. Behavioral Ecology and Sociobiology, 2010, 64, 1099-1106.	1.4	34
45	Sensory ecology in a changing world: salinity alters conspecific recognition in an amphidromous fish, <i>Pseudomugil signifer</i> . Behavioral Ecology and Sociobiology, 2010, 64, 1107-1115.	1.4	21
46	Guppies occupy consistent positions in social networks: mechanisms and consequences. Behavioral Ecology, 0, , arw177.	2.2	8