

Mark Briffa

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

4,385
citations

81900

39
h-index

128289

60
g-index

120
all docs

120
docs citations

120
times ranked

2854
citing authors

#	ARTICLE	IF	CITATIONS
1	Skilful mating? Insights from animal contest research. <i>Animal Behaviour</i> , 2022, 184, 197-207.	1.9	10
2	The angle of attack: rapping technique predicts skill in hermit crab contests. <i>Animal Behaviour</i> , 2022, 187, 55-61.	1.9	9
3	Male song stability shows cross-year repeatability but does not affect reproductive success in a wild passerine bird. <i>Journal of Animal Ecology</i> , 2022, 91, 1507-1520.	2.8	4
4	When should we ascribe sentience to animals? A commentary on "Hermit crabs, shells and sentience" (Elwood 2022). <i>Animal Cognition</i> , 2022, 25, 1375-1380.	1.8	2
5	Beyond spider personality: The relationships between behavioral, physiological, and environmental factors. <i>Ecology and Evolution</i> , 2021, 11, 2974-2989.	1.9	8
6	Microplastic exposure increases predictability of predator avoidance strategies in hermit crabs. <i>Journal of Hazardous Materials Letters</i> , 2020, 1, 100005.	3.6	15
7	Evidence of fostering in an internally brooding sea anemone. <i>Ethology</i> , 2020, 126, 1141-1147.	1.1	0
8	The role of spatial accuracy and precision in hermit crab contests. <i>Animal Behaviour</i> , 2020, 167, 111-118.	1.9	23
9	Using ternary plots to investigate continuous variation in animal contest strategies. <i>Animal Behaviour</i> , 2020, 167, 85-99.	1.9	8
10	Analysis of direct and indirect genetic effects in fighting sea anemones. <i>Behavioral Ecology</i> , 2020, 31, 540-547.	2.2	11
11	Clam feeding plasticity reduces herbivore vulnerability to ocean warming and acidification. <i>Nature Climate Change</i> , 2020, 10, 162-166.	18.8	16
12	Perceived and actual fighting ability: determinants of success by decision, knockout or submission in human combat sports. <i>Biology Letters</i> , 2020, 16, 20200443.	2.3	10
13	Signals in Conflict Resolution: Conventional Signals, Aggression and Territoriality. , 2019, , 531-538.		0
14	The point of the triangle and utility of repeated measures: a response to comments on Chapin et al. <i>Behavioral Ecology</i> , 2019, 30, 1191-1192.	2.2	1
15	Further mismeasures of animal contests: a new framework for assessment strategies. <i>Behavioral Ecology</i> , 2019, 30, 1177-1185.	2.2	38
16	Distracted decision makers: ship noise and predation risk change shell choice in hermit crabs. <i>Behavioral Ecology</i> , 2019, 30, 1157-1167.	2.2	18
17	Fear alone reduces energy processing by resident "keystone" prey threatened by an invader; a non-consumptive effect of "killer shrimp" invasion of freshwater ecosystems is revealed. <i>Acta Oecologica</i> , 2019, 98, 1-5.	1.1	1
18	Anthropogenic noise pollution reverses grouping behaviour in hermit crabs. <i>Animal Behaviour</i> , 2019, 151, 113-120.	1.9	26

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19	Immune function and the decision to deploy weapons during fights in the beadlet anemone <i>Actinia equina</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	6
20	How does the environment affect fighting? The interaction between extrinsic fighting ability and resource value during contests. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	17
21	The price of attack: rethinking damage costs in animal contests. <i>Animal Behaviour</i> , 2017, 126, 23-29.	1.9	48
22	Motor pattern during fights in the hermit crab <i>Pagurus bernhardus</i> : evidence for the role of skill in animal contests. <i>Animal Behaviour</i> , 2017, 128, 13-20.	1.9	20
23	How do anthropogenic contaminants (ACs) affect behaviour? Multi-level analysis of the effects of copper on boldness in hermit crabs. <i>Oecologia</i> , 2017, 183, 391-400.	2.0	17
24	Abandoning animal personality would cause obfuscation: a comment on Beekman and Jordan. <i>Behavioral Ecology</i> , 2017, 28, 625-626.	2.2	5
25	How does environment influence fighting? The effects of tidal flow on resource value and fighting costs in sea anemones. <i>Biology Letters</i> , 2017, 13, 20170011.	2.3	14
26	Does repeatable behaviour in the laboratory represent behaviour under natural conditions? A formal comparison in sea anemones. <i>Animal Behaviour</i> , 2017, 123, 197-206.	1.9	21
27	Weaponry and defenses in fighting animals: how allometry can alter predictions from contest theory. <i>Behavioral Ecology</i> , 2017, 28, 328-336.	2.2	37
28	The role of skill in animal contests: a neglected component of fighting ability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171596.	2.6	52
29	Boldness is for rookies: preflight boldness and fighting success in a sea anemone. <i>Animal Behaviour</i> , 2017, 132, 13-20.	1.9	8
30	Physiological responses to ocean acidification and warming synergistically reduce condition of the common cockle <i>Cerastoderma edule</i> . <i>Marine Environmental Research</i> , 2017, 130, 38-47.	2.5	39
31	The opposite effects of routine metabolic rate and metabolic rate during startle responses on variation in the predictability of behaviour in hermit crabs. <i>Behaviour</i> , 2016, 153, 1545-1566.	0.8	17
32	Review on behavioral impacts of aquatic noise on crustaceans. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	15
33	Weak rappers rock more: hermit crabs assess their own agonistic behaviour. <i>Biology Letters</i> , 2016, 12, 20150884.	2.3	19
34	Proximate mechanisms of animal personality among-individual behavioural variation in animals. <i>Behaviour</i> , 2016, 153, 1509-1515.	0.8	14
35	Responses to threat in a freshwater invader: longitudinal data reveal personality, habituation, and robustness to changing water temperatures in the 'killer shrimp' <i>Dikerogammarus villosus</i> (Crustacea: Amphipoda). <i>Environmental Epigenetics</i> , 2016, 62, 45-51.	1.8	7
36	Individual quality and personality: bolder males are less fecund in the hermit crab <i>Pagurus bernhardus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142492.	2.6	51

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37	Animal personality as a cause and consequence of contest behaviour. <i>Biology Letters</i> , 2015, 11, 20141007.	2.3	99
38	Parasites and personality in periwinkles (<i>Littorina littorea</i>): Infection status is associated with mean-level boldness but not repeatability. <i>Behavioural Processes</i> , 2015, 115, 132-134.	1.1	23
39	Exaggerated displays do not improve mounting success in male seaweed flies <i>Fucellia tergina</i> (Diptera: Tj ETQq1 1_0,784314,rgBT /O	1.1	2
40	Testing for sub-colony variation in seabird foraging behaviour: ecological and methodological consequences for understanding colonial living. <i>Marine Ecology - Progress Series</i> , 2014, 498, 275-285.	1.9	12
41	Familial strife on the seashore: Aggression increases with relatedness in the sea anemone <i>Actinia equina</i> . <i>Behavioural Processes</i> , 2014, 103, 243-245.	1.1	15
42	Boldness and asymmetric contests: role- and outcome-dependent effects of fighting in hermit crabs. <i>Behavioral Ecology</i> , 2014, 25, 1073-1082.	2.2	24
43	What Determines the Duration of War? Insights from Assessment Strategies in Animal Contests. <i>PLoS ONE</i> , 2014, 9, e108491.	2.5	17
44	Plastic proteans: reduced predictability in the face of predation risk in hermit crabs. <i>Biology Letters</i> , 2013, 9, 20130592.	2.3	86
45	Asymmetric effects of contaminant exposure during asymmetric contests in the hermit crab <i>Pagurus bernhardus</i> . <i>Animal Behaviour</i> , 2013, 86, 773-781.	1.9	7
46	The Influence of Personality on a Group-Level Process: Shy Hermit Crabs Make Longer Vacancy Chains. <i>Ethology</i> , 2013, 119, 1014-1023.	1.1	9
47	How does temperature affect behaviour? Multilevel analysis of plasticity, personality and predictability in hermit crabs. <i>Animal Behaviour</i> , 2013, 86, 47-54.	1.9	141
48	Introduction to animal contests. , 2013, , 1-4.		18
49	Dyadic contests: modelling fights between two individuals. , 2013, , 5-32.		51
50	Models of group or multi-party contests. , 2013, , 33-46.		13
51	Analysis of animal contest data. , 2013, , 47-85.		40
52	Contests in crustaceans: assessments, decisions and their underlying mechanisms. , 2013, , 86-112.		14
53	Aggression in spiders. , 2013, , 113-133.		12
54	Contests in amphibians. , 2013, , 228-257.		21

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55	Contest behaviour in ungulates. , 2013, , 304-320.		14
56	Prospects for animal contests. , 2013, , 335-341.		2
57	Is boldness a resource-holding potential trait? Fighting prowess and changes in startle response in the sea anemone, <i>Actinia equina</i> . Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1904-1910.	2.6	67
58	Forewarned is forearmed: early signals of RHP predict opponent fatigue in hermit crab shell fights. Behavioral Ecology, 2012, 23, 1324-1329.	2.2	15
59	Consistent crustaceans: the identification of stable behavioural syndromes in hermit crabs. Behavioral Ecology and Sociobiology, 2012, 66, 1087-1094.	1.4	50
60	Size distribution and battles in wood ants: group resource-holding potential is the sum of the individual parts. Animal Behaviour, 2012, 83, 111-117.	1.9	28
61	Unpredictable animals: individual differences in intraindividual variability (IIV). Animal Behaviour, 2012, 83, 1325-1334.	1.9	250
62	High CO2 and marine animal behaviour: Potential mechanisms and ecological consequences. Marine Pollution Bulletin, 2012, 64, 1519-1528.	5.0	175
63	Reduced pH sea water disrupts chemo-responsive behaviour in an intertidal crustacean. Journal of Experimental Marine Biology and Ecology, 2012, 412, 134-140.	1.5	105
64	Direct and indirect effects of species displacements: an invading freshwater amphipod can disrupt leaf-litter processing and shredder efficiency. Journal of the North American Benthological Society, 2011, 30, 38-48.	3.1	52
65	The logical polyp: assessments and decisions during contests in the beadlet anemone <i>Actinia equina</i> . Behavioral Ecology, 2011, 22, 1278-1285.	2.2	43
66	High In Situ Repeatability of Behaviour Indicates Animal Personality in the Beadlet Anemone <i>Actinia equina</i> (Cnidaria). PLoS ONE, 2011, 6, e21963.	2.5	63
67	Reduced sea water pH disrupts resource assessment and decision making in the hermit crab <i>Pagurus bernhardus</i> . Animal Behaviour, 2011, 82, 495-501.	1.9	101
68	Fight tactics in wood ants: individuals in smaller groups fight harder but die faster. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3243-3250.	2.6	50
69	Flexing the abdominals: do bigger muscles make better fighters?. Biology Letters, 2011, 7, 358-360.	2.3	12
70	Do I stand out or blend in? Conspicuousness awareness and consistent behavioural differences in hermit crabs. Biology Letters, 2011, 7, 330-332.	2.3	43
71	An appraisal of a biocontamination assessment method for freshwater macroinvertebrate assemblages; a practical way to measure a significant biological pressure?. Hydrobiologia, 2010, 638, 151-159.	2.0	18
72	Whole-organism performance capacity predicts resource-holding potential in the hermit crab <i>Pagurus bernhardus</i> . Animal Behaviour, 2010, 80, 277-282.	1.9	41

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73	Influences on resource-holding potential during dangerous group contests between wood ants. <i>Animal Behaviour</i> , 2010, 80, 443-449.	1.9	29
74	Repeated measures analysis of contests and other dyadic interactions: problems of semantics, not statistical validity. <i>Animal Behaviour</i> , 2010, 80, 583-588.	1.9	54
75	Animal personality. <i>Current Biology</i> , 2010, 20, R912-R914.	3.9	68
76	Difficulties remain in distinguishing between mutual and self-assessment in animal contests. <i>Animal Behaviour</i> , 2009, 77, 759-762.	1.9	98
77	Aerobic capacity influences giving-up decisions in fighting hermit crabs: does stamina constrain contests?. <i>Animal Behaviour</i> , 2009, 78, 735-740.	1.9	30
78	Replacement of a native freshwater macroinvertebrate species by an invader: implications for biological water quality monitoring. <i>Hydrobiologia</i> , 2009, 635, 321-327.	2.0	17
79	Effects of Predation Threat on the Structure and Benefits from Vacancy Chains in the Hermit Crab <i>Pagurus bernhardus</i> . <i>Ethology</i> , 2009, 115, 1029-1035.	1.1	12
80	Effects of shell size on behavioural consistency and flexibility in hermit crabs. <i>Canadian Journal of Zoology</i> , 2009, 87, 597-603.	1.0	27
81	The Role of Circulating Metal Ions During Shell Fights in the Hermit Crab <i>Pagurus bernhardus</i> . <i>Ethology</i> , 2008, 114, 1014-1022.	1.1	7
82	Decisions during fights in the house cricket, <i>Acheta domesticus</i> : mutual or self assessment of energy, weapons and size?. <i>Animal Behaviour</i> , 2008, 75, 1053-1062.	1.9	96
83	Hermit crabs. <i>Current Biology</i> , 2008, 18, R144-R146.	3.9	10
84	Behavioural colour change in the hermit crab <i>Pagurus bernhardus</i> : reduced crypticity when the threat of predation is high. <i>Behaviour</i> , 2008, 145, 915-929.	0.8	21
85	Comparing the strength of behavioural plasticity and consistency across situations: animal personalities in the hermit crab <i>Pagurus bernhardus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1305-1311.	2.6	179
86	Physiological constraints on contest behaviour. <i>Functional Ecology</i> , 2007, 21, 627-637.	3.6	266
87	Monoamines and decision making during contests in the hermit crab <i>Pagurus bernhardus</i> . <i>Animal Behaviour</i> , 2007, 73, 605-612.	1.9	51
88	Inter-sexual contests in the hermit crab <i>Pagurus bernhardus</i> : females fight harder but males win more encounters. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1781-1787.	1.4	50
89	Signal residuals during shell fighting in hermit crabs: can costly signals be used deceptively?. <i>Behavioral Ecology</i> , 2006, 17, 510-514.	2.2	16
90	Honest and dishonest displays, motivational state and subsequent decisions in hermit crab shell fights. <i>Animal Behaviour</i> , 2006, 72, 853-859.	1.9	53

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91	Use of chemical cues during shell fights in the hermit crab <i>Pagurus bernhardus</i> . <i>Behaviour</i> , 2006, 143, 1281-1290.	0.8	19
92	Rapid change in energy status in fighting animals: causes and effects of strategic decisions. <i>Animal Behaviour</i> , 2005, 70, 119-124.	1.9	68
93	Metabolic consequences of shell choice in <i>Pagurus bernhardus</i> : do hermit crabs prefer cryptic or portable shells?. <i>Behavioral Ecology and Sociobiology</i> , 2005, 59, 143-148.	1.4	32
94	Use of energy reserves in fighting hermit crabs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 373-379.	2.6	140
95	The replacement of a native freshwater amphipod by an invader: roles for environmental degradation and intraguild predation. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2004, 61, 1627-1635.	1.4	49
96	Seasonal patterns in activity and habitat use by bats (<i>Pipistrellus</i> spp. and <i>Nyctalus leisleri</i>) in Northern Ireland, determined using a driven transect. <i>Journal of Zoology</i> , 2003, 259, 289-299.	1.7	56
97	An acanthocephalan parasite mediates intraguild predation between invasive and native freshwater amphipods (Crustacea). <i>Freshwater Biology</i> , 2003, 48, 2085-2093.	2.4	40
98	Analysis of multiple aspects of a repeated signal: power and rate of rapping during shell fights in hermit crabs. <i>Behavioral Ecology</i> , 2003, 14, 74-79.	2.2	47
99	Power of shell rapping signals influences physiological costs and subsequent decisions during hermit crab fights. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2331-2336.	2.6	79
100	Decision rules, energy metabolism and vigour of hermit crab fights. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1841-1848.	2.6	109
101	Motivational change during shell fights in the hermit crab <i>Pagurus bernhardus</i> . <i>Animal Behaviour</i> , 2001, 62, 505-510.	1.9	58
102	Information gathering and communication during agonistic encounters: A case study of hermit crabs. <i>Advances in the Study of Behavior</i> , 2001, , 53-97.	1.6	42
103	Analysis of the finescale timing of repeated signals: does shell rapping in hermit crabs signal stamina?. <i>Animal Behaviour</i> , 2000, 59, 159-165.	1.9	45
104	The power of shell rapping influences rates of eviction in hermit crabs. <i>Behavioral Ecology</i> , 2000, 11, 288-293.	2.2	59
105	Cumulative or sequential assessment during hermit crab shell fights: effects of oxygen on decision rules. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2445-2452.	2.6	51
106	Contest behaviour in fishes. , 0, , 199-227.		9
107	Human contests: evolutionary theory and the analysis of interstate war. , 0, , 321-334.		0