

Andrew D Higginson

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,159
citations

516710

16
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

1638
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporating thermodynamics in predator-prey games predicts the diel foraging patterns of poikilothermic predators. <i>Journal of Animal Ecology</i> , 2022, 91, 527-539.	2.8	5
2	Incorporating effects of age on energy dynamics predicts nonlinear maternal allocation patterns in iteroparous animals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211884.	2.6	8
3	Calculating Starvation Risk. , 2021, , 862-865.		0
4	Body Reserves and Food Storage. , 2021, , 685-692.		0
5	Body Reserves and Food Storage. , 2020, , 1-8.		0
6	Calculating Starvation Risk. , 2020, , 1-4.		0
7	Altruism in a volatile world. <i>Nature</i> , 2018, 555, 359-362.	27.8	41
8	Trust your gut: using physiological states as a source of information is almost as effective as optimal Bayesian learning. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172411.	2.6	18
9	Conflict over non-partitioned resources may explain between-species differences in declines: the anthropogenic competition hypothesis. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 99.	1.4	15
10	Towards a behavioural ecology of obesity. <i>Behavioral and Brain Sciences</i> , 2017, 40, e118.	0.7	1
11	The Impact of Detoxification Costs and Predation Risk on Foraging: Implications for Mimicry Dynamics. <i>PLoS ONE</i> , 2017, 12, e0169043.	2.5	6
12	Adaptive and non-adaptive models of depression: A comparison using register data on antidepressant medication during divorce. <i>PLoS ONE</i> , 2017, 12, e0179495.	2.5	9
13	Comment on "Are physicists afraid of mathematics?". <i>New Journal of Physics</i> , 2016, 18, 118003.	2.9	1
14	An adaptive response to uncertainty can lead to weight gain during dieting attempts. <i>Evolution, Medicine and Public Health</i> , 2016, 2016, 369-380.	2.5	12
15	The influence of the starvation-predation tradeoff on the relationship between ambient temperature and body size among endotherms. <i>Journal of Biogeography</i> , 2016, 43, 809-819.	3.0	18
16	Adaptive Use of Information during Growth Can Explain Long-Term Effects of Early Life Experiences. <i>American Naturalist</i> , 2016, 187, 620-632.	2.1	70
17	Fatness and fitness: exposing the logic of evolutionary explanations for obesity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152443.	2.6	31
18	Current Incentives for Scientists Lead to Underpowered Studies with Erroneous Conclusions. <i>PLoS Biology</i> , 2016, 14, e2000995.	5.6	125

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19	Evolution of a flexible rule for foraging that copes with environmental variation. <i>Environmental Epigenetics</i> , 2015, 61, 303-312.	1.8	30
20	Adaptive learning can result in a failure to profit from good conditions: implications for understanding depression. <i>Evolution, Medicine and Public Health</i> , 2015, 2015, 123-135.	2.5	22
21	The influence of the food-predation trade-off on the foraging behaviour of central-place foragers. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 551-561.	1.4	10
22	Foraging mode switching: the importance of prey distribution and foraging currency. <i>Animal Behaviour</i> , 2015, 105, 121-137.	1.9	34
23	Florivory as an Opportunity Benefit of Aposematism. <i>American Naturalist</i> , 2015, 186, 728-741.	2.1	9
24	Costs of Foraging Predispose Animals to Obesity-Related Mortality when Food Is Constantly Abundant. <i>PLoS ONE</i> , 2015, 10, e0141811.	2.5	11
25	The evolution of decision rules in complex environments. <i>Trends in Cognitive Sciences</i> , 2014, 18, 153-161.	7.8	196
26	The starvation-predation trade-off shapes the strategic use of protein for energy during fasting. <i>Journal of Theoretical Biology</i> , 2014, 359, 208-219.	1.7	39
27	Generalized Optimal Risk Allocation: Foraging and Antipredator Behavior in a Fluctuating Environment. <i>American Naturalist</i> , 2012, 180, 589-603.	2.1	59
28	Is optimism optimal? Functional causes of apparent behavioural biases. <i>Behavioural Processes</i> , 2012, 89, 172-178.	1.1	18
29	The Starvation-Predation Trade-Off Predicts Trends in Body Size, Muscularity, and Adiposity between and within Taxa. <i>American Naturalist</i> , 2012, 179, 338-350.	2.1	71
30	Heavy use of equations impedes communication among biologists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11735-11739.	7.1	91
31	Effects of anti-predator defence through toxin sequestration on use of alternative food microhabitats by small herbivores. <i>Journal of Theoretical Biology</i> , 2012, 300, 368-375.	1.7	2
32	Masquerade is associated with polyphagy and larval overwintering in Lepidoptera. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 90-103.	1.6	10
33	Optimal foraging for multiple nutrients in an unpredictable environment. <i>Ecology Letters</i> , 2011, 14, 1101-1107.	6.4	33
34	Growth and reproductive costs of larval defence in the aposematic lepidopteran <i>Pieris brassicae</i> . <i>Journal of Animal Ecology</i> , 2011, 80, 384-392.	2.8	40
35	The impact of flower-dwelling predators on host plant reproductive success. <i>Oecologia</i> , 2010, 164, 411-421.	2.0	12
36	Optimal investment across different aspects of anti-predator defences. <i>Journal of Theoretical Biology</i> , 2010, 263, 579-586.	1.7	17

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37	Dynamic models allowing for flexibility in complex life histories accurately predict timing of metamorphosis and antipredator strategies of prey. <i>Functional Ecology</i> , 2009, 23, 1103-1113.	3.6	12
38	Morphological correlates of nectar production used by honeybees. <i>Ecological Entomology</i> , 2006, 31, 269-276.	2.2	18
39	The effects of predation risk from crab spiders on bee foraging behavior. <i>Behavioral Ecology</i> , 2006, 17, 933-939.	2.2	64