

# Tim W Fawcett

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

2,388  
citations

201674

27  
h-index

233421

45  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Covariation between personalities and individual differences in coping with stress: Converging evidence and hypotheses. <i>Environmental Epigenetics</i> , 2010, 56, 728-740.	1.8	205
2	Exposing the behavioral gambit: the evolution of learning and decision rules. <i>Behavioral Ecology</i> , 2013, 24, 2-11.	2.2	197
3	The evolution of decision rules in complex environments. <i>Trends in Cognitive Sciences</i> , 2014, 18, 153-161.	7.8	196
4	Adaptive explanations for sensitive windows in development. <i>Frontiers in Zoology</i> , 2015, 12, S3.	2.0	161
5	Mate choice for cognitive traits: a review of the evidence in nonhuman vertebrates. <i>Behavioral Ecology</i> , 2011, 22, 447-459.	2.2	141
6	Mate choice in the face of costly competition. <i>Behavioral Ecology</i> , 2003, 14, 771-779.	2.2	135
7	When is it adaptive to be patient? A general framework for evaluating delayed rewards. <i>Behavioural Processes</i> , 2012, 89, 128-136.	1.1	126
8	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
9	Optimal assessment of multiple cues. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1637-1643.	2.6	86
10	An Adaptive Response to Uncertainty Generates Positive and Negative Contrast Effects. <i>Science</i> , 2013, 340, 1084-1086.	12.6	83
11	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
12	Learning your own strength: winner and loser effects should change with age and experience. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1427-1434.	2.6	65
13	A test of imitative learning in starlings using a two-action method with an enhanced ghost control. <i>Animal Behaviour</i> , 2002, 64, 547-556.	1.9	59
14	Generalized Optimal Risk Allocation: Foraging and Antipredator Behavior in a Fluctuating Environment. <i>American Naturalist</i> , 2012, 180, 589-603.	2.1	59
15	Towards an Evolutionary Theory of Stress Responses. <i>Trends in Ecology and Evolution</i> , 2021, 36, 39-48.	8.7	58
16	Men with elevated testosterone levels show more affiliative behaviours during interactions with women. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 202-208.	2.6	55
17	Estimating group size and population density of Eurasian badgers <i>Meles meles</i> by quantifying latrine use. <i>Journal of Applied Ecology</i> , 2001, 38, 1114-1121.	4.0	53
18	Sexual Selection: Copycat Mating in Birds. <i>Current Biology</i> , 2005, 15, R626-R628.	3.9	52

#	ARTICLE	IF	CITATIONS
19	Assessments of fighting ability need not be cognitively complex. <i>Animal Behaviour</i> , 2013, 86, e1-e7.	1.9	47
20	Previous experiences shape adaptive mate preferences. <i>Behavioral Ecology</i> , 2009, 20, 68-78.	2.2	42
21	Should attractive males have more sons?. <i>Behavioral Ecology</i> , 2007, 18, 71-80.	2.2	41
22	Conflict between Groups Promotes Later Defense of a Critical Resource in a Cooperatively Breeding Bird. <i>Current Biology</i> , 2014, 24, 2935-2939.	3.9	32
23	Individual variation and the resolution of conflict over parental care in penduline tits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1927-1936.	2.6	30
24	Evolution of a flexible rule for foraging that copes with environmental variation. <i>Environmental Epigenetics</i> , 2015, 61, 303-312.	1.8	30
25	Sex-ratio biasing towards daughters among lower-ranking co-wives in Rwanda. <i>Biology Letters</i> , 2009, 5, 765-768.	2.3	29
26	Sex-ratio control erodes sexual selection, revealing evolutionary feedback from adaptive plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15925-15930.	7.1	29
27	The evolution of parent-offspring conflict over mate choice. <i>Evolution and Human Behavior</i> , 2013, 34, 405-411.	2.2	29
28	Are high-quality mates always attractive? State-dependent mate preferences in birds and humans. <i>Communicative and Integrative Biology</i> , 2010, 3, 271-273.	1.4	28
29	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
30	Clarifying the relationship between prospect theory and risk-sensitive foraging theory. <i>Evolution and Human Behavior</i> , 2014, 35, 502-507.	2.2	21
31	Risk attitudes in a changing environment: An evolutionary model of the fourfold pattern of risk preferences.. <i>Psychological Review</i> , 2015, 122, 364-375.	3.8	20
32	Is optimism optimal? Functional causes of apparent behavioural biases. <i>Behavioural Processes</i> , 2012, 89, 172-178.	1.1	18
33	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
34	The coevolution of juvenile play-fighting and adult competition. <i>Ethology</i> , 2018, 124, 290-301.	1.1	12
35	Hot-headed peckers: thermographic changes during aggression among juvenile pheasants ( <i>Phasianus</i> ) Tj ETQq1 1 0.784314 rgBT /Over 20200442.	4.0	10
36	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

#	ARTICLE	IF	CITATIONS
37	The Evolution of Mechanisms Underlying Behaviour. <i>Environmental Epigenetics</i> , 2015, 61, 221-225.	1.8	8
38	COMPARING PLEASURE AND PAIN: THE FUNDAMENTAL MATHEMATICAL EQUIVALENCE OF REWARD GAIN AND SHOCK REDUCTION UNDER VARIABLE INTERVAL SCHEDULES. <i>Journal of the Experimental Analysis of Behavior</i> , 2012, 98, 355-367.	1.1	5
39	Intergenerational conflict over grandparental investment. <i>Behavioral and Brain Sciences</i> , 2010, 33, 23-24.	0.7	4
40	Female assessment: cheap tricks or costly calculations?. <i>Behavioral Ecology</i> , 2011, 22, 462-463.	2.2	3
41	Reply to Chitnis and Smith, Fernandes, Gibbons, and Kane: Communicating theory effectively requires more explanation, not fewer equations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, .	7.1	3
42	Attractiveness is positively related to World Cup performance in male, but not female, biathletes. <i>Behavioral Ecology</i> , 2019, 30, 1436-1442.	2.2	3
43	Negotiating a stable solution for vigilance behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3633-3634.	2.6	1
44	Conflict over resources generates conflict over mate choice: reply to Smaldino and Newson. <i>Evolution and Human Behavior</i> , 2014, 35, 157-159.	2.2	1
45	Comment on "Are physicists afraid of mathematics?". <i>New Journal of Physics</i> , 2016, 18, 118003.	2.9	1
46	We can study how mechanisms evolve without knowing the rules of chess or the workings of the brain. <i>Behavioral Ecology</i> , 2013, 24, 14-15.	2.2	0