

Adam D Hayward

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,370
citations

361413

20
h-index

395702

33
g-index

43
all docs

43
docs citations

43
times ranked

1600
citing authors

#	ARTICLE	IF	CITATIONS
1	Fitness Correlates of Heritable Variation in Antibody Responsiveness in a Wild Mammal. <i>Science</i> , 2010, 330, 662-665.	12.6	182
2	Influence of early-life nutrition on mortality and reproductive success during a subsequent famine in a preindustrial population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13886-13891.	7.1	115
3	Natural Selection on Individual Variation in Tolerance of Gastrointestinal Nematode Infection. <i>PLoS Biology</i> , 2014, 12, e1001917.	5.6	104
4	Asynchrony of senescence among phenotypic traits in a wild mammal population. <i>Experimental Gerontology</i> , 2015, 71, 56-68.	2.8	92
5	Reproductive senescence in female Soay sheep: variation across traits and contributions of individual ageing and selective disappearance. <i>Functional Ecology</i> , 2013, 27, 184-195.	3.6	82
6	Ageing in a variable habitat: environmental stress affects senescence in parasite resistance in St Kilda Soay sheep. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3477-3485.	2.6	77
7	Early reproductive investment, senescence and lifetime reproductive success in female African elephants. <i>Journal of Evolutionary Biology</i> , 2014, 27, 772-783.	1.7	72
8	Heritable, Heterogeneous, and Costly Resistance of Sheep against Nematodes and Potential Feedbacks to Epidemiological Dynamics. <i>American Naturalist</i> , 2014, 184, S58-S76.	2.1	60
9	Elephants born in the high stress season have faster reproductive ageing. <i>Scientific Reports</i> , 2015, 5, 13946.	3.3	49
10	Natural selection on a measure of parasite resistance varies across ages and environmental conditions in a wild mammal. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1664-1676.	1.7	44
11	Testing the evolutionary basis of the predictive adaptive response hypothesis in a preindustrial human population. <i>Evolution, Medicine and Public Health</i> , 2013, 2013, 106-117.	2.5	42
12	Detecting genes for variation in parasite burden and immunological traits in a wild population: testing the candidate gene approach. <i>Molecular Ecology</i> , 2013, 22, 757-773.	3.9	39
13	Effects of the demographic transition on the genetic variances and covariances of human life-history traits. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 747-755.	2.3	39
14	Parasite-associated mortality in a long-lived mammal: Variation with host age, sex, and reproduction. <i>Ecology and Evolution</i> , 2017, 7, 10904-10915.	1.9	38
15	Causes and consequences of intra- and inter-host heterogeneity in defence against nematodes. <i>Parasite Immunology</i> , 2013, 35, 362-373.	1.5	36
16	Survival costs of reproduction are mediated by parasite infection in wild Soay sheep. <i>Ecology Letters</i> , 2019, 22, 1203-1213.	6.4	30
17	Early-life reproduction is associated with increased mortality risk but enhanced lifetime fitness in pre-industrial humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20143053.	2.6	29
18	The influence of liver fluke infection on production in sheep and cattle: a meta-analysis. <i>International Journal for Parasitology</i> , 2021, 51, 913-924.	3.1	28

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19	Food and fitness: associations between crop yields and life-history traits in a longitudinally monitored pre-industrial human population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4165-4173.	2.6	27
20	Evidence for Selection-by-Environment but Not Genotype-by-Environment Interactions for Fitness-Related Traits in a Wild Mammal Population. <i>Genetics</i> , 2018, 208, 349-364.	2.9	27
21	A standardised faecal collection protocol for intestinal helminth egg counts in Asian elephants, <i>Elephas maximus</i> . <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2015, 4, 307-315.	1.5	21
22	Early-life disease exposure and associations with adult survival, cause of death, and reproductive success in preindustrial humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8951-8956.	7.1	19
23	Maternal effects and early-life performance are associated with parasite resistance across life in free-living Soay sheep. <i>Parasitology</i> , 2010, 137, 1261-1273.	1.5	17
24	Sex differences in adult mortality rate mediated by early-life environmental conditions. <i>Ecology Letters</i> , 2018, 21, 235-242.	6.4	17
25	Fitness Consequences of Advanced Ancestral Age over Three Generations in Humans. <i>PLoS ONE</i> , 2015, 10, e0128197.	2.5	11
26	Early-life environment and differences in costs of reproduction in a preindustrial human population. <i>PLoS ONE</i> , 2018, 13, e0207236.	2.5	11
27	Reproductive effort influences intra-seasonal variation in parasite-specific antibody responses in wild Soay sheep. <i>Functional Ecology</i> , 2019, 33, 1307-1320.	3.6	10
28	Liver fluke in beef cattle – Impact on production efficiency and associated greenhouse gas emissions estimated using causal inference methods. <i>Preventive Veterinary Medicine</i> , 2022, 200, 105579.	1.9	10
29	The effect of socio-economic status and food availability on first birth interval in a pre-industrial human population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132319.	2.6	9
30	Maternally derived anti-helminth antibodies predict offspring survival in a wild mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201931.	2.6	9
31	Functionally distinct T-helper cell phenotypes predict resistance to different types of parasites in a wild mammal. <i>Scientific Reports</i> , 2022, 12, 3197.	3.3	6
32	Longitudinal dynamics of co-infecting gastrointestinal parasites in a wild sheep population. <i>Parasitology</i> , 2022, , 1-39.	1.5	5
33	Life-History Evolution, <i>Human</i> . , 2016, , 328-334.		4
34	Longitudinal dynamics of co-infecting gastrointestinal parasites in a wild sheep population – CORRIGENDUM. <i>Parasitology</i> , 2022, 149, 863-864.	1.5	3
35	The cost of host genetic resistance on body condition: evidence from divergently selected sheep. <i>Evolutionary Applications</i> , 0, , .	3.1	2
36	From population to individual host scale and back again: testing theories of infection and defence in the Soay sheep of St Kilda. , 2019, , 91-128.		1