

# Craig A Walling

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,385  
citations

304743

22  
h-index

302126

39  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3259  
citing authors

#	ARTICLE	IF	CITATIONS
1	An ecologist's guide to the animal model. <i>Journal of Animal Ecology</i> , 2010, 79, 13-26.	2.8	849
2	The relationship between telomere length and mortality risk in non-model vertebrate systems: a meta-analysis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160447.	4.0	194
3	Comparing parentage inference software: reanalysis of a red deer pedigree. <i>Molecular Ecology</i> , 2010, 19, 1914-1928.	3.9	98
4	Do female association preferences predict the likelihood of reproduction?. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 541-548.	1.4	85
5	The quantitative genetics of sex differences in parenting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18430-18435.	7.1	83
6	Inbreeding and inbreeding depression of early life traits in a cooperative mammal. <i>Molecular Ecology</i> , 2012, 21, 2788-2804.	3.9	71
7	Inbreeding depression in red deer calves. <i>BMC Evolutionary Biology</i> , 2011, 11, 318.	3.2	69
8	SHARED SPATIAL EFFECTS ON QUANTITATIVE GENETIC PARAMETERS: ACCOUNTING FOR SPATIAL AUTOCORRELATION AND HOME RANGE OVERLAP REDUCES ESTIMATES OF HERITABILITY IN WILD RED DEER. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2411-2426.	2.3	69
9	Dietary restriction and insulin-like signalling pathways as adaptive plasticity: A synthesis and re-evaluation. <i>Functional Ecology</i> , 2020, 34, 107-128.	3.6	69
10	Global phenological insensitivity to shifting ocean temperatures among seabirds. <i>Nature Climate Change</i> , 2018, 8, 313-318.	18.8	68
11	How stable are personalities? A multivariate view of behavioural variation over long and short timescales in the sheephead swordtail, <i>Xiphophorus birchmanni</i> . <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 791-803.	1.4	56
12	How integrated are behavioral and endocrine stress response traits? A repeated measures approach to testing the stress-coping style model. <i>Ecology and Evolution</i> , 2015, 5, 618-633.	1.9	55
13	The effect of dietary restriction on reproduction: a meta-analytic perspective. <i>BMC Evolutionary Biology</i> , 2016, 16, 199.	3.2	54
14	Genetic Analysis of Life-History Constraint and Evolution in a Wild Ungulate Population. <i>American Naturalist</i> , 2012, 179, E97-E114.	2.1	52
15	Fine-scale population structure, inbreeding risk and avoidance in a wild insect population. <i>Molecular Ecology</i> , 2011, 20, 3045-3055.	3.9	37
16	A Multivariate Analysis of Genetic Constraints to Life History Evolution in a Wild Population of Red Deer. <i>Genetics</i> , 2014, 198, 1735-1749.	2.9	37
17	Cortisol but not testosterone is repeatable and varies with reproductive effort in wild red deer stags. <i>General and Comparative Endocrinology</i> , 2015, 222, 62-68.	1.8	36
18	Experience-induced preference for short-sworded males in the green swordtail, <i>Xiphophorus helleri</i> . <i>Animal Behaviour</i> , 2008, 76, 271-276.	1.9	35

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19	Testosterone and cortisol concentrations vary with reproductive status in wild female red deer. <i>Ecology and Evolution</i> , 2016, 6, 1163-1172.	1.9	32
20	Green swordtails alter their age at maturation in response to the population level of male ornamentation. <i>Biology Letters</i> , 2007, 3, 144-146.	2.3	31
21	Relative costs of offspring sex and offspring survival in a polygynous mammal. <i>Biology Letters</i> , 2016, 12, 20160417.	2.3	31
22	Predator inspection behaviour in three-spined sticklebacks ( <i>Gasterosteus aculeatus</i> ): body size, local predation pressure and cooperation. <i>Behavioral Ecology and Sociobiology</i> , 2004, 56, 164-170.	1.4	28
23	Reconciling nutritional geometry with classical dietary restriction: Effects of nutrient intake, not calories, on survival and reproduction. <i>Aging Cell</i> , 2019, 18, e12868.	6.7	25
24	Lifespan Extension Via Dietary Restriction: Time to Reconsider the Evolutionary Mechanisms?. <i>BioEssays</i> , 2020, 42, 1900241.	2.5	24
25	Measuring selection for genes that promote long life in a historical human population. <i>Nature Ecology and Evolution</i> , 2017, 1, 1773-1781.	7.8	22
26	Early nutritional conditions, growth trajectories and mate choice: does compensatory growth lead to a reduction in adult sexual attractiveness?. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1007-1014.	1.4	20
27	Inbreeding, inbreeding depression, and infidelity in a cooperatively breeding bird*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1500-1514.	2.3	20
28	Experience does not alter alternative mating tactics in the burying beetle <i>Nicrophorus vespilloides</i> . <i>Behavioral Ecology</i> , 2009, 20, 153-159.	2.2	18
29	Testing evolutionary explanations for the lifespan benefit of dietary restriction in fruit flies ( <i>Drosophila melanogaster</i> ). <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 450-463.	2.3	18
30	Heritability and cross-sex genetic correlations of early-life circulating testosterone levels in a wild mammal. <i>Biology Letters</i> , 2014, 10, 20140685.	2.3	17
31	Phenotypic and genetic integration of personality and growth under competition in the sheephead swordtail, <i>Xiphophorus birchmanni</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 187-201.	2.3	15
32	Older males attract more females but get fewer matings in a wild field cricket. <i>Animal Behaviour</i> , 2019, 153, 1-14.	1.9	13
33	The genetic architecture of maternal effects across ontogeny in the red deer. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1378-1391.	2.3	13
34	The Heritability of Mating Behaviour in a Fly and Its Plasticity in Response to the Threat of Sperm Competition. <i>PLoS ONE</i> , 2014, 9, e90236.	2.5	10
35	Variation in early-life testosterone within a wild population of red deer. <i>Functional Ecology</i> , 2014, 28, 1224-1234.	3.6	10
36	Body macronutrient composition is predicted by lipid and not protein content of the diet. <i>Ecology and Evolution</i> , 2017, 7, 10056-10065.	1.9	8

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37	Estimating selection on the act of inbreeding in a population with strong inbreeding depression. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1815-1827.	1.7	5
38	The influence of maternal effects on indirect benefits associated with polyandry. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1177-1182.	2.6	2
39	The role of maternally transferred antibodies in maternal performance in red deer. <i>Ecology Letters</i> , 2021, 24, 2065-2076.	6.4	1