

David Berger

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,416
citations

361296

20
h-index

395590

33
g-index

53
all docs

53
docs citations

53
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	INTRALOCUS SEXUAL CONFLICT AND ENVIRONMENTAL STRESS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, n/a-n/a.	1.1	97
2	Intralocus Sexual Conflict and the Tragedy of the Commons in Seed Beetles. <i>American Naturalist</i> , 2016, 188, E98-E112.	1.0	79
3	What keeps insects small? Size dependent predation on two species of butterfly larvae. <i>Evolutionary Ecology</i> , 2006, 20, 575-589.	0.5	73
4	What Keeps Insects Small? Time Limitation during Oviposition Reduces the Fecundity Benefit of Female Size in a Butterfly. <i>American Naturalist</i> , 2007, 169, 768-779.	1.0	72
5	Forecasting extinction risk of ectotherms under climate warming: an evolutionary perspective. <i>Functional Ecology</i> , 2012, 26, 1324-1338.	1.7	66
6	Multivariate intralocus sexual conflict in seed beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3457-3469.	1.1	65
7	The Role of Mutation Bias in Adaptive Evolution. <i>Trends in Ecology and Evolution</i> , 2019, 34, 422-434.	4.2	57
8	The genomic footprint of sexual conflict. <i>Nature Ecology and Evolution</i> , 2019, 3, 1725-1730.	3.4	57
9	QUANTITATIVE GENETIC DIVERGENCE AND STANDING GENETIC (CO)VARIANCE IN THERMAL REACTION NORMS ALONG LATITUDE. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2385-2399.	1.1	56
10	HIGH TEMPERATURES REVEAL CRYPTIC GENETIC VARIATION IN A POLYMORPHIC FEMALE SPERM STORAGE ORGAN. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2830-2842.	1.1	48
11	Time stress, predation risk and diurnal nocturnal foraging trade-offs in larval prey. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1655-1663.	0.6	46
12	Temperature effects on life-history trade-offs, germline maintenance and mutation rate under simulated climate warming. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171721.	1.2	40
13	Experimental evolution for generalists and specialists reveals multivariate genetic constraints on thermal reaction norms. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1975-1989.	0.8	38
14	Intraspecific variation in body size and the rate of reproduction in female insects adaptive allometry or biophysical constraint?. <i>Journal of Animal Ecology</i> , 2012, 81, 1244-1258.	1.3	37
15	Sexually antagonistic selection on genetic variation underlying both male and female same-sex sexual behavior. <i>BMC Evolutionary Biology</i> , 2016, 16, 88.	3.2	35
16	The consequences of sexual selection in well-adapted and maladapted populations of bean beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 518-530.	1.1	30
17	Elevated temperature increases genome-wide selection on de novo mutations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203094.	1.2	29
18	Sex-dependent evolution of life history traits following adaptation to climate warming. <i>Functional Ecology</i> , 2014, 28, 469-478.	1.7	28

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19	Differential strengths of molecular determinants guide environment specific mutational fates. <i>PLoS Genetics</i> , 2018, 14, e1007419.	1.5	27
20	Sexual selection, environmental robustness, and evolutionary demography of maladapted populations: A test using experimental evolution in seed beetles. <i>Evolutionary Applications</i> , 2019, 12, 1371-1384.	1.5	27
21	Ecological Constraints on Female Fitness in a Phytophagous Insect. <i>American Naturalist</i> , 2012, 180, 464-480.	1.0	24
22	The efficacy of good genes sexual selection under environmental change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182313.	1.2	24
23	Experimental evidence for effects of sexual selection on condition-dependent mutation rates. <i>Nature Ecology and Evolution</i> , 2020, 4, 737-744.	3.4	24
24	Sexual conflict drives micro- and macroevolution of sexual dimorphism in immunity. <i>BMC Biology</i> , 2021, 19, 114.	1.7	24
25	Divergence and ontogenetic coupling of larval behaviour and thermal reaction norms in three closely related butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 313-320.	1.2	23
26	Life history traits, but not body size, vary systematically along latitudinal gradients on three continents in the widespread yellow dung fly. <i>Ecography</i> , 2018, 41, 2080-2091.	2.1	22
27	Effects of host species and environmental factors on the prevalence of <i>Batrachochytrium dendrobatidis</i> in northern Europe. <i>PLoS ONE</i> , 2018, 13, e0199852.	1.1	22
28	Does thermal plasticity align with local adaptation? An interspecific comparison of wing morphology in sepsid flies. <i>Journal of Evolutionary Biology</i> , 2019, 32, 463-475.	0.8	22
29	Natural selection mediated by seasonal time constraints increases the alignment between evolvability and developmental plasticity. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 464-475.	1.1	21
30	Geographic clines in wing morphology relate to colonization history in New World but not Old World populations of yellow dung flies. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1629-1644.	1.1	20
31	Selection in males purges the mutation load on female fitness. <i>Evolution Letters</i> , 2021, 5, 328-343.	1.6	20
32	Sexual selection and the evolution of male and female cognition: A test using experimental evolution in seed beetles*. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 2390-2400.	1.1	18
33	Biased Estimates of Diminishing>Returns Epistasis? Empirical Evidence Revisited. <i>Genetics</i> , 2014, 198, 1417-1420.	1.2	17
34	The mating system affects the temperature sensitivity of male and female fertility. <i>Functional Ecology</i> , 2022, 36, 92-106.	1.7	16
35	Implications of existing local (mal)adaptations for ecological forecasting under environmental change. <i>Evolutionary Applications</i> , 2019, 12, 1487-1502.	1.5	14
36	Geographic variation in responses of European yellow dung flies to thermal stress. <i>Journal of Thermal Biology</i> , 2018, 73, 41-49.	1.1	13

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37	An experimental test of temperature-dependent selection on mitochondrial haplotypes in <i>Callosobruchus maculatus</i> seed beetles. <i>Ecology and Evolution</i> , 2020, 10, 11387-11398.	0.8	13
38	Male-benefit sexually antagonistic genotypes show elevated vulnerability to inbreeding. <i>BMC Evolutionary Biology</i> , 2017, 17, 134.	3.2	12
39	The developmental plasticity and functional significance of an additional sperm storage compartment in female yellow dung flies. <i>Functional Ecology</i> , 2013, 27, 1392-1402.	1.7	10
40	Replicated latitudinal clines in reproductive traits of European and North American yellow dung flies. <i>Oikos</i> , 2018, 127, 1619-1632.	1.2	9
41	Comprehensive thermal performance curves for yellow dung fly life history traits and the temperature-size-rule. <i>Journal of Thermal Biology</i> , 2021, 100, 103069.	1.1	9
42	Understanding climate change response in the age of genomics. <i>Journal of Animal Ecology</i> , 2022, 91, 1056-1063.	1.3	9
43	High variation in last male sperm precedence and genital morphology in the emerald damselfly, <i>Lestes sponsa</i> . <i>Biological Journal of the Linnean Society</i> , 2020, 130, 497-506.	0.7	3
44	Heritable responses to combined effects of heat stress and ivermectin in the yellow dung fly. <i>Chemosphere</i> , 2022, 286, 131030.	4.2	3
45	Growth rate mediates hidden developmental plasticity of female yellow dung fly reproductive morphology in response to environmental stressors. <i>Evolution & Development</i> , 2022, 24, 3-15.	1.1	3