

Richard J Walters

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

830
citations

623574

14
h-index

526166

27
g-index

30
all docs

30
docs citations

30
times ranked

1045
citing authors

#	ARTICLE	IF	CITATIONS
1	What limits insect fecundity? Body size and temperature dependent egg maturation and oviposition in a butterfly. <i>Functional Ecology</i> , 2008, 22, 523-529.	1.7	171
2	What keeps insects small? Size dependent predation on two species of butterfly larvae. <i>Evolutionary Ecology</i> , 2006, 20, 575-589.	0.5	73
3	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
4	Forecasting extinction risk of ectotherms under climate warming: an evolutionary perspective. <i>Functional Ecology</i> , 2012, 26, 1324-1338.	1.7	66
5	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
6	Plastic and evolutionary responses to heat stress in a temperate dung fly: negative correlation between basal and induced heat tolerance?. <i>Journal of Evolutionary Biology</i> , 2016, 29, 900-915.	0.8	46
7	Modelling dispersal of a temperate insect in a changing climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2017-2023.	1.2	40
8	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
9	Why does a grasshopper have fewer, larger offspring at its range limits?. <i>Journal of Evolutionary Biology</i> , 2006, 19, 267-276.	0.8	32
10	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
11	Cold spot microrefugia hold the key to survival for Brazil's Critically Endangered Araucaria tree. <i>Global Change Biology</i> , 2019, 25, 4339-4351.	4.2	26
12	Evaluating the effects of integrating trees into temperate arable systems on pest control and pollination. <i>Agricultural Systems</i> , 2019, 176, 102676.	3.2	25
13	Evaluating a trait-based approach to compare natural enemy and pest communities in agroforestry vs. arable systems. <i>Ecological Applications</i> , 2021, 31, e02294.	1.8	20
14	Productivity, biodiversity trade-offs, and farm income in an agroforestry versus an arable system. <i>Ecological Economics</i> , 2022, 191, 107214.	2.9	15
15	Implications of existing local (mal)adaptations for ecological forecasting under environmental change. <i>Evolutionary Applications</i> , 2019, 12, 1487-1502.	1.5	14
16	Integrating the influence of weather into mechanistic models of butterfly movement. <i>Movement Ecology</i> , 2019, 7, 24.	1.3	13
17	The importance of including habitat-specific behaviour in models of butterfly movement. <i>Oecologia</i> , 2020, 193, 249-259.	0.9	13
18	Floristic change in Brazil's southern Atlantic Forest biodiversity hotspot: From the Last Glacial Maximum to the late 21st Century. <i>Quaternary Science Reviews</i> , 2021, 264, 107005.	1.4	11

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19	Management to Promote Flowering Understoreys Benefits Natural Enemy Diversity, Aphid Suppression and Income in an Agroforestry System. <i>Agronomy</i> , 2021, 11, 651.	1.3	10
20	Host-dependent differences in prey acquisition between populations of a kleptoparasitic spider <i>Argyrodes kumadai</i> (Araneae: Theridiidae). <i>Ecological Entomology</i> , 2007, 32, 38-44.	1.1	9
21	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
22	Niche complementarity drives increases in pollinator functional diversity in diversified agroforestry systems. <i>Agriculture, Ecosystems and Environment</i> , 2022, 336, 108035.	2.5	8
23	Quantifying the effectiveness of agri-environment schemes for a grassland butterfly using individual-based models. <i>Ecological Modelling</i> , 2019, 411, 108798.	1.2	7
24	Complex latitudinal variation in the morphology of the kleptoparasitic spider <i>Argyrodes kumadai</i> associated with host use and climatic conditions. <i>Population Ecology</i> , 2013, 55, 43-51.	0.7	5
25	Behavioural modes in butterflies: their implications for movement and searching behaviour. <i>Animal Behaviour</i> , 2020, 169, 23-33.	0.8	5
26	Data on the movement behaviour of four species of grassland butterfly. <i>Data in Brief</i> , 2019, 27, 104611.	0.5	3
27	Behavior underpins the predictive power of a trait-based model of butterfly movement. <i>Ecology and Evolution</i> , 2020, 10, 3200-3208.	0.8	3
28	Heritable responses to combined effects of heat stress and ivermectin in the yellow dung fly. <i>Chemosphere</i> , 2022, 286, 131030.	4.2	3
29	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