Will Edwards

List of Publications by Year
in descending order

72 papers	2,220 citations	236833 25 h-index	243529 44 g-index
72 all docs	72 docs citations	72 times ranked	3685 citing authors

#	Article	IF	Citations
1	Alternative pollinator taxa are equally efficient but not as effective as the honeybee in a mass flowering crop. Journal of Applied Ecology, 2009, 46, 1080-1087.	1.9	239
2	Putting plant resistance traits on the map: a test of the idea that plants are better defended at lower latitudes. New Phytologist, 2011, 191, 777-788.	3.5	155
3	Correlations between physical and chemical defences in plants: tradeoffs, syndromes, or just many different ways to skin a herbivorous cat?. New Phytologist, 2013, 198, 252-263.	3.5	124
4	Wood density predicts plant damage and vegetative recovery rates caused by cyclone disturbance in tropical rainforest tree species of North Queensland, Australia. Austral Ecology, 2008, 33, 442-450.	0.7	101
5	Longâ€term changes in liana abundance and forest dynamics in undisturbed Amazonian forests. Ecology, 2014, 95, 1604-1611.	1.5	96
6	Spatial and temporal variation in pollinator effectiveness: do unmanaged insects provide consistent pollination services to mass flowering crops?. Journal of Applied Ecology, 2012, 49, 126-134.	1.9	89
7	Pollen transport differs among bees and flies in a humanâ€modified landscape. Diversity and Distributions, 2011, 17, 519-529.	1.9	86
8	The evolution of rewards: seed dispersal, seed size and elaiosome size. Journal of Ecology, 2006, 94, 687-694.	1.9	72
9	Reserve mass and dispersal investment in relation to geographic range of plant species: phylogenetically independent contrasts. Journal of Biogeography, 1996, 23, 329-338.	1.4	59
10	Diurnal effectiveness of pollination by bees and flies in agricultural Brassica rapa: Implications for ecosystem resilience. Basic and Applied Ecology, 2013, 14, 20-27.	1.2	53
11	Edge disturbance drives liana abundance increase and alteration of lianaâ€“host tree interactions in tropical forest fragments. Ecology and Evolution, 2018, 8, 4237-4251.	0.8	53
12	Using phylogenetic diversity to identify ancient rain forest refugia and diversification zones in a biodiversity hotspot. Diversity and Distributions, 2015, 21, 279-289.	1.9	50
13	Feeding guild structure of beetles on Australian tropical rainforest trees reflects microhabitat resource availability. Journal of Animal Ecology, 2012, 81, 1086-1094.	1.3	44
14	Can dispersal investment explain why tall plant species achieve longer dispersal distances than short plant species?. New Phytologist, 2018, 217, 407-415.	3.5	44
15	Apparent environmental synergism drives the dynamics of Amazonian forest fragments. Ecology, 2014, 95, 3018-3026.	1.5	41
16	The Impacts of Oil Palm Agriculture on Colombia's Biodiversity: What We Know and Still Need to Know. Tropical Conservation Science, 2015, 8, 828-845.	0.6	39
17	Land management strategies can increase oil palm plantation use by some terrestrial mammals in Colombia. Scientific Reports, 2019, 9, 7812.	1.6	39
18	Effective ecosystem monitoring requires a multiâ€scaled approach. Biological Reviews, 2020, 95, 1706-1719.	4.7	38

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19	The Overlooked Biodiversity of Flower-Visiting Invertebrates. PLoS ONE, 2012, 7, e45796.	1.1	37
20	Dynamics of Logging in Solomon Islands: The Need for Restoration and Conservation Alternatives. Tropical Conservation Science, 2015, 8, 718-731.	0.6	36
21	The limit to the distribution of a rainforest marsupial folivore is consistent with the thermal intolerance hypothesis. Oecologia, 2012, 168, 889-899.	0.9	35
22	The global trend in plant twining direction. Global Ecology and Biogeography, 2007, 16, 795-800.	2.7	34
23	TERN, Australiaâ€™s land observatory: addressing the global challenge of forecasting ecosystem responses to climate variability and change. Environmental Research Letters, 2019, 14, 095004.	2.2	34
24	Terrestrial mammal responses to oil palm dominated landscapes in Colombia. PLoS ONE, 2018, 13, e0197539.	1.1	32
25	Not so simple after all: searching for ecological advantages of compound leaves. Oikos, 2011, 120, 813-821.	1.2	29
26	Identifying critical limits in oil palm cover for the conservation of terrestrial mammals in Colombia. Biological Conservation, 2018, 227, 65-73.	1.9	28
27	Size is not everything for desiccationâ€sensitive seeds. Journal of Ecology, 2012, 100, 1131-1140.	1.9	27
28	Plant functional groups within a tropical forest exhibit different wood functional anatomy. Functional Ecology, 2017, 31, 582-591.	1.7	27
29	Marine turtle nest depredation by feral pigs (Sus scrofa) on the Western Cape York Peninsula, Australia: implications for management. Wildlife Research, 2013, 40, 377.	0.7	25
30	Specialization of rainforest canopy beetles to host trees and microhabitats: not all specialists are leaf-feeding herbivores. Biological Journal of the Linnean Society, 2013, 109, 215-228.	0.7	24
31	Families with highest proportions of rare species are not consistent between floras. Journal of Biogeography, 2000, 27, 733-740.	1.4	20
32	Resprouting of saplings following a tropical rainforest fire in north-east Queensland, Australia. Austral Ecology, 2005, 30, 817-826.	0.7	20
33	Degraded tropical rain forests possess valuable carbon storage opportunities in a complex, forested landscape. Scientific Reports, 2016, 6, 30012.	1.6	20
34	Re-contemplate an entangled bank:<i>The Power of Movement in Plants</i>revisited. Botanical Journal of the Linnean Society, 2009, 160, 111-118.	0.8	19
35	Color Polymorphism in Spiny Spiders (<i><scp>G</scp>asteracantha fornicata</i>): Testing the Adaptive Significance of a Geographically Clinal Lure. Ethology, 2013, 119, 1126-1137.	0.5	19
36	Variation in beetle community structure across five microhabitats in <scp>A</scp>ustralian tropical rainforest trees. Insect Conservation and Diversity, 2013, 6, 463-472.	1.4	19

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37	The specialization and structure of antagonistic and mutualistic networks of beetles on rainforest canopy trees. Biological Journal of the Linnean Society, 2015, 114, 287-295.	0.7	19
38	Distribution of Phytophthora cinnamomi at different spatial scales: When can a negative result be considered positively?. Austral Ecology, 2002, 27, 459-462.	0.7	17
39	Seedling Mortality Due to Drought and Fire Associated with the 2002 El Nino Event in a Tropical Rain Forest in North-East Queensland, Australia1. Biotropica, 2005, 38, 051122071755003.	0.8	17
40	Sea turtle rehabilitation success increases with body size and differs among species. Endangered Species Research, 2015, 29, 13-21.	1.2	16
41	Can Lianas Assist in Rainforest Restoration?. Tropical Conservation Science, 2015, 8, 257-273.	0.6	15
42	Supplementary pollination in the production of custard apple (Annonasp.) â€" the effect of pollen source. Journal of Horticultural Science and Biotechnology, 2006, 81, 78-83.	0.9	14
43	Factors influencing tree diversity and compositional change across logged forests in the Solomon Islands. Forest Ecology and Management, 2016, 372, 53-63.	1.4	14
44	Forest edge disturbance increases rattan abundance in tropical rain forest fragments. Scientific Reports, 2017, 7, 6071.	1.6	13
45	Liana cover in the canopies of rainforest trees is not predicted by local groundâ€based measures. Austral Ecology, 2019, 44, 759-767.	0.7	12
46	Idiosyncratic phenomenon of regeneration from cotyledons in the idiot fruit tree, Idiospermum australiense. Austral Ecology, 2001, 26, 254-258.	0.7	11
47	Body size variation among invertebrates inhabiting different canopy microhabitat: flower visitors are smaller. Ecological Entomology, 2013, 38, 101-111.	1.1	11
48	Canopy invertebrate community composition on rainforest trees: Different microhabitats support very different invertebrate communities. Austral Ecology, 2014, 39, 367-377.	0.7	11
49	Within- and between-species patterns of allocation to pulp and seed in vertebrate dispersed plants. Oikos, 2005, 110, 109-114.	1.2	10
50	Is optimal foraging a realistic expectation in orbâ€web spiders?. Ecological Entomology, 2009, 34, 527-534.	1.1	10
51	Sprouting and genetic structure vary with flood disturbance in the tropical riverine paperbark tree, <i>Melaleuca leucadendra</i> (Myrtaceae). American Journal of Botany, 2013, 100, 2250-2260.	0.8	10
52	Rarity within taxonomie lineages and the use of taxa above the level of species. Ecography, 1998, 21, 625-629.	2.1	9
53	Multiple resprouting from diaspores and single cotyledons in the Australian tropical tree species Idiospermum australiense. Journal of Tropical Ecology, 2002, 18, 943-948.	0.5	9
54	Plants reward seed dispersers in proportion to their effort: The relationship between pulp mass and seed mass in vertebrate dispersed plants. Evolutionary Ecology, 2006, 20, 365-376.	0.5	9

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55	Temporal variation in abundance of leaf litter beetles and ants in an Australian lowland tropical rainforest is driven by climate and litter fall. Biodiversity and Conservation, 2018, 27, 2625-2640.	1.2	9
56	Validating Community-Led Forest Biomass Assessments. PLoS ONE, 2015, 10, e0130529.	1.1	9
57	Differences in resprouting ability are not related to seed size or seedling growth in four riparian woody species. Journal of Ecology, 2007, 95, 840-850.	1.9	8
58	Architectural constraint in fruit production of Crotalaria spectabilis (Fabaceae). Plant Species Biology, 2005, 20, 41-46.	0.6	7
59	Dispersal of Desiccationâ€Sensitive Seeds is not Coincident with High Rainfall in a Seasonal Tropical Forest in Australia. Biotropica, 2010, 42, 271-275.	0.8	7
60	Seasonal patterns in rainforest litterfall: Detecting endogenous and environmental influences from longâ€term sampling. Austral Ecology, 2018, 43, 225-235.	0.7	7
61	How long does it take for different seeds to dry?. Functional Plant Biology, 2010, 37, 575.	1.1	6
62	Richness of Primary Producers and Consumer Abundance Mediate Epiphyte Loads in a Tropical Seagrass System. Diversity, 2020, 12, 384.	0.7	6
63	Forest Structure, Plant Diversity and Local Endemism in a Highly Varied New Guinea Landscape. Tropical Conservation Science, 2015, 8, 284-300.	0.6	5
64	Generalised Extreme Value Distributions Provide a Natural Hypothesis for the Shape of Seed Mass Distributions. PLoS ONE, 2015, 10, e0121724.	1.1	4
65	An endangered bird calls less when invasive birds are calling. Journal of Avian Biology, 2021, 52, .	0.6	4
66	Structural Recovery of Logged Forests in the Solomon Islands: Implications for Conservation and Management. Tropical Conservation Science, 2021, 14, 194008292110281.	0.6	4
67	Palau's Rare and Threatened Palm <i>Ponapea palauensis</i> (Arecaceae): Population Density, Distribution, and Threat Assessment. Pacific Science, 2013, 67, 599-607.	0.2	3
68	Captivating color: evidence for optimal stimulus design in a polymorphic prey lure. Behavioral Ecology, 2022, 33, 670-678.	1.0	3
69	The potential for predation induced somatic embryogenesis in storage cotyledons. Oikos, 2005, 111, 215-220.	1.2	2
70	Insects on flowers. Communicative and Integrative Biology, 2013, 6, e22509.	0.6	1
71	Incomplete offspring sex bias in Australian populations of the butterfly Eurema hecabe. Heredity, 2017, 118, 284-292.	1.2	1
72	Egg production across a 40-week period in the phasmid Sipyloidea sp. (Diapheromeridae) from a tropical rain forest, north Queensland, Australia. Australian Journal of Entomology, 2005, 44, 364-368.	1.1	0