

Jeremy J Vanderwal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68
papers

4,292
citations

35
h-index

65
g-index

68
ext. papers

4,877
ext. citations

5.7
avg, IF

5.29
L-index

#	Paper	IF	Citations
68	Climate change and biodiversity in Australia: a systematic modelling approach to nationwide species distributions. <i>Australasian Journal of Environmental Management</i> , 2019 , 26, 112-123	2	6
67	Designing connected marine reserves in the face of global warming. <i>Global Change Biology</i> , 2018 , 24, e671-e691	11.4	31
66	Arboreality increases reptile community resistance to disturbance from livestock grazing. <i>Journal of Applied Ecology</i> , 2018 , 55, 786-799	5.8	15
65	Substantial reduction in thermo-suitable microhabitat for a rainforest marsupial under climate change. <i>Biology Letters</i> , 2018 , 14, 20180189	3.6	7
64	Trade-offs in carbon storage and biodiversity conservation under climate change reveal risk to endemic species. <i>Biological Conservation</i> , 2017 , 207, 9-16	6.2	26
63	Sink or swim? Potential for high faunal turnover in Australian rivers under climate change. <i>Journal of Biogeography</i> , 2017 , 44, 489-501	4.1	23
62	Vertical (arboreality) and horizontal (dispersal) movement increase the resilience of vertebrates to climatic instability. <i>Global Ecology and Biogeography</i> , 2017 , 26, 787-798	6.1	31
61	Idiosyncratic responses to climate-driven forest fragmentation and marine incursions in reed frogs from Central Africa and the Gulf of Guinea Islands. <i>Molecular Ecology</i> , 2017 , 26, 5223-5244	5.7	34
60	Examining current or future trade-offs for biodiversity conservation in north-eastern Australia. <i>PLoS ONE</i> , 2017 , 12, e0172230	3.7	8
59	Vulnerability of Australian tropical savanna birds to climate change. <i>Austral Ecology</i> , 2016 , 41, 106-116	1.5	10
58	Ant Diversity and Distribution along Elevation Gradients in the Australian Wet Tropics: The Importance of Seasonal Moisture Stability. <i>PLoS ONE</i> , 2016 , 11, e0153420	3.7	32
57	The pace of past climate change vs. potential bird distributions and land use in the United States. <i>Global Change Biology</i> , 2016 , 22, 1130-44	11.4	45
56	Potential breeding distributions of U.S. birds predicted with both short-term variability and long-term average climate data 2016 , 26, 2718-2729		23
55	Response to commentary by Woinarski (Critical-weight-range marsupials in northern Australia are declining: a commentary on Fisher et al. (2014) The current decline of tropical marsupials in Australia: is history repeating?) <i>Global Ecology and Biogeography</i> , 2015 , 24, 123-125	6.1	2
54	Lineage range estimation method reveals fine-scale endemism linked to Pleistocene stability in Australian rainforest herpetofauna. <i>PLoS ONE</i> , 2015 , 10, e0126274	3.7	35
53	Testing the Role of Climate Change in Species Decline: Is the Eastern Quoll a Victim of a Change in the Weather?. <i>PLoS ONE</i> , 2015 , 10, e0129420	3.7	18
52	Correlates of Recent Declines of Rodents in Northern and Southern Australia: Habitat Structure Is Critical. <i>PLoS ONE</i> , 2015 , 10, e0130626	3.7	25

51	Characteristics of climate change refugia for Australian biodiversity. <i>Austral Ecology</i> , 2014 , 39, 887-897	1.5	66
50	Prediction of phylogeographic endemism in an environmentally complex biome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	169
49	Patterns of rain forest plant endemism in subtropical Australia relate to stable mesic refugia and species dispersal limitations. <i>Journal of Biogeography</i> , 2014 , 41, 222-238	4.1	50
48	Formulating conservation targets for a gap analysis of endemic lizards in a biodiversity hotspot. <i>Biological Conservation</i> , 2014 , 180, 1-10	6.2	16
47	Stepping inside the niche: microclimate data are critical for accurate assessment of species' vulnerability to climate change. <i>Biology Letters</i> , 2014 , 10,	3.6	42
46	The origin and maintenance of montane diversity: integrating evolutionary and ecological processes. <i>Ecography</i> , 2014 , 37, 711-719	6.5	131
45	The current decline of tropical marsupials in Australia: is history repeating?. <i>Global Ecology and Biogeography</i> , 2014 , 23, 181-190	6.1	97
44	The AVOID programme – new simulations of the global benefits of stringent climate change mitigation. <i>Climatic Change</i> , 2013 , 120, 55-70	4.5	17
43	Focus on poleward shifts in species' distribution underestimates the fingerprint of climate change. <i>Nature Climate Change</i> , 2013 , 3, 239-243	21.4	226
42	Appropriateness of full-, partial- and no-dispersal scenarios in climate change impact modelling. <i>Diversity and Distributions</i> , 2013 , 19, 1224-1234	5	72
41	Extending ecological niche models to the past 120 000 years corroborates the lack of strong phylogeographic structure in the Crested Drongo (<i>Dicrurus forficatus forficatus</i>) on Madagascar. <i>Biological Journal of the Linnean Society</i> , 2013 , 108, 658-676	1.9	18
40	Underestimated ranges and overlooked refuges from amphibian chytridiomycosis. <i>Diversity and Distributions</i> , 2013 , 19, 1313-1321	5	12
39	Improved spatial estimates of climate predict patchier species distributions. <i>Diversity and Distributions</i> , 2013 , 19, 1106-1113	5	33
38	Brave new green world – Consequences of a carbon economy for the conservation of Australian biodiversity. <i>Biological Conservation</i> , 2013 , 161, 71-90	6.2	49
37	Quantifying the benefit of early climate change mitigation in avoiding biodiversity loss. <i>Nature Climate Change</i> , 2013 , 3, 678-682	21.4	221
36	Immigrants and refugees: the importance of dispersal in mediating biotic attrition under climate change. <i>Global Change Biology</i> , 2012 , 18, 2126-2134	11.4	16
35	Nice weather for bettongs: using weather events, not climate means, in species distribution models. <i>Ecography</i> , 2012 , 35, 306-314	6.5	65
34	There is no evidence for a temporal link between pathogen arrival and frog extinctions in north-eastern Australia. <i>PLoS ONE</i> , 2012 , 7, e52502	3.7	8

33	Integrating phylogeography and physiology reveals divergence of thermal traits between central and peripheral lineages of tropical rainforest lizards. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 1680-7	5.8	57
32	Latitude, elevational climatic zonation and speciation in New World vertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 194-201	4.4	144
31	Biotic interactions influence the projected distribution of a specialist mammal under climate change. <i>Diversity and Distributions</i> , 2012 , 18, 861-872	5	67
30	Vulnerability of cloud forest reserves in Mexico to climate change. <i>Nature Climate Change</i> , 2012 , 2, 448-454	4.4	110
29	Projected changes in distributions of Australian tropical savanna birds under climate change using three dispersal scenarios. <i>Ecology and Evolution</i> , 2012 , 2, 705-18	2.8	30
28	Fire regime shifts affect bird species distributions. <i>Diversity and Distributions</i> , 2012 , 18, 213-225	5	35
27	Persistence in peripheral refugia promotes phenotypic divergence and speciation in a rainforest frog. <i>American Naturalist</i> , 2011 , 178, 561-78	3.7	42
26	Coarse-filter surrogates do not represent freshwater fish diversity at a regional scale in Queensland, Australia. <i>Biological Conservation</i> , 2011 , 144, 2499-2511	6.2	21
25	Assessing spatial patterns of disease risk to biodiversity: implications for the management of the amphibian pathogen, <i>Batrachochytrium dendrobatidis</i> . <i>Journal of Applied Ecology</i> , 2011 , 48, 163-173	5.8	114
24	Issues with modelling the current and future distribution of invasive pathogens. <i>Journal of Applied Ecology</i> , 2011 , 48, 177-180	5.8	10
23	Targeted protection and restoration to conserve tropical biodiversity in a warming world. <i>Global Change Biology</i> , 2011 , 17, 186-193	11.4	73
22	Environmental refuge from disease-driven amphibian extinction. <i>Conservation Biology</i> , 2011 , 25, 956-64	6	119
21	One, two and three-dimensional geometric constraints and climatic correlates of North American tree species richness. <i>Ecography</i> , 2011 , 34, 267-275	6.5	5
20	Incorporating low-resolution historic species location data decreases performance of distribution models. <i>Ecological Modelling</i> , 2011 , 222, 3444-3448	3	28
19	Effective control of aquatic invasive species in tropical Australia. <i>Environmental Management</i> , 2011 , 48, 568-76	3.1	3
18	Dynamic refugia and species persistence: tracking spatial shifts in habitat through time. <i>Ecography</i> , 2010 , 33, 1062-1069	6.5	87
17	Signatures of range expansion and erosion in eastern North American trees. <i>Ecology Letters</i> , 2010 , 13, 1233-44	10	46
16	Characterizing errors in digital elevation models and estimating the financial costs of accuracy. <i>International Journal of Geographical Information Science</i> , 2010 , 24, 1327-1347	4.1	30

15	The Implications of Sympatry in the Spectacled and Grey Headed Flying-Fox, <i>Pteropus conspicillatus</i> and <i>P. poliocephalus</i> (Chiroptera: Pteropodidae). <i>Acta Chiropterologica</i> , 2010 , 12, 301-309	1	11
14	Does the choice of climate baseline matter in ecological niche modelling?. <i>Ecological Modelling</i> , 2010 , 221, 2280-2286	3	46
13	Weather, not climate, defines distributions of vagile bird species. <i>PLoS ONE</i> , 2010 , 5, e13569	3.7	93
12	Selecting pseudo-absence data for presence-only distribution modeling: How far should you stray from what you know?. <i>Ecological Modelling</i> , 2009 , 220, 589-594	3	502
11	Evidence that dingoes limit abundance of a mesopredator in eastern Australian forests. <i>Journal of Applied Ecology</i> , 2009 , 46, 641-646	5.8	95
10	New approaches to understanding late Quaternary climate fluctuations and refugial dynamics in Australian wet tropical rain forests. <i>Journal of Biogeography</i> , 2009 , 36, 291-301	4.1	77
9	Resistance and resilience: quantifying relative extinction risk in a diverse assemblage of Australian tropical rainforest vertebrates. <i>Diversity and Distributions</i> , 2009 , 15, 280-288	5	82
8	Distribution models for the amphibian chytrid <i>Batrachochytrium dendrobatidis</i> in Costa Rica: proposing climatic refuges as a conservation tool. <i>Diversity and Distributions</i> , 2009 , 15, 401-408	5	116
7	Abundance and the environmental niche: environmental suitability estimated from niche models predicts the upper limit of local abundance. <i>American Naturalist</i> , 2009 , 174, 282-91	3.7	280
6	Identification and dynamics of a cryptic suture zone in tropical rainforest. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 1235-44	4.4	124
5	Three-dimensional mid-domain predictions: geometric constraints in North American amphibian, bird, mammal and tree species richness patterns. <i>Ecography</i> , 2008 , 31, 435-449	6.5	10
4	Combined modelling of distribution and niche in invasion biology: a case study of two invasive <i>Tetramorium</i> ant species. <i>Diversity and Distributions</i> , 2008 , 14, 538-545	5	82
3	No simple relationship between above-ground tree growth and fine-litter production in tropical forests. <i>Journal of Tropical Ecology</i> , 2008 , 24, 347-350	1.3	6
2	Invasiveness in exotic plants: immigration and naturalization in an ecological continuum 2006 , 65-105		6
1	Distribution of abundance across the range in eastern North American trees. <i>Global Ecology and Biogeography</i> , 2006 , 15, 63-71	6.1	62