Reid Tingley

List of Publications by Year in Descending Order

73 papers	3,760 citations	29 h-index	61 g-index
78 ext. papers	4,756 ext. citations	5 avg, IF	5.38 L-index

#	Paper	IF	Citations
73	Automated assessment reveals that the extinction risk of reptiles is widely underestimated across space and phylogeny. *PLoS Biology*, **2022**, 20, e3001544	9.7	3
72	Multispecies models reveal that eDNA metabarcoding is more sensitive than backpack electrofishing for conducting fish surveys in freshwater streams. *Molecular Ecology*, **2021**, 30, 3111-3126	5.7	5
71	Rock removal associated with agricultural intensification will exacerbate the loss of reptile diversity. *Journal of Applied Ecology*, **2021**, 58, 1557	5.8	1
70	Conservation status of the world's skinks (Scincidae): Taxonomic and geographic patterns in extinction risk. *Biological Conservation*, **2021**, 257, 109101	6.2	4
69	A return-on-investment approach for prioritization of rigorous taxonomic research needed to inform responses to the biodiversity crisis. *PLoS Biology*, **2021**, 19, e3001210	9.7	3
68	Correlates of extinction risk in Australian squamate reptiles. *Journal of Biogeography*, **2021**, 48, 2144-2152	4.1	3
67	Accounting for false positive detections in occupancy studies based on environmental DNA: A case study of a threatened freshwater fish (Galaxiella pusilla). *Environmental DNA*, **2021**, 3, 388-397	7.6	4
66	Defining and evaluating predictions of joint species distribution models. *Methods in Ecology and Evolution*, **2021**, 12, 394-404	7.7	4
65	Reptiles on the brink: identifying the Australian terrestrial snake and lizard species most at risk of extinction. *Pacific Conservation Biology*, **2021**, 27, 3	1.2	13
64	A national-scale dataset for threats impacting Australia's imperiled flora and fauna. *Ecology and Evolution*, **2021**, 11, 11749-11761	2.8	5
63	Niche shifts and environmental non-equilibrium undermine the usefulness of ecological niche models for invasion risk assessments. *Scientific Reports*, **2020**, 10, 7972	4.9	14
62	The roles of acclimation and behaviour in buffering climate change impacts along elevational gradients. *Journal of Animal Ecology*, **2020**, 89, 1722-1734	4.7	11
61	steps: Software for spatially and temporally explicit population simulations. *Methods in Ecology and Evolution*, **2020**, 11, 596-603	7.7	10
60	Integrating mechanistic and correlative niche models to unravel range-limiting processes in a temperate amphibian. *Global Change Biology*, **2019**, 25, 2633-2647	11.4	27
59	Environmental DNA sampling as a surveillance tool for cane toad Rhinella marina introductions on offshore islands. *Biological Invasions*, **2019**, 21, 1-6	2.7	11
58	Geographic and taxonomic patterns of extinction risk in Australian squamates. *Biological Conservation*, **2019**, 238, 108203	6.2	23
57	The on-ground feasibility of a waterless barrier to stop the spread of invasive cane toads in Western Australia. *Conservation Science and Practice*, **2019**, 1, e74	2.2	2

56	Action Plan for Australian Lizards and Snakes 2017 **2019**,		11
55	A comparison of joint species distribution models for presence–absence data. *Methods in Ecology and Evolution*, **2019**, 10, 198-211	7.7	33
54	Optimal survey designs for environmental DNA sampling. *Methods in Ecology and Evolution*, **2018**, 9, 1049-1059	7.7	31
53	Integrating transport pressure data and species distribution models to estimate invasion risk for alien stowaways. *Ecography*, **2018**, 41, 635-646	6.5	24
52	Quantifying extinction risk and forecasting the number of impending Australian bird and mammal extinctions. *Pacific Conservation Biology*, **2018**, 24, 157	1.2	43
51	The seven lamps of planning for biodiversity in the city. *Cities*, **2018**, 83, 44-53	5.6	48
50	Dealing with false-positive and false-negative errors about species occurrence at multiple levels. *Methods in Ecology and Evolution*, **2017**, 8, 1081-1091	7.7	62
49	New Weapons in the Toad Toolkit: A Review of Methods to Control and Mitigate the Biodiversity Impacts of Invasive Cane Toads (Rhinella Marina). *Quarterly Review of Biology*, **2017**, 92, 123-49	5.4	54
48	Cost and feasibility of a barrier to halt the spread of invasive cane toads in arid Australia: incorporating expert knowledge into model-based decision-making. *Journal of Applied Ecology*, **2017**, 54, 216-224	5.8	11
47	Patterns of niche filling and expansion across the invaded ranges of an Australian lizard. *Ecography*, **2016**, 39, 270-280	6.5	34
46	Conservation planners tend to ignore improved accuracy of modelled species distributions to focus on multiple threats and ecological processes. *Biological Conservation*, **2016**, 199, 157-171	6.2	73
45	Threatened and invasive reptiles are not two sides of the same coin. *Global Ecology and Biogeography*, **2016**, 25, 1050-1060	6.1	11
44	Long-term monitoring reveals declines in an endemic predator following invasion by an exotic prey species. *Animal Conservation*, **2016**, 19, 75-87	3.2	6
43	The genetic backburn: using rapid evolution to halt invasions. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283, 20153037	4.4	14
42	Statistical approaches to account for false-positive errors in environmental DNA samples. *Molecular Ecology Resources*, **2016**, 16, 673-85	8.4	115
41	Assessing the cost-efficiency of environmental DNA sampling. *Methods in Ecology and Evolution*, **2016**, 7, 1291-1298	7.7	66
40	Risk of biological invasions is concentrated in biodiversity hotspots. *Frontiers in Ecology and the Environment*, **2016**, 14, 411-417	5.5	24
39	Addressing knowledge gaps in reptile conservation. *Biological Conservation*, **2016**, 204, 1-5	6.2	36

38	Is my species distribution model fit for purpose? Matching data and models to applications. *Global Ecology and Biogeography*, **2015**, 24, 276-292	6.1	460
37	Interactive effects of climate change and fire on metapopulation viability of a forest-dependent frog in south-eastern Australia. *Biological Conservation*, **2015**, 190, 142-153	6.2	6
36	I Environmental DNA sampling is more sensitive than a traditional survey technique for detecting an aquatic invader. *Ecological Applications*, **2015**, 25, 1944-52	4.9	106
35	European newts establish in Australia, marking the arrival of a new amphibian order. *Biological Invasions*, **2015**, 17, 31-37	2.7	13
34	When trends intersect: The challenge of protecting freshwater ecosystems under multiple land use and hydrological intensification scenarios. *Science of the Total Environment*, **2015**, 534, 65-78	10.2	74
33	Detecting extinction risk from climate change by IUCN Red List criteria. *Conservation Biology*, **2014**, 28, 810-9	6	54
32	Microclimate modelling at macro scales: a test of a general microclimate model integrated with gridded continental-scale soil and weather data. *Methods in Ecology and Evolution*, **2014**, 5, 273-286	7.7	93
31	Understanding co-occurrence by modelling species simultaneously with a Joint Species Distribution Model (JSDM). *Methods in Ecology and Evolution*, **2014**, 5, 397-406	7.7	329
30	Congener diversity, topographic heterogeneity and human-assisted dispersal predict spread rates of alien herpetofauna at a global scale. *Ecology Letters*, **2014**, 17, 821-9	10	35
29	Triazene derivatives of (1,x)-diazacycloalkanes. Part X. Synthesis and characterization of a series of 1,4-di[2-aryl-1-diazenyl]-trans-2,5-dimethylpiperazines. *Canadian Journal of Chemistry*, **2014**, 92, 665-669	0.9	0
28	Using species co-occurrence patterns to quantify relative habitat breadth in terrestrial vertebrates. *Ecosphere*, **2014**, 5, art152	3.1	24
27	Realized niche shift during a global biological invasion. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 10233-8	11.5	175
26	Analyses of extinction risk are an important part of the conservation process Reply to Monks. *Biological Conservation*, **2013**, 168, 224-225	6.2	2
25	Behavioral and physiological correlates of the geographic distributions of amphibious sea kraits (Laticauda spp.). *Journal of Sea Research*, **2013**, 76, 1-4	1.9	14
24	Identifying optimal barriers to halt the invasion of cane toads Rhinella marina in arid Australia. *Journal of Applied Ecology*, **2013**, 50, 129-137	5.8	42
23	Life-history traits and extrinsic threats determine extinction risk in New Zealand lizards. *Biological Conservation*, **2013**, 165, 62-68	6.2	62
22	Predicting species distributions for conservation decisions. *Ecology Letters*, **2013**, 16, 1424-35	10	985
21	Hydric balance and locomotor performance of an anuran (Rhinella marina) invading the Australian arid zone. *Oikos*, **2012**, 121, 1959-1965	4	43

20	Predicting the distribution of the Asian tapir in Peninsular Malaysia using maximum entropy modeling. *Integrative Zoology*, **2012**, 7, 400-406	1.9	37
19	Disparity in the timing of vertebrate diversification events between the northern and southern hemispheres. *BMC Evolutionary Biology*, **2012**, 12, 244	3	9
18	Salinity influences the distribution of marine snakes: implications for evolutionary transitions to marine life. *Ecography*, **2012**, 35, 994-1003	6.5	48
17	Smart moves: effects of relative brain size on establishment success of invasive amphibians and reptiles. *PLoS ONE*, **2011**, 6, e18277	3.7	100
16	Establishment success of introduced amphibians increases in the presence of congeneric species. *American Naturalist*, **2011**, 177, 382-8	3.7	43
15	Desiccation risk drives the spatial ecology of an invasive anuran (Rhinella marina) in the Australian semi-desert. *PLoS ONE*, **2011**, 6, e25979	3.7	55
14	The frog filter: amphibian introduction bias driven by taxonomy, body size and biogeography. *Global Ecology and Biogeography*, **2010**, 19, 496	6.1	34
13	Intra-specific niche partitioning obscures the importance of fine-scale habitat data in species distribution models. *Biodiversity and Conservation*, **2010**, 19, 2455-2467	3.4	7
12	Land-cover data improve bioclimatic models for anurans and turtles at a regional scale. *Journal of Biogeography*, **2009**, 36, 1656-1672	4.1	26
11	Triazene derivatives of (1,x)-diazacycloalkanes. Part VIII. Synthesis and characterization of a series of 1,4-di[2-aryl-1-diazenyl]-2-methylpiperazines1. *Canadian Journal of Chemistry*, **2007**, 85, 189-196	0.9	3
10	Triazene derivatives of (1,x-)diazacycloalkanes. Part VI. 3-({5,5-Dimethyl-3-[2-aryl-1-diazenyl]-1-imidazolidinyl}methyl)-4,4-dimethyl-1-[2-aryl-1-diazenyl]imidazolidines [1]Synthesis, characterization, and X-ray crystal structure. *Canadian Journal of Chemistry*, **2006**, 84, 1294-1300	0.9	1
9	Triazene derivatives of (1,x)-diazacycloalkanes. Part VII. Synthesis of a series of 1-aryl-2-[3-(3-[2-aryl-1-diazenyl]-1,3-diazepan-1-ylmethyl)-1,3-diazepan-1-yl]-1-diazenes from the reaction of diazonium salts with mixtures of formaldehyde and 1,4-diaminobutane. *Canadian*	0.9	
8	X-Ray crystal structure determination of a series of 1-aryl-2-[3-(3-[2-aryl-1-diazenyl]-1,3-diazepan-1-ylmethyl)-1, 3-diazepan-1-yl]-1-diazenes obtained from the reaction of diazonium salts with mixtures of formaldehyde and 1,4-diaminobutane. *Journal of Chemical Crystallography*, **2006**, 36, 831-839	0.5	1
7	Triazene derivatives of (1,x)-diazacycloalkanes. Part III. Synthesis and characterization of a series of 1,4-di[2-aryl-1-diazenyl]piperazines. *Canadian Journal of Chemistry*, **2005**, 83, 471-476	0.9	17
6	Triazene derivatives of (1,x)-diazacycloalkanes. Part V.1 Synthesis and characterization of 4-ethyl-3-({6-ethyl-3-[2-aryl-1-diazenyl]hexahydro-1-pyrimidinyl}methyl)-1-[2-aryl-1-diazenyl)hexa-hydropyrimidines from the reaction of diazonium salts with mixtures of formaldehyde and 1,3-diaminopentane. *Canadian Journal of Chemistry*, **2005**, 83, 1799-1807	0.9	11
5	X-ray crystal structures of two polymorphic forms, monoclinic and triclinic, of: 1-[(E)-2-(4-bromophenyl)1-diazenyl]-3-({3-[(E)-2-(4-bromophenyl)-1-diazenyl]-6-ethylhexahydro-1-pyrimidinyl}methyl)-4-e *Journal of Chemical Crystallography*, **2005**, 35, 821-828	0.5	1
4	Estimating the benefit of quarantine: eradicating invasive cane toads from islands. *NeoBiota*,60, 117-136	4.2	1
3	Rapid assessment of the biodiversity impacts of the 2019–2020 Australian megafires to guide urgent management intervention and recovery and lessons for other regions. *Diversity and Distributions*,	5	4

2	Policy-relevant indicators for invasive alien species assessment and reporting		2
1	A demographic framework for understanding fire-driven reptile declines in the land of the lizardsV *Global Ecology and Biogeography*,	6.1	1