

David R Roberts

List of Publications by Citations

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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.

21
papers

1,383
citations

16
h-index

21
g-index

21
ext. papers

1,883
ext. citations

6.9
avg, IF

4.7
L-index

#	Paper	IF	Citations
21	Cross-validation strategies for data with temporal, spatial, hierarchical, or phylogenetic structure. <i>Ecography</i> , 2017 , 40, 913-929	6.5	566
20	Velocity of climate change algorithms for guiding conservation and management. <i>Global Change Biology</i> , 2015 , 21, 997-1004	11.4	107
19	Model averaging in ecology: a review of Bayesian, information-theoretic, and tactical approaches for predictive inference. <i>Ecological Monographs</i> , 2018 , 88, 485-504	9	105
18	Douglas-fir plantations in Europe: a retrospective test of assisted migration to address climate change. <i>Global Change Biology</i> , 2014 , 20, 2607-17	11.4	85
17	Biotic and Climatic Velocity Identify Contrasting Areas of Vulnerability to Climate Change. <i>PLoS ONE</i> , 2015 , 10, e0140486	3.7	65
16	Glacial refugia and modern genetic diversity of 22 western North American tree species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20142903	4.4	63
15	Scale-dependent complementarity of climatic velocity and environmental diversity for identifying priority areas for conservation under climate change. <i>Global Change Biology</i> , 2017 , 23, 4508-4520	11.4	61
14	Predicting potential climate change impacts with bioclimate envelope models: a palaeoecological perspective. <i>Global Ecology and Biogeography</i> , 2012 , 21, 121-133	6.1	60
13	Genome-wide admixture and ecological niche modelling reveal the maintenance of species boundaries despite long history of interspecific gene flow. <i>Molecular Ecology</i> , 2014 , 23, 2046-59	5.7	50
12	Climatic, topographic, and anthropogenic factors determine connectivity between current and future climate analogs in North America. <i>Global Change Biology</i> , 2018 , 24, 5318-5331	11.4	47
11	Method selection for species distribution modelling: are temporally or spatially independent evaluations necessary?. <i>Ecography</i> , 2012 , 35, 792-802	6.5	33
10	Distribution and protection of climatic refugia in North America. <i>Conservation Biology</i> , 2018 , 32, 1414-1425	11.4	31
9	Idiosyncratic responses of grizzly bear habitat to climate change based on projected food resource changes 2014 , 24, 1144-54		26
8	Climate refugia and migration requirements in complex landscapes. <i>Ecography</i> , 2016 , 39, 1238-1246	6.5	22
7	Advances in phenology are conserved across scale in present and future climates. <i>Nature Climate Change</i> , 2019 , 9, 419-425	21.4	19
6	Accelerated seed dispersal along linear disturbances in the Canadian oil sands region. <i>Scientific Reports</i> , 2018 , 8, 4828	4.9	17
5	Post-glacial biogeography of trembling aspen inferred from habitat models and genetic variance in quantitative traits. <i>Scientific Reports</i> , 2017 , 7, 4672	4.9	7

4	A synthetic review of terrestrial biological research from the Alberta oil sands region: 10 years of published literature. <i>Integrated Environmental Assessment and Management</i> , 2021 ,	2.5	7
3	Assessments of downscaled climate data with a high-resolution weather station network reveal consistent but predictable bias. <i>International Journal of Climatology</i> , 2019 , 39, 3091-3103	3.5	6
2	An integrated knowledge synthesis of regional ambient monitoring in Canada's oil sands. <i>Integrated Environmental Assessment and Management</i> , 2021 ,	2.5	6
1	Statistical tools for water quality assessment and monitoring in river ecosystems: A scoping review and recommendations for data analysis. <i>Water Quality Research Journal of Canada</i> , 2022 , 57, 40-57	1.7	0