

Mao-Ning Tuanmu

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.

32
papers

3,270
citations

19
h-index

36
g-index

36
ext. papers

4,317
ext. citations

9
avg, IF

4.99
L-index

#	Paper	IF	Citations
32	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. <i>Science</i> , 2017 , 355,	33.3	1215
31	Mapping tree density at a global scale. <i>Nature</i> , 2015 , 525, 201-5	50.4	402
30	A global 1-km consensus land-cover product for biodiversity and ecosystem modelling. <i>Global Ecology and Biogeography</i> , 2014 , 23, 1031-1045	6.1	217
29	Will remote sensing shape the next generation of species distribution models?. <i>Remote Sensing in Ecology and Conservation</i> , 2015 , 1, 4-18	5.3	189
28	A suite of global, cross-scale topographic variables for environmental and biodiversity modeling. <i>Scientific Data</i> , 2018 , 5, 180040	8.2	165
27	Climate-change impacts on understory bamboo species and giant pandas in China's Qinling Mountains. <i>Nature Climate Change</i> , 2013 , 3, 249-253	21.4	117
26	A global, remote sensing-based characterization of terrestrial habitat heterogeneity for biodiversity and ecosystem modelling. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1329-1339	6.1	114
25	Mapping understory vegetation using phenological characteristics derived from remotely sensed data. <i>Remote Sensing of Environment</i> , 2010 , 114, 1833-1844	13.2	102
24	Managing consequences of climate-driven species redistribution requires integration of ecology, conservation and social science. <i>Biological Reviews</i> , 2018 , 93, 284-305	13.5	91
23	Cheatgrass (<i>Bromus tectorum</i>) distribution in the intermountain Western United States and its relationship to fire frequency, seasonality, and ignitions. <i>Biological Invasions</i> , 2018 , 20, 1493-1506	2.7	86
22	Evaluating the efficacy of zoning designations for protected area management. <i>Biological Conservation</i> , 2011 , 144, 3028-3037	6.2	79
21	Nonlinear effects of group size on collective action and resource outcomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 10916-21	11.5	78
20	Temporal transferability of wildlife habitat models: implications for habitat monitoring. <i>Journal of Biogeography</i> , 2011 , 38, 1510-1523	4.1	65
19	Empirical evidence for the scale dependence of biotic interactions. <i>Global Ecology and Biogeography</i> , 2015 , 24, 750-761	6.1	56
18	Range-wide analysis of wildlife habitat: Implications for conservation. <i>Biological Conservation</i> , 2010 , 143, 1960-1969	6.2	56
17	Effects of payments for ecosystem services on wildlife habitat recovery. <i>Conservation Biology</i> , 2016 , 30, 827-35	6	31
16	Impact of livestock on giant pandas and their habitat. <i>Journal for Nature Conservation</i> , 2014 , 22, 256-264	2.3	31

15	Scaling up the diversity-resilience relationship with trait databases and remote sensing data: the recovery of productivity after wildfire. <i>Global Change Biology</i> , 2016 , 22, 1421-32	11.4	31
14	Using multi-timescale methods and satellite-derived land surface temperature for the interpolation of daily maximum air temperature in Oregon. <i>International Journal of Climatology</i> , 2015 , 35, 3862-3878	3.5	27
13	The Interplay Between Landscape Structure and Biotic Interactions. <i>Current Landscape Ecology Reports</i> , 2017 , 2, 12-29	3.2	19
12	Relationship between floristic similarity and vegetated land surface phenology: Implications for the synoptic monitoring of species diversity at broad geographic regions. <i>Remote Sensing of Environment</i> , 2012 , 121, 488-496	13.2	19
11	Asynchronous evolution of interdependent nest characters across the avian phylogeny. <i>Nature Communications</i> , 2018 , 9, 1863	17.4	17
10	An Assessment of Methods and Remote-Sensing Derived Covariates for Regional Predictions of 1 km Daily Maximum Air Temperature. <i>Remote Sensing</i> , 2014 , 6, 8639-8670	5	15
9	Does scale matter? A systematic review of incorporating biological realism when predicting changes in species distributions. <i>PLoS ONE</i> , 2018 , 13, e0194650	3.7	14
8	Among-species overlap in rodent body size distributions predicts species richness along a temperature gradient. <i>Ecography</i> , 2018 , 41, 1718-1727	6.5	12
7	New insights into the patterns and drivers of avian altitudinal migration from a growing crowdsourcing data source. <i>Ecography</i> , 2021 , 44, 75-86	6.5	6
6	Integrating phylogeographic and ecological niche approaches to delimitating cryptic lineages in the blue-green damselfish (). <i>PeerJ</i> , 2019 , 7, e7384	3.1	4
5	Bat Diversity in Cat Ba Biosphere Reserve, Northeastern Vietnam: A Review with New Records from Mangrove Ecosystem. <i>Diversity</i> , 2021 , 13, 376	2.5	4
4	A second horizon scan of biogeography: Golden Ages, Midas touches, and the Red Queen. <i>Frontiers of Biogeography</i> , 2016 , 8,	2.9	3
3	A trait dataset for Taiwan's breeding birds. <i>Biodiversity Data Journal</i> , 2020 , 8, e49735	1.8	2
2	SILIC: A cross database framework for automatically extracting robust biodiversity information from soundscape recordings based on object detection and a tiny training dataset. <i>Ecological Informatics</i> , 2022 , 68, 101534	4.2	1
1	Effects of artificial light at night on the nest-site selection, reproductive success and behavior of a synanthropic bird. <i>Environmental Pollution</i> , 2021 , 288, 117805	9.3	1