Mathias W Tobler

List of Publications by Year
in descending order

43 papers	**3,612** citations	257450 **24** h-index	243625 **44** g-index
45 all docs	**45** docs citations	**45** times ranked	**4741** citing authors

#	Article	IF	Citations
1	Averting biodiversity collapse in tropical forest protected areas. Nature, 2012, 489, 290-294.	27.8	909
2	An evaluation of camera traps for inventorying large‐and medium‐sized terrestrial rainforest mammals. Animal Conservation, 2008, 11, 169-178.	2.9	560
3	Recommended guiding principles for reporting on camera trapping research. Biodiversity and Conservation, 2014, 23, 2321-2343.	2.6	222
4	Estimating jaguar densities with camera traps: Problems with current designs and recommendations for future studies. Biological Conservation, 2013, 159, 109-118.	4.1	174
5	Remote sensing of floodplain geomorphology as a surrogate for biodiversity in a tropical river system (Madre de Dios, Peru). Geomorphology, 2007, 89, 23-38.	2.6	158
6	Habitat use, activity patterns and use of mineral licks by five species of ungulate in south-eastern Peru. Journal of Tropical Ecology, 2009, 25, 261-270.	1.1	151
7	Spatiotemporal hierarchical modelling of species richness and occupancy using camera trap data. Journal of Applied Ecology, 2015, 52, 413-421.	4.0	138
8	Density trends and demographic signals uncover the long‐term impact of transmissible cancer in Tasmanian devils. Journal of Applied Ecology, 2018, 55, 1368-1379.	4.0	128
9	The impact of cattle ranching on large-scale vegetation patterns in a coastal savanna in Tanzania. Journal of Applied Ecology, 2003, 40, 430-444.	4.0	112
10	Joint species distribution models with species correlations and imperfect detection. Ecology, 2019, 100, e02754.	3.2	94
11	High jaguar densities and large population sizes in the core habitat of the southwestern Amazon. Biological Conservation, 2013, 159, 375-381.	4.1	81
12	Estimating mammalian species richness and occupancy in tropical forest canopies with arboreal camera traps. Remote Sensing in Ecology and Conservation, 2017, 3, 146-157.	4.3	77
13	Spatial and temporal response of wildlife to recreational activities in the San Francisco Bay ecoregion. Biological Conservation, 2017, 207, 117-126.	4.1	72
14	Implications of collection patterns of botanical specimens on their usefulness for conservation planning: an example of two neotropical plant families (Moraceae and Myristicaceae) in Peru. Biodiversity and Conservation, 2007, 16, 659-677.	2.6	62
15	Frugivory and Seed Dispersal by the Lowland Tapir *Tapirus terrestris* in the Peruvian Amazon. Biotropica, 2010, 42, 215-222.	1.6	52
16	Peatlands of the Madre de Dios River of Peru: Distribution, Geomorphology, and Habitat Diversity. Wetlands, 2012, 32, 359-368.	1.5	52
17	Human disturbance impacts on rainforest mammals are most notable in the canopy, especially for larger‐bodied species. Diversity and Distributions, 2019, 25, 1166-1178.	4.1	50
18	Sumatran tiger survival threatened by deforestation despite increasing densities in parks. Nature Communications, 2017, 8, 1783.	12.8	44

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19	Habitat Use and Diet of Baird's Tapirs (Tapirus bairdii) in a Montane Cloud Forest of the Cordillera de Talamanca, Costa Rica1. Biotropica, 2002, 34, 468-474.	1.6	43
20	Population history, phylogeography, and conservation genetics of the last Neotropical mega-herbivore, the lowland tapir (Tapirus terrestris). BMC Evolutionary Biology, 2010, 10, 278.	3.2	41
21	Do responsibly managed logging concessions adequately protect jaguars and other large and medium-sized mammals? Two case studies from Guatemala and Peru. Biological Conservation, 2018, 220, 245-253.	4.1	40
22	Environmental DNA metabarcoding as a useful tool for evaluating terrestrial mammal diversity in tropical forests. Ecological Applications, 2021, 31, e02335.	3.8	36
23	The potential and practice of arboreal camera trapping. Methods in Ecology and Evolution, 2021, 12, 1768-1779.	5.2	36
24	Further notes on the analysis of mammal inventory data collected with camera traps. Animal Conservation, 2008, 11, 187-189.	2.9	30
25	NEOTROPICAL CARNIVORES: a data set on carnivore distribution in the Neotropics. Ecology, 2020, 101, e03128.	3.2	26
26	Risks to carbon storage from land-use change revealed by peat thickness maps of Peru. Nature Geoscience, 2022, 15, 369-374.	12.9	25
27	Environmental and anthropogenic factors synergistically affect space use of jaguars. Current Biology, 2021, 31, 3457-3466.e4.	3.9	24
28	Estimates of density and sustainable harvest of the lowland tapir Tapirus terrestris in the Amazon of French Guiana using a Bayesian spatially explicit capture–recapture model. Oryx, 2014, 48, 410-419.	1.0	18
29	Jaguar Persecution Without "Cowflict" Insights From Protected Territories in the Bolivian Amazon. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	17
30	LED flashlight technology facilitates wild meat extraction across the tropics. Frontiers in Ecology and the Environment, 2020, 18, 489-495.	4.0	17
31	Patterns of Richness, Composition, and Distribution of Sphingid Moths Along an Elevational Gradient in the Andes-Amazon Region of Southeastern Peru. Annals of the Entomological Society of America, 2011, 104, 68-76.	2.5	16
32	Genetic population structure of Peninsular bighorn sheep (Ovis canadensis nelsoni) indicates substantial gene flow across US–Mexico border. Biological Conservation, 2015, 184, 218-228.	4.1	16
33	Behavior and detection method influence detection probability of a translocated, endangered amphibian. Animal Conservation, 2021, 24, 401-411.	2.9	16
34	Montane bias in lowland Amazonian peatlands: Plant assembly on heterogeneous landscapes and potential significance to palynological inference. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 423, 138-148.	2.3	15
35	New GPS technology improves fix success for large mammal collars in dense tropical forests. Journal of Tropical Ecology, 2009, 25, 217-221.	1.1	13
36	Ticks of the genus Amblyomma (Acari: Ixodidae) infesting tapirs (Tapirus terrestris) and peccaries (Tayassu pecari) in Peru. Systematic and Applied Acarology, 2015, 15, 109.	0.5	12

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37	Density trends of wild felids in northern Laos. Biodiversity and Conservation, 2021, 30, 1881-1897.	2.6	8
38	Identifying gaps in the photographic record of the vascular plant flora of the Americas. Nature Plants, 2021, 7, 1010-1014.	9.3	6
39	Camera settings and biome influence the accuracy of citizen science approaches to camera trap image classification. Ecology and Evolution, 2020, 10, 11954-11965.	1.9	5
40	Harpy eagles (Harpia harpyja) nesting at Refugio Amazonas, Tambopata, Peru feed on abundant disturbance-tolerant species. Food Webs, 2020, 24, e00154.	1.2	4
41	Genetic and ecological evidence of long‐term translocation success of the federally endangered Stephens' kangaroo rat. Conservation Science and Practice, 2021, 3, e478.	2.0	4
42	Tapirs in trouble: estimating Baird's tapir densities in the Sierra Madre de Chiapas, Mexico. Oryx, 2022, 56, 373-382.	1.0	3
43	Madagascar Terrestrial Camera Survey Database 2021: A collation of protected forest camera surveys from 2007–2021. Ecology, 2022, 103, e3687.	3.2	2