

Mathias W Tobler

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,612
citations

257450

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243625

44
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docs citations

45
times ranked

4741
citing authors

#	ARTICLE	IF	CITATIONS
1	Tapirs in trouble: estimating Baird's tapir densities in the Sierra Madre de Chiapas, Mexico. <i>Oryx</i> , 2022, 56, 373-382.	1.0	3
2	Madagascar Terrestrial Camera Survey Database 2021: A collation of protected forest camera surveys from 2007â€“2021. <i>Ecology</i> , 2022, 103, e3687.	3.2	2
3	Risks to carbon storage from land-use change revealed by peat thickness maps of Peru. <i>Nature Geoscience</i> , 2022, 15, 369-374.	12.9	25
4	Behavior and detection method influence detection probability of a translocated, endangered amphibian. <i>Animal Conservation</i> , 2021, 24, 401-411.	2.9	16
5	Density trends of wild felids in northern Laos. <i>Biodiversity and Conservation</i> , 2021, 30, 1881-1897.	2.6	8
6	Environmental DNA metabarcoding as a useful tool for evaluating terrestrial mammal diversity in tropical forests. <i>Ecological Applications</i> , 2021, 31, e02335.	3.8	36
7	Genetic and ecological evidence of long-term translocation success of the federally endangered Stephens' kangaroo rat. <i>Conservation Science and Practice</i> , 2021, 3, e478.	2.0	4
8	Identifying gaps in the photographic record of the vascular plant flora of the Americas. <i>Nature Plants</i> , 2021, 7, 1010-1014.	9.3	6
9	The potential and practice of arboreal camera trapping. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1768-1779.	5.2	36
10	Environmental and anthropogenic factors synergistically affect space use of jaguars. <i>Current Biology</i> , 2021, 31, 3457-3466.e4.	3.9	24
11	Harpy eagles (<i>Harpia harpyja</i>) nesting at Refugio Amazonas, Tambopata, Peru feed on abundant disturbance-tolerant species. <i>Food Webs</i> , 2020, 24, e00154.	1.2	4
12	Camera settings and biome influence the accuracy of citizen science approaches to camera trap image classification. <i>Ecology and Evolution</i> , 2020, 10, 11954-11965.	1.9	5
13	LED flashlight technology facilitates wild meat extraction across the tropics. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 489-495.	4.0	17
14	NEOTROPICAL CARNIVORES: a data set on carnivore distribution in the Neotropics. <i>Ecology</i> , 2020, 101, e03128.	3.2	26
15	Human disturbance impacts on rainforest mammals are most notable in the canopy, especially for larger-bodied species. <i>Diversity and Distributions</i> , 2019, 25, 1166-1178.	4.1	50
16	Joint species distribution models with species correlations and imperfect detection. <i>Ecology</i> , 2019, 100, e02754.	3.2	94
17	Jaguar Persecution Without â€œCowflictâ€“ Insights From Protected Territories in the Bolivian Amazon. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	17
18	Do responsibly managed logging concessions adequately protect jaguars and other large and medium-sized mammals? Two case studies from Guatemala and Peru. <i>Biological Conservation</i> , 2018, 220, 245-253.	4.1	40

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19	Density trends and demographic signals uncover the long-term impact of transmissible cancer in Tasmanian devils. <i>Journal of Applied Ecology</i> , 2018, 55, 1368-1379.	4.0	128
20	Estimating mammalian species richness and occupancy in tropical forest canopies with arboreal camera traps. <i>Remote Sensing in Ecology and Conservation</i> , 2017, 3, 146-157.	4.3	77
21	Spatial and temporal response of wildlife to recreational activities in the San Francisco Bay ecoregion. <i>Biological Conservation</i> , 2017, 207, 117-126.	4.1	72
22	Sumatran tiger survival threatened by deforestation despite increasing densities in parks. <i>Nature Communications</i> , 2017, 8, 1783.	12.8	44
23	Ticks of the genus <i>Amblyomma</i> (Acari: Ixodidae) infesting tapirs (<i>Tapirus terrestris</i>) and peccaries (<i>Tayassu pecari</i>) in Peru. <i>Systematic and Applied Acarology</i> , 2015, 15, 109.	0.5	12
24	Genetic population structure of Peninsular bighorn sheep (<i>Ovis canadensis nelsoni</i>) indicates substantial gene flow across US-Mexico border. <i>Biological Conservation</i> , 2015, 184, 218-228.	4.1	16
25	Spatiotemporal hierarchical modelling of species richness and occupancy using camera trap data. <i>Journal of Applied Ecology</i> , 2015, 52, 413-421.	4.0	138
26	Montane bias in lowland Amazonian peatlands: Plant assembly on heterogeneous landscapes and potential significance to palynological inference. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 423, 138-148.	2.3	15
27	Recommended guiding principles for reporting on camera trapping research. <i>Biodiversity and Conservation</i> , 2014, 23, 2321-2343.	2.6	222
28	Estimates of density and sustainable harvest of the lowland tapir <i>Tapirus terrestris</i> in the Amazon of French Guiana using a Bayesian spatially explicit capture-recapture model. <i>Oryx</i> , 2014, 48, 410-419.	1.0	18
29	Estimating jaguar densities with camera traps: Problems with current designs and recommendations for future studies. <i>Biological Conservation</i> , 2013, 159, 109-118.	4.1	174
30	High jaguar densities and large population sizes in the core habitat of the southwestern Amazon. <i>Biological Conservation</i> , 2013, 159, 375-381.	4.1	81
31	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012, 489, 290-294.	27.8	909
32	Peatlands of the Madre de Dios River of Peru: Distribution, Geomorphology, and Habitat Diversity. <i>Wetlands</i> , 2012, 32, 359-368.	1.5	52
33	Patterns of Richness, Composition, and Distribution of Sphingid Moths Along an Elevational Gradient in the Andes-Amazon Region of Southeastern Peru. <i>Annals of the Entomological Society of America</i> , 2011, 104, 68-76.	2.5	16
34	Population history, phylogeography, and conservation genetics of the last Neotropical mega-herbivore, the lowland tapir (<i>Tapirus terrestris</i>). <i>BMC Evolutionary Biology</i> , 2010, 10, 278.	3.2	41
35	Frugivory and Seed Dispersal by the Lowland Tapir <i>Tapirus terrestris</i> in the Peruvian Amazon. <i>Biotropica</i> , 2010, 42, 215-222.	1.6	52
36	Habitat use, activity patterns and use of mineral licks by five species of ungulate in south-eastern Peru. <i>Journal of Tropical Ecology</i> , 2009, 25, 261-270.	1.1	151

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37	New GPS technology improves fix success for large mammal collars in dense tropical forests. <i>Journal of Tropical Ecology</i> , 2009, 25, 217-221.	1.1	13
38	An evaluation of camera traps for inventorying large and medium-sized terrestrial rainforest mammals. <i>Animal Conservation</i> , 2008, 11, 169-178.	2.9	560
39	Further notes on the analysis of mammal inventory data collected with camera traps. <i>Animal Conservation</i> , 2008, 11, 187-189.	2.9	30
40	Remote sensing of floodplain geomorphology as a surrogate for biodiversity in a tropical river system (Madre de Dios, Peru). <i>Geomorphology</i> , 2007, 89, 23-38.	2.6	158
41	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. <i>Biodiversity and Conservation</i> , 2007, 16, 659-677.	2.6	62
42	The impact of cattle ranching on large-scale vegetation patterns in a coastal savanna in Tanzania. <i>Journal of Applied Ecology</i> , 2003, 40, 430-444.	4.0	112
43	Habitat Use and Diet of Baird's Tapirs (<i>Tapirus bairdii</i>) in a Montane Cloud Forest of the Cordillera de Talamanca, Costa Rica. <i>Biotropica</i> , 2002, 34, 468-474.	1.6	43