

T Mitchell Aide

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

12,416
citations

23567

58
h-index

24982

109
g-index

113
all docs

113
docs citations

113
times ranked

11947
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of artificial light on bat richness and nocturnal soundscapes along an urbanization gradient in an arid landscape of central Peru. <i>Urban Ecosystems</i> , 2022, 25, 563-574.	2.4	9
2	A general pattern of trade-offs between ecosystem resistance and resilience to tropical cyclones. <i>Science Advances</i> , 2022, 8, eabl9155.	10.3	26
3	Strong floristic distinctiveness across Neotropical successional forests. <i>Science Advances</i> , 2022, 8, .	10.3	10
4	Impacts of a drought and hurricane on tropical bird and frog distributions. <i>Ecosphere</i> , 2021, 12, e03352.	2.2	11
5	Bird Occupancy of a Neotropical Forest Fragment Is Mostly Stable over 17 Years but Influenced by Forest Age. <i>Diversity</i> , 2021, 13, 50.	1.7	6
6	Climate change is creating a mismatch between protected areas and suitable habitats for frogs and birds in Puerto Rico. <i>Biodiversity and Conservation</i> , 2021, 30, 3509-3528.	2.6	5
7	How does FSC forest certification affect the acoustically active fauna in Madre de Dios, Peru?. <i>Remote Sensing in Ecology and Conservation</i> , 2020, 6, 274-285.	4.3	30
8	Beyond deforestation: Land cover transitions in Mexico. <i>Agricultural Systems</i> , 2020, 178, 102734.	6.1	52
9	Reversals of Reforestation Across Latin America Limit Climate Mitigation Potential of Tropical Forests. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	2.3	43
10	A pipeline for identification of bird and frog species in tropical soundscape recordings using a convolutional neural network. <i>Ecological Informatics</i> , 2020, 59, 101113.	5.2	74
11	The Socio-Economic and Environmental Variables Associated with Hotspots of Infrastructure Expansion in South America. <i>Remote Sensing</i> , 2020, 12, 116.	4.0	6
12	Using nighttime lights to assess infrastructure expansion within and around protected areas in South America. <i>Environmental Research Communications</i> , 2020, 2, 021002.	2.3	11
13	Haiti has more forest than previously reported: land change 2000–2015. <i>PeerJ</i> , 2020, 8, e9919.	2.0	9
14	Improve Long-Term Biodiversity Management and Monitoring on Certified Oil Palm Plantations in Colombia by Centralizing Efforts at the Sector Level. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	2.3	3
15	Recovery of amphibian, reptile, bird and mammal diversity during secondary forest succession in the tropics. <i>Oikos</i> , 2019, 128, 1065-1078.	2.7	60
16	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.	10.3	291
17	Woody vegetation dynamics in the tropical and subtropical Andes from 2001 to 2014: Satellite image interpretation and expert validation. <i>Global Change Biology</i> , 2019, 25, 2112-2126.	9.5	73
18	Using soundscapes to assess biodiversity in Neotropical oil palm landscapes. <i>Landscape Ecology</i> , 2019, 34, 911-923.	4.2	24

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19	The neotropical reforestation hotspots: A biophysical and socioeconomic typology of contemporary forest expansion. <i>Global Environmental Change</i> , 2019, 54, 148-159.	7.8	68
20	Built-up expansion between 2001 and 2011 in South America continues well beyond the cities. <i>Environmental Research Letters</i> , 2018, 13, 084006.	5.2	30
21	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018, 2, 1104-1111.	7.8	107
22	It's time to listen: there is much to be learned from the sounds of tropical ecosystems. <i>Biotropica</i> , 2018, 50, 713-718.	1.6	74
23	Characterizing commercial oil palm expansion in Latin America: land use change and trade. <i>Environmental Research Letters</i> , 2017, 12, 024008.	5.2	126
24	Soundscape analysis and acoustic monitoring document impacts of natural gas exploration on biodiversity in a tropical forest. <i>Ecological Indicators</i> , 2017, 74, 39-48.	6.3	91
25	Land system science in Latin America: challenges and perspectives. <i>Current Opinion in Environmental Sustainability</i> , 2017, 26-27, 37-46.	6.3	44
26	Have bird distributions shifted along an elevational gradient on a tropical mountain?. <i>Ecology and Evolution</i> , 2017, 7, 9914-9924.	1.9	50
27	Species Richness (of Insects) Drives the Use of Acoustic Space in the Tropics. <i>Remote Sensing</i> , 2017, 9, 1096.	4.0	66
28	Changes in the acoustic structure and composition along a tropical elevational gradient. <i>Journal of Ecoacoustics</i> , 2017, 1, 1-1.	1.5	18
29	Lowland extirpation of anuran populations on a tropical mountain. <i>PeerJ</i> , 2017, 5, e4059.	2.0	27
30	Functional convergence and phylogenetic divergence during secondary succession of subtropical wet forests in Puerto Rico. <i>Journal of Vegetation Science</i> , 2016, 27, 283-294.	2.2	60
31	A biodiversity hotspot losing its top predator: The challenge of jaguar conservation in the Atlantic Forest of South America. <i>Scientific Reports</i> , 2016, 6, 37147.	3.3	108
32	Impacts of Small-Scale Gold Mining on Birds and Anurans Near the Tambopata Natural Reserve, Peru, Assessed Using Passive Acoustic Monitoring. <i>Tropical Conservation Science</i> , 2016, 9, 832-851.	1.2	57
33	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016, 2, e1501639.	10.3	423
34	Improving distribution data of threatened species by combining acoustic monitoring and occupancy modelling. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1340-1348.	5.2	117
35	Toward an integrated monitoring framework to assess the effects of tropical forest degradation and recovery on carbon stocks and biodiversity. <i>Global Change Biology</i> , 2016, 22, 92-109.	9.5	165
36	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.	27.8	763

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37	Cropland/pastureland dynamics and the slowdown of deforestation in Latin America. <i>Environmental Research Letters</i> , 2015, 10, 034017.	5.2	182
38	Global demand for gold is another threat for tropical forests. <i>Environmental Research Letters</i> , 2015, 10, 014006.	5.2	117
39	Reply to Skutsch et al.. <i>Land Use Policy</i> , 2014, 39, 388-389.	5.6	2
40	Land cover changes in the LachuÃ¡j region, Guatemala: patterns, proximate causes, and underlying driving forces over the last 50 years. <i>Regional Environmental Change</i> , 2014, 14, 1139-1149.	2.9	15
41	Identifying hotspots of deforestation and reforestation in Colombia (2001-2010): implications for protected areas. <i>Ecosphere</i> , 2013, 4, 1-21.	2.2	62
42	Contrasting Patterns of Urban Expansion in Colombia, Ecuador, Peru, and Bolivia Between 1992 and 2009. <i>Ambio</i> , 2013, 42, 29-40.	5.5	36
43	Deforestation and Reforestation of Latin America and the Caribbean (2001-2010). <i>Biotropica</i> , 2013, 45, 262-271.	1.6	528
44	Consequences of the Armed Conflict, Forced Human Displacement, and Land Abandonment on Forest Cover Change in Colombia: A Multi-scaled Analysis. <i>Ecosystems</i> , 2013, 16, 1052-1070.	3.4	102
45	Vegetation change in Brazil's dryland ecoregions and the relationship to crop production and environmental factors: Cerrado, Caatinga, and Mato Grosso, 2001-2009. <i>Journal of Land Use Science</i> , 2013, 8, 123-153.	2.2	46
46	Oil palm plantations in Colombia: a model of future expansion. <i>Environmental Science and Policy</i> , 2013, 27, 172-183.	4.9	149
47	Variable response of anuran calling activity to daily precipitation and temperature: implications for climate change. <i>Ecosphere</i> , 2013, 4, 1-12.	2.2	61
48	Vegetation change and land tenure in Mexico: A country-wide analysis. <i>Land Use Policy</i> , 2013, 30, 355-364.	5.6	64
49	Real-time bioacoustics monitoring and automated species identification. <i>PeerJ</i> , 2013, 1, e103.	2.0	315
50	Mapping Urbanization Dynamics in Major Cities of Colombia, Ecuador, Peru, and Bolivia Using Night-Time Satellite Imagery. <i>Land</i> , 2013, 2, 37-59.	2.9	36
51	Land Change in the Greater Antilles between 2001 and 2010. <i>Land</i> , 2013, 2, 81-107.	2.9	42
52	Asymmetric forest transition driven by the interaction of socioeconomic development and environmental heterogeneity in Central America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8839-8844.	7.1	148
53	Impacts of internal and external policies on land change in Uruguay, 2001-2009. <i>Environmental Conservation</i> , 2012, 39, 122-131.	1.3	39
54	The influence of socioeconomic, environmental, and demographic factors on municipality-scale land-cover change in Mexico. <i>Regional Environmental Change</i> , 2012, 12, 543-557.	2.9	64

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55	The Relative Importance of Socioeconomic and Environmental Variables in Explaining Land Change in Bolivia, 2001–2010. <i>Annals of the American Association of Geographers</i> , 2012, 102, 778-807.	3.0	35
56	Recovery of amphibian species richness and composition in a chronosequence of secondary forests, northeastern Costa Rica. <i>Biological Conservation</i> , 2012, 146, 170-176.	4.1	40
57	Land change for all municipalities in Latin America and the Caribbean assessed from 250-m MODIS imagery (2001–2010). <i>Remote Sensing of Environment</i> , 2012, 126, 84-103.	11.0	88
58	Land Cover Change in Colombia: Surprising Forest Recovery Trends between 2001 and 2010. <i>PLoS ONE</i> , 2012, 7, e43943.	2.5	207
59	Virtual Interpretation of Earth Web-Interface Tool (VIEW-IT) for Collecting Land-Use/Land-Cover Reference Data. <i>Remote Sensing</i> , 2011, 3, 601-620.	4.0	77
60	Impacts of traffic noise on anuran and bird communities. <i>Urban Ecosystems</i> , 2011, 14, 415-427.	2.4	70
61	Implications of Rural–Urban Migration for Conservation of the Atlantic Forest and Urban Growth in Misiones, Argentina (1970–2030). <i>Ambio</i> , 2011, 40, 298-309.	5.5	38
62	A scalable approach to mapping annual land cover at 250 m using MODIS time series data: A case study in the Dry Chaco ecoregion of South America. <i>Remote Sensing of Environment</i> , 2010, 114, 2816-2832.	11.0	229
63	Hurricane Disturbance Alters Secondary Forest Recovery in Puerto Rico. <i>Biotropica</i> , 2010, 42, 149-157.	1.6	51
64	Effects of habitat and landscape characteristics on medium and large mammal species richness and composition in northern Uruguay. <i>Zoologia</i> , 2010, 27, 909-917.	0.5	26
65	A Contemporary Assessment of Change in Humid Tropical Forests. <i>Conservation Biology</i> , 2009, 23, 1386-1395.	4.7	401
66	Automated classification of bird and amphibian calls using machine learning: A comparison of methods. <i>Ecological Informatics</i> , 2009, 4, 206-214.	5.2	231
67	Balancing food production and nature conservation in the Neotropical dry forests of northern Argentina. <i>Global Change Biology</i> , 2008, 14, 985-997.	9.5	134
68	Past, present and future land-use in Xishuangbanna, China and the implications for carbon dynamics. <i>Forest Ecology and Management</i> , 2008, 255, 16-24.	3.2	149
69	Bird Community Dynamics and Habitat Associations in Karst, Mangrove and <i>Pterocarpus</i> Forest Fragments in an Urban Zone in Puerto Rico. <i>Caribbean Journal of Science</i> , 2008, 44, 402-416.	0.3	22
70	Agricultural Abandonment, Suburban Growth, and Forest Expansion in Puerto Rico between 1991 and 2000. <i>Ecology and Society</i> , 2008, 13, .	2.3	72
71	Thirty Years of Human Demography and Land-Use Change in the Atlantic Forest of Misiones, Argentina: an Evaluation of the Forest Transition Model. <i>Ecology and Society</i> , 2008, 13, .	2.3	95
72	HERPETOFAUNAL DYNAMICS DURING SECONDARY SUCCESSION. <i>Herpetologica</i> , 2007, 63, 35-50.	0.4	39

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73	Are Ruralâ€“Urban Migration and Sustainable Development Compatible in Mountain Systems?. Mountain Research and Development, 2007, 27, 119-123.	1.0	93
74	The Demography of <i>Miconia prasina</i> (Melastomataceae) During Secondary Succession in Puerto Rico. Biotropica, 2007, 39, 54-61.	1.6	10
75	Demand for rubber is causing the loss of high diversity rain forest in SW China. Biodiversity and Conservation, 2007, 16, 1731-1745.	2.6	237
76	An integrated approach for measuring urban forest restoration success. Urban Forestry and Urban Greening, 2006, 4, 55-68.	5.3	22
77	A Strategy for Restoration of Montane Forest in Anthropogenic Fern Thickets in the Dominican Republic. Restoration Ecology, 2006, 14, 526-536.	2.9	27
78	The influence of spatial scale on the genetic structure of a widespread tropical wetland tree, <i>Pterocarpus officinalis</i> (Fabaceae). Conservation Genetics, 2006, 7, 251-266.	1.5	16
79	Agriculture expansion and deforestation in seasonally dry forests of north-west Argentina. Environmental Conservation, 2005, 32, 140-148.	1.3	227
80	Restoration Success: How Is It Being Measured?. Restoration Ecology, 2005, 13, 569-577.	2.9	807
81	Globalization and Soybean Expansion into Semiarid Ecosystems of Argentina. Ambio, 2005, 34, 265-266.	5.5	72
82	Vegetation structure, species diversity, and ecosystem processes as measures of restoration success. Forest Ecology and Management, 2005, 218, 159-173.	3.2	182
83	Globalization and Soybean Expansion into Semiarid Ecosystems of Argentina. Ambio, 2005, 34, 265.	5.5	19
84	ECOLOGY: Enhanced: Globalization, Migration, and Latin American Ecosystems. Science, 2004, 305, 1915-1916.	12.6	422
85	Trends and scenarios of the carbon budget in postagricultural Puerto Rico (1936â€“2060). Global Change Biology, 2004, 10, 1163-1179.	9.5	25
86	Natural regeneration of subtropical montane forest after clearing fern thickets in the Dominican Republic. Journal of Tropical Ecology, 2004, 20, 483-486.	1.1	67
87	Short-term response of secondary forests to hurricane disturbance in Puerto Rico, USA. Forest Ecology and Management, 2004, 199, 379-393.	3.2	47
88	The Ecological Consequences of Socioeconomic and Land-Use Changes in Postagriculture Puerto Rico. BioScience, 2003, 53, 1159.	4.9	283
89	Title is missing!. Plant Ecology, 2002, 161, 75-87.	1.6	61
90	The Effect of Distance from Forest Edge on Seed Rain and Soil Seed Bank in a Tropical Pasture1. Biotropica, 2001, 33, 260-267.	1.6	177

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91	The Effect of Distance from Forest Edge on Seed Rain and Soil Seed Bank in a Tropical Pasture1. <i>Biotropica</i> , 2001, 33, 260.	1.6	46
92	Effect of plant density and light availability on leaf damage in <i>Manilkara bidentata</i> (Sapotaceae). <i>Journal of Tropical Ecology</i> , 2000, 16, 447-464.	1.1	26
93	Forest Regeneration in a Chronosequence of Tropical Abandoned Pastures: Implications for Restoration Ecology. <i>Restoration Ecology</i> , 2000, 8, 328-338.	2.9	449
94	Barriers to Forest Regeneration in an Abandoned Pasture in Puerto Rico. <i>Restoration Ecology</i> , 2000, 8, 350-360.	2.9	212
95	Cattle and Weedy Shrubs as Restoration Tools of Tropical Montane Rainforest. <i>Restoration Ecology</i> , 2000, 8, 370-379.	2.9	94
96	Leaf Phenology and Leaf Damage of Saplings in the Luquillo Experimental Forest, Puerto Rico1. <i>Biotropica</i> , 2000, 32, 415-422.	1.6	26
97	Land-Use History and Forest Regeneration in the Cayey Mountains, Puerto Rico. <i>Ecosystems</i> , 2000, 3, 217-228.	3.4	113
98	Leaf Phenology and Leaf Damage of Saplings in the Luquillo Experimental Forest, Puerto Rico1. <i>Biotropica</i> , 2000, 32, 415.	1.6	2
99	Title is missing!. <i>Plant Ecology</i> , 1999, 145, 307-315.	1.6	37
100	Geographic patterns of genetic diversity in <i>Poulsenia armata</i> (Moraceae): implications for the theory of Pleistocene refugia and the importance of riparian forest. <i>Journal of Biogeography</i> , 1998, 25, 695-705.	3.0	63
101	Land-Use Dynamics in a Post-Agricultural Puerto Rican Landscape (1936-1988). <i>Biotropica</i> , 1996, 28, 525.	1.6	156
102	Forest Recovery in Abandoned Cattle Pastures Along an Elevational Gradient in Northeastern Puerto Rico. <i>Biotropica</i> , 1996, 28, 537.	1.6	173
103	Barriers to Lowland Tropical Forest Restoration in the Sierra Nevada de Santa Marta, Colombia. <i>Restoration Ecology</i> , 1994, 2, 219-229.	2.9	289
104	Patterns of Leaf Development and Herbivory in a Tropical Understory Community. <i>Ecology</i> , 1993, 74, 455-466.	3.2	185
105	Patterns of Insect Herbivory, Growth, and Survivorship in Juveniles of a Neotropical Liana. <i>Ecology</i> , 1990, 71, 1412-1421.	3.2	66
106	PATTERNS OF FRUIT PRODUCTION IN A NEOTROPICAL ORCHID: POLLINATOR VS. RESOURCE LIMITATION. <i>American Journal of Botany</i> , 1989, 76, 67-73.	1.7	202
107	Red coloration of tropical young leaves: a possible antifungal defence?. <i>Journal of Tropical Ecology</i> , 1989, 5, 293-300.	1.1	101
108	Herbivory as a selective agent on the timing of leaf production in a tropical understory community. <i>Nature</i> , 1988, 336, 574-575.	27.8	126

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109	Limbfalls: A Major Cause of Sapling Mortality for Tropical Forest Plants. <i>Biotropica</i> , 1987, 19, 284.	1.6	91
110	Audio segmentation using Flattened Local Trimmed Range for ecological acoustic space analysis. <i>PeerJ Computer Science</i> , 0, 2, e70.	4.5	2