

T Mitchell Aide

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8931239/publications.pdf>

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	Restoration Success: How Is It Being Measured?. <i>Restoration Ecology</i> , 2005, 13, 569-577.	2.9	807
2	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.	27.8	763
3	Deforestation and Reforestation of Latin America and the Caribbean (2001–2010). <i>Biotropica</i> , 2013, 45, 262-271.	1.6	528
4	Forest Regeneration in a Chronosequence of Tropical Abandoned Pastures: Implications for Restoration Ecology. <i>Restoration Ecology</i> , 2000, 8, 328-338.	2.9	449
5	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016, 2, e1501639.	10.3	423
6	ECOLOGY: Enhanced: Globalization, Migration, and Latin American Ecosystems. <i>Science</i> , 2004, 305, 1915-1916.	12.6	422
7	A Contemporary Assessment of Change in Humid Tropical Forests. <i>Conservation Biology</i> , 2009, 23, 1386-1395.	4.7	401
8	Real-time bioacoustics monitoring and automated species identification. <i>PeerJ</i> , 2013, 1, e103.	2.0	315
9	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.	10.3	291
10	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
11	The Ecological Consequences of Socioeconomic and Land-Use Changes in Postagriculture Puerto Rico. <i>BioScience</i> , 2003, 53, 1159.	4.9	283
12	Demand for rubber is causing the loss of high diversity rain forest in SW China. <i>Biodiversity and Conservation</i> , 2007, 16, 1731-1745.	2.6	237
13	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
14	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
15	Agriculture expansion and deforestation in seasonally dry forests of north-west Argentina. <i>Environmental Conservation</i> , 2005, 32, 140-148.	1.3	227
16	Barriers to Forest Regeneration in an Abandoned Pasture in Puerto Rico. <i>Restoration Ecology</i> , 2000, 8, 350-360.	2.9	212
17	Land Cover Change in Colombia: Surprising Forest Recovery Trends between 2001 and 2010. <i>PLoS ONE</i> , 2012, 7, e43943.	2.5	207
18	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

#	ARTICLE	IF	CITATIONS
19	Patterns of Leaf Development and Herbivory in a Tropical Understory Community. <i>Ecology</i> , 1993, 74, 455-466.	3.2	185
20	Vegetation structure, species diversity, and ecosystem processes as measures of restoration success. <i>Forest Ecology and Management</i> , 2005, 218, 159-173.	3.2	182
21	Cropland/pastureland dynamics and the slowdown of deforestation in Latin America. <i>Environmental Research Letters</i> , 2015, 10, 034017.	5.2	182
22	The Effect of Distance from Forest Edge on Seed Rain and Soil Seed Bank in a Tropical Pasture1. <i>Biotropica</i> , 2001, 33, 260-267.	1.6	177
23	Forest Recovery in Abandoned Cattle Pastures Along an Elevational Gradient in Northeastern Puerto Rico. <i>Biotropica</i> , 1996, 28, 537.	1.6	173
24	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
25	Land-Use Dynamics in a Post-Agricultural Puerto Rican Landscape (1936-1988). <i>Biotropica</i> , 1996, 28, 525.	1.6	156
26	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
27	Oil palm plantations in Colombia: a model of future expansion. <i>Environmental Science and Policy</i> , 2013, 27, 172-183.	4.9	149
28	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
29	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
30	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
31	Characterizing commercial oil palm expansion in Latin America: land use change and trade. <i>Environmental Research Letters</i> , 2017, 12, 024008.	5.2	126
32	Global demand for gold is another threat for tropical forests. <i>Environmental Research Letters</i> , 2015, 10, 014006.	5.2	117
33	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
34	Land-Use History and Forest Regeneration in the Cayey Mountains, Puerto Rico. <i>Ecosystems</i> , 2000, 3, 217-228.	3.4	113
35	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
36	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018, 2, 1104-1111.	7.8	107

#	ARTICLE	IF	CITATIONS
37	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
38	Red coloration of tropical young leaves: a possible antifungal defence?. <i>Journal of Tropical Ecology</i> , 1989, 5, 293-300.	1.1	101
39	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
40	Cattle and Weedy Shrubs as Restoration Tools of Tropical Montane Rainforest. <i>Restoration Ecology</i> , 2000, 8, 370-379.	2.9	94
41	Are Ruralâ€“Urban Migration and Sustainable Development Compatible in Mountain Systems?. <i>Mountain Research and Development</i> , 2007, 27, 119-123.	1.0	93
42	Limbfalls: A Major Cause of Sapling Mortality for Tropical Forest Plants. <i>Biotropica</i> , 1987, 19, 284.	1.6	91
43	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
44	Land change for all municipalities in Latin America and the Caribbean assessed from 250-m MODIS imagery (2001â€“2010). <i>Remote Sensing of Environment</i> , 2012, 126, 84-103.	11.0	88
45	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
46	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
47	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
48	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
49	Globalization and Soybean Expansion into Semiarid Ecosystems of Argentina. <i>Ambio</i> , 2005, 34, 265-266.	5.5	72
50	Agricultural Abandonment, Suburban Growth, and Forest Expansion in Puerto Rico between 1991 and 2000. <i>Ecology and Society</i> , 2008, 13, .	2.3	72
51	Impacts of traffic noise on anuran and bird communities. <i>Urban Ecosystems</i> , 2011, 14, 415-427.	2.4	70
52	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
53	Natural regeneration of subtropical montane forest after clearing fern thickets in the Dominican Republic. <i>Journal of Tropical Ecology</i> , 2004, 20, 483-486.	1.1	67
54	Patterns of Insect Herbivory, Growth, and Survivorship in Juveniles of a Neotropical Liana. <i>Ecology</i> , 1990, 71, 1412-1421.	3.2	66

#	ARTICLE	IF	CITATIONS
55	Species Richness (of Insects) Drives the Use of Acoustic Space in the Tropics. <i>Remote Sensing</i> , 2017, 9, 1096.	4.0	66
56	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
57	Vegetation change and land tenure in Mexico: A country-wide analysis. <i>Land Use Policy</i> , 2013, 30, 355-364.	5.6	64
58	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
59	Identifying hotspots of deforestation and reforestation in Colombia (2001–2010): implications for protected areas. <i>Ecosphere</i> , 2013, 4, 1-21.	2.2	62
60	Title is missing!. <i>Plant Ecology</i> , 2002, 161, 75-87.	1.6	61
61	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
62	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
63	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
64	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
65	Beyond deforestation: Land cover transitions in Mexico. <i>Agricultural Systems</i> , 2020, 178, 102734.	6.1	52
66	Hurricane Disturbance Alters Secondary Forest Recovery in Puerto Rico. <i>Biotropica</i> , 2010, 42, 149-157.	1.6	51
67	Have bird distributions shifted along an elevational gradient on a tropical mountain?. <i>Ecology and Evolution</i> , 2017, 7, 9914-9924.	1.9	50
68	Short-term response of secondary forests to hurricane disturbance in Puerto Rico, USA. <i>Forest Ecology and Management</i> , 2004, 199, 379-393.	3.2	47
69	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
70	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
71	Land system science in Latin America: challenges and perspectives. <i>Current Opinion in Environmental Sustainability</i> , 2017, 26-27, 37-46.	6.3	44
72	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

#	ARTICLE	IF	CITATIONS
73	Land Change in the Greater Antilles between 2001 and 2010. <i>Land</i> , 2013, 2, 81-107.	2.9	42
74	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
75	HERPETOFAUNAL DYNAMICS DURING SECONDARY SUCCESSION. <i>Herpetologica</i> , 2007, 63, 35-50.	0.4	39
76	Impacts of internal and external policies on land change in Uruguay, 2001–2009. <i>Environmental Conservation</i> , 2012, 39, 122-131.	1.3	39
77	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
78	Title is missing!. <i>Plant Ecology</i> , 1999, 145, 307-315.	1.6	37
79	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
80	Mapping Urbanization Dynamics in Major Cities of Colombia, Ecuador, Perú, and Bolivia Using Night-Time Satellite Imagery. <i>Land</i> , 2013, 2, 37-59.	2.9	36
81	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
82	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
83	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
84	A Strategy for Restoration of Montane Forest in Anthropogenic Fern Thickets in the Dominican Republic. <i>Restoration Ecology</i> , 2006, 14, 526-536.	2.9	27
85	Lowland extirpation of anuran populations on a tropical mountain. <i>PeerJ</i> , 2017, 5, e4059.	2.0	27
86	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
87	Leaf Phenology and Leaf Damage of Saplings in the Luquillo Experimental Forest, Puerto Rico. <i>Biotropica</i> , 2000, 32, 415-422.	1.6	26
88	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
89	A general pattern of trade-offs between ecosystem resistance and resilience to tropical cyclones. <i>Science Advances</i> , 2022, 8, eabl9155.	10.3	26
90	Trends and scenarios of the carbon budget in postagricultural Puerto Rico (1936–2060). <i>Global Change Biology</i> , 2004, 10, 1163-1179.	9.5	25

#	ARTICLE	IF	CITATIONS
91	Using soundscapes to assess biodiversity in Neotropical oil palm landscapes. <i>Landscape Ecology</i> , 2019, 34, 911-923.	4.2	24
92	An integrated approach for measuring urban forest restoration success. <i>Urban Forestry and Urban Greening</i> , 2006, 4, 55-68.	5.3	22
93	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
94	Globalization and Soybean Expansion into Semiarid Ecosystems of Argentina. <i>Ambio</i> , 2005, 34, 265.	5.5	19
95	Changes in the acoustic structure and composition along a tropical elevational gradient. <i>Journal of Ecoacoustics</i> , 2017, 1, 1-1.	1.5	18
96	The influence of spatial scale on the genetic structure of a widespread tropical wetland tree, <i>Pterocarpus officinalis</i> (Fabaceae). <i>Conservation Genetics</i> , 2006, 7, 251-266.	1.5	16
97	Land cover changes in the Lachu'ñ 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
98	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
99	Impacts of a drought and hurricane on tropical bird and frog distributions. <i>Ecosphere</i> , 2021, 12, e03352.	2.2	11
100	The Demography of <i>Miconia prasina</i> (Melastomataceae) During Secondary Succession in Puerto Rico. <i>Biotropica</i> , 2007, 39, 54-61.	1.6	10
101	Strong floristic distinctiveness across Neotropical successional forests. <i>Science Advances</i> , 2022, 8, .	10.3	10
102	Haiti has more forest than previously reported: land change 2000–2015. <i>PeerJ</i> , 2020, 8, e9919.	2.0	9
103	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
104	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
105	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
106	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
107	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
108	Leaf Phenology and Leaf Damage of Saplings in the Luquillo Experimental Forest, Puerto Rico. <i>Biotropica</i> , 2000, 32, 415.	1.6	2

#	ARTICLE	IF	CITATIONS
109	Reply to Skutsch et al.. Land Use Policy, 2014, 39, 388-389.	5.6	2
110	Audio segmentation using Flattened Local Trimmed Range for ecological acoustic space analysis. PeerJ Computer Science, 0, 2, e70.	4.5	2