

# Matthew E Fagan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6235244/publications.pdf>

Version: 2024-02-01

28  
papers

1,285  
citations

394286

19  
h-index

501076

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple pathways of commodity crop expansion in tropical forest landscapes. <i>Environmental Research Letters</i> , 2014, 9, 074012.	2.2	160
2	Habitat suitability is a poor proxy for landscape connectivity during dispersal and mating movements. <i>Landscape and Urban Planning</i> , 2017, 161, 90-102.	3.4	114
3	Effects of human-modified landscapes on taxonomic, functional and phylogenetic dimensions of bat biodiversity. <i>Diversity and Distributions</i> , 2015, 21, 523-533.	1.9	111
4	Positive site selection bias in meta-analyses comparing natural regeneration to active forest restoration. <i>Science Advances</i> , 2018, 4, eaas9143.	4.7	105
5	How feasible are global forest restoration commitments?. <i>Conservation Letters</i> , 2020, 13, e12700.	2.8	91
6	Impact of the invasive shrub glossy buckthorn ( <i>Rhamnus frangula</i> L.) on juvenile recruitment by canopy trees. <i>Forest Ecology and Management</i> , 2004, 194, 95-107.	1.4	90
7	Land cover dynamics following a deforestation ban in northern Costa Rica. <i>Environmental Research Letters</i> , 2013, 8, 034017.	2.2	80
8	Mapping Species Composition of Forests and Tree Plantations in Northeastern Costa Rica with an Integration of Hyperspectral and Multitemporal Landsat Imagery. <i>Remote Sensing</i> , 2015, 7, 5660-5696.	1.8	57
9	Season-specific and guild-specific effects of anthropogenic landscape modification on metacommunity structure of tropical bats. <i>Journal of Animal Ecology</i> , 2015, 84, 373-385.	1.3	52
10	The ephemerality of secondary forests in southern Costa Rica. <i>Conservation Letters</i> , 2019, 12, e12607.	2.8	51
11	Coupled social and ecological outcomes of agricultural intensification in Costa Rica and the future of biodiversity conservation in tropical agricultural regions. <i>Global Environmental Change</i> , 2015, 32, 74-86.	3.6	45
12	How Long Do Restored Ecosystems Persist?. <i>Annals of the Missouri Botanical Garden</i> , 2017, 102, 258-265.	1.3	38
13	Mapping pine plantations in the southeastern U.S. using structural, spectral, and temporal remote sensing data. <i>Remote Sensing of Environment</i> , 2018, 216, 415-426.	4.6	31
14	A lesson unlearned? Underestimating tree cover in drylands biases global restoration maps. <i>Global Change Biology</i> , 2020, 26, 4679-4690.	4.2	30
15	Mechanistic insights into landscape genetic structure of two tropical amphibians using field-derived resistance surfaces. <i>Molecular Ecology</i> , 2015, 24, 580-595.	2.0	28
16	Conceptual Links between Landscape Diversity and Diet Diversity: A Roadmap for Transdisciplinary Research. <i>BioScience</i> , 2020, 70, 563-575.	2.2	28
17	The expansion of tree plantations across tropical biomes. <i>Nature Sustainability</i> , 2022, 5, 681-688.	11.5	28
18	Targeted reforestation could reverse declines in connectivity for understory birds in a tropical habitat corridor. <i>Ecological Applications</i> , 2016, 26, 1456-1474.	1.8	26

#	ARTICLE	IF	CITATIONS
19	Identifying Biases in Global Tree Cover Products: A Case Study in Costa Rica. <i>Forests</i> , 2019, 10, 853.	0.9	26
20	Forest pattern, not just amount, influences dietary quality in five African countries. <i>Global Food Security</i> , 2020, 25, 100331.	4.0	22
21	Environmental and spatial drivers of taxonomic, functional, and phylogenetic characteristics of bat communities in human-modified landscapes. <i>PeerJ</i> , 2016, 4, e2551.	0.9	19
22	Creating Landscape-Scale Site Index Maps for the Southeastern US Is Possible with Airborne LiDAR and Landsat Imagery. <i>Forests</i> , 2019, 10, 234.	0.9	13
23	Potential impacts of COVID-19 on tropical forest recovery. <i>Biotropica</i> , 2020, 52, 803-807.	0.8	12
24	Spectral Complexity of Hyperspectral Images: A New Approach for Mangrove Classification. <i>Remote Sensing</i> , 2021, 13, 2604.	1.8	11
25	Toucans descend to the forest floor to consume the eggs of ground-nesting birds. <i>Food Webs</i> , 2017, 10, 2-4.	0.5	9
26	Evaluating Forest Cover and Fragmentation in Costa Rica with a Corrected Global Tree Cover Map. <i>Remote Sensing</i> , 2020, 12, 3226.	1.8	2
27	Hierarchical distance sampling reveals increased population size and broader habitat use in the endangered Bahama Oriole. <i>Avian Conservation and Ecology</i> , 2021, 16, .	0.3	2
28	Comparing global and local maps of the Caribbean pine forests of Andros, home of the critically endangered Bahama Oriole. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 817.	1.3	2