

# 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  | The expansion of tree plantations across tropical biomes. <i>Nature Sustainability</i> , 2022, 5, 681-688.   | 11.5 | 28        |
| 2  | Spectral Complexity of Hyperspectral Images: A New Approach for Mangrove Classification. <i>Remote Sensing</i> , 2021, 13, 2604.   | 1.8  | 11        |
| 3  | 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         |
| 4  | 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         |
| 5  | Forest pattern, not just amount, influences dietary quality in five African countries. <i>Global Food Security</i> , 2020, 25, 100331.   | 4.0  | 22        |
| 6  | Potential impacts of COVID-19 on tropical forest recovery. <i>Biotropica</i> , 2020, 52, 803-807.  | 0.8  | 12        |
| 7  | 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         |
| 8  | A lesson unlearned? Underestimating tree cover in drylands biases global restoration maps. <i>Global Change Biology</i> , 2020, 26, 4679-4690.   | 4.2  | 30        |
| 9  | Conceptual Links between Landscape Diversity and Diet Diversity: A Roadmap for Transdisciplinary Research. <i>BioScience</i> , 2020, 70, 563-575.  | 2.2  | 28        |
| 10 | How feasible are global forest restoration commitments?. <i>Conservation Letters</i> , 2020, 13, e12700.   | 2.8  | 91        |
| 11 | Identifying Biases in Global Tree Cover Products: A Case Study in Costa Rica. <i>Forests</i> , 2019, 10, 853.  | 0.9  | 26        |
| 12 | 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        |
| 13 | The ephemerality of secondary forests in southern Costa Rica. <i>Conservation Letters</i> , 2019, 12, e12607.  | 2.8  | 51        |
| 14 | Positive site selection bias in meta-analyses comparing natural regeneration to active forest restoration. <i>Science Advances</i> , 2018, 4, eaas9143.                                    | 4.7  | 105       |
| 15 | 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        |
| 16 | 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         |
| 17 | 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       |
| 18 | How Long Do Restored Ecosystems Persist?. <i>Annals of the Missouri Botanical Garden</i> , 2017, 102, 258-265.   | 1.3  | 38        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |
| 22 | 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        |
| 23 | 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        |
| 24 | 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       |
| 25 | 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        |
| 26 | Multiple pathways of commodity crop expansion in tropical forest landscapes. <i>Environmental Research Letters</i> , 2014, 9, 074012.  | 2.2 | 160       |
| 27 | Land cover dynamics following a deforestation ban in northern Costa Rica. <i>Environmental Research Letters</i> , 2013, 8, 034017.   | 2.2 | 80        |
| 28 | 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        |