

Janet Franklin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7331134/publications.pdf>

Version: 2024-02-01

137
papers

9,652
citations

57758

44
h-index

53230

85
g-index

143
all docs

143
docs citations

143
times ranked

12322
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive vegetation mapping: geographic modelling of biospatial patterns in relation to environmental gradients. <i>Progress in Physical Geography</i> , 1995, 19, 474-499.	3.2	727
2	Plant diversity patterns in neotropical dry forests and their conservation implications. <i>Science</i> , 2016, 353, 1383-1387.	12.6	490
3	A standard protocol for reporting species distribution models. <i>Ecography</i> , 2020, 43, 1261-1277.	4.5	397
4	Moving beyond static species distribution models in support of conservation biogeography. <i>Diversity and Distributions</i> , 2010, 16, 321-330.	4.1	366
5	Climate change and ecosystems: threats, opportunities and solutions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190104.	4.0	333
6	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. <i>Ecological Monographs</i> , 2019, 89, e01370.	5.4	290
7	Modeling plant species distributions under future climates: how fine scale do climate projections need to be?. <i>Global Change Biology</i> , 2013, 19, 473-483.	9.5	289
8	Global change and terrestrial plant community dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3725-3734.	7.1	276
9	Predicting the distribution of shrub species in southern California from climate and terrain-derived variables. <i>Journal of Vegetation Science</i> , 1998, 9, 733-748.	2.2	269
10	Species distribution models in conservation biogeography: developments and challenges. <i>Diversity and Distributions</i> , 2013, 19, 1217-1223.	4.1	257
11	Incorporating spatial dependence in predictive vegetation models. <i>Ecological Modelling</i> , 2007, 202, 225-242.	2.5	212
12	Land-Cover Change Monitoring with Classification Trees Using Landsat TM and Ancillary Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2003, 69, 793-804.	0.6	168
13	Phylogenetic classification of the world's tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1837-1842.	7.1	144
14	The IUCN Red List of Ecosystems: Motivations, Challenges, and Applications. <i>Conservation Letters</i> , 2015, 8, 214-226.	5.7	141
15	A Convolutional Neural Network Classifier Identifies Tree Species in Mixed-Conifer Forest from Hyperspectral Imagery. <i>Remote Sensing</i> , 2019, 11, 2326.	4.0	126
16	A Neural Network Method for Efficient Vegetation Mapping. <i>Remote Sensing of Environment</i> , 1999, 70, 326-338.	11.0	125
17	Using a cellular automaton model to forecast the effects of urban growth on habitat pattern in southern California. <i>Ecological Complexity</i> , 2005, 2, 185-203.	2.9	108
18	The effects of future urban development on habitat fragmentation in the Santa Monica Mountains. , 2000, 15, 713-730.		105

#	ARTICLE	IF	CITATIONS
19	Effect of species rarity on the accuracy of species distribution models for reptiles and amphibians in southern California. <i>Diversity and Distributions</i> , 2009, 15, 167-177.	4.1	104
20	Mapping Wildfire Burn Severity in Southern California Forests and Shrublands Using Enhanced Thematic Mapper Imagery. <i>Geocarto International</i> , 2001, 16, 91-106.	3.5	94
21	Simulating fire frequency and urban growth in southern California coastal shrublands, USA. <i>Landscape Ecology</i> , 2007, 22, 431-445.	4.2	89
22	Big data for forecasting the impacts of global change on plant communities. <i>Global Ecology and Biogeography</i> , 2017, 26, 6-17.	5.8	83
23	Coniferous Forest Classification and Inventory Using Landsat and Digital Terrain Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 1986, GE-24, 139-149.	6.3	80
24	Species Distribution Modeling. , 2013, , 692-705.		73
25	Title is missing!. <i>Plant Ecology</i> , 2001, 156, 19-41.	1.6	68
26	Species prioritization for monitoring and management in regional multiple species conservation plans. <i>Diversity and Distributions</i> , 2008, 14, 462-471.	4.1	65
27	Enhancing a regional vegetation map with predictive models of dominant plant species in chaparral. <i>Applied Vegetation Science</i> , 2002, 5, 135-146.	1.9	64
28	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	5.8	62
29	Change over 70 years in a southern California chaparral community related to fire history. <i>Journal of Vegetation Science</i> , 2004, 15, 701-710.	2.2	60
30	Forecasts of habitat loss and fragmentation due to urban growth are sensitive to source of input data. <i>Journal of Environmental Management</i> , 2011, 92, 1882-1893.	7.8	60
31	Bioclimatic velocity: the pace of species exposure to climate change. <i>Diversity and Distributions</i> , 2014, 20, 169-180.	4.1	60
32	Geospatial tools address emerging issues in spatial ecology: a review and commentary on the Special Issue. <i>International Journal of Geographical Information Science</i> , 2011, 25, 337-365.	4.8	59
33	The Palaeo-Agulhas Plain: Temporal and spatial variation in an extraordinary extinct ecosystem of the Pleistocene of the Cape Floristic Region. <i>Quaternary Science Reviews</i> , 2020, 235, 106161.	3.0	59
34	The effects of Cyclone Waka on the structure of lowland tropical rain forest in Vava'u, Tonga. <i>Journal of Tropical Ecology</i> , 2004, 20, 409-420.	1.1	56
35	Space, time, connectivity and conflict in biological landscapes: the fourth special issue on spatial ecology. <i>International Journal of Geographical Information Science</i> , 2016, 30, 1-4.	4.8	56
36	Downscaling Last Glacial Maximum climate over southern Africa. <i>Quaternary Science Reviews</i> , 2019, 226, 105879.	3.0	54

#	ARTICLE	IF	CITATIONS
37	Recovery from clearing, cyclone and fire in rain forests of Tonga, South Pacific: Vegetation dynamics 1995â€“2005. <i>Austral Ecology</i> , 2007, 32, 789-797.	1.5	53
38	Uncertainty in assessing the impacts of global change with coupled dynamic species distribution and population models. <i>Global Change Biology</i> , 2013, 19, 858-869.	9.5	53
39	Vertebrate community on an ice-age Caribbean island. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5963-71.	7.1	53
40	Effects of biotic interactions on modeled species' distribution can be masked by environmental gradients. <i>Ecology and Evolution</i> , 2017, 7, 654-664.	1.9	53
41	Paleodistribution modeling in archaeology and paleoanthropology. <i>Quaternary Science Reviews</i> , 2015, 110, 1-14.	3.0	52
42	Disturbance and climate microrefugia mediate tree range shifts during climate change. <i>Landscape Ecology</i> , 2015, 30, 1039-1053.	4.2	52
43	Cumulative effects of land use, altered fire regime and climate change on persistence of <i>Ceanothus verrucosus</i> , a rare, fire-dependent plant species. <i>Global Change Biology</i> , 2010, 16, 2518-2529.	9.5	51
44	A new research strategy for integrating studies of paleoclimate, paleoenvironment, and paleoanthropology. <i>Evolutionary Anthropology</i> , 2015, 24, 62-72.	3.4	50
45	Altered Fire Regimes Affect Landscape Patterns of Plant Succession in the Foothills and Mountains of Southern California. <i>Ecosystems</i> , 2005, 8, 885-898.	3.4	48
46	Potential ecological impacts of climate intervention by reflecting sunlight to cool Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	46
47	High and dry: high elevations disproportionately exposed to regional climate change in Mediterranean-climate landscapes. <i>Landscape Ecology</i> , 2016, 31, 1063-1075.	4.2	43
48	Rain forest composition and patterns of secondary succession in the Vava'u Island Group, Tonga. <i>Journal of Vegetation Science</i> , 1999, 10, 51-64.	2.2	42
49	Waterbird community composition, abundance, and diversity along an urban gradient. <i>Landscape and Urban Planning</i> , 2018, 170, 103-111.	7.5	42
50	Comparing sample bias correction methods for species distribution modeling using virtual species. <i>Ecosphere</i> , 2021, 12, e03422.	2.2	42
51	Habitat fragmentation and altered fire regime create trade-offs for an obligate seeding shrub. <i>Ecology</i> , 2010, 91, 1114-1123.	3.2	41
52	How Landscape Ecology Informs Global Land-Change Science and Policy. <i>BioScience</i> , 2016, 66, 458-469.	4.9	41
53	The Last Glacial Maximum distribution of South African subtropical thicket inferred from community distribution modelling. <i>Journal of Biogeography</i> , 2013, 40, 310-322.	3.0	40
54	Spatial patterns of tropical forest trees in Western Polynesia suggest recruitment limitations during secondary succession. <i>Journal of Tropical Ecology</i> , 2007, 23, 1-12.	1.1	39

#	ARTICLE	IF	CITATIONS
55	Describing a drowned Pleistocene ecosystem: Last Glacial Maximum vegetation reconstruction of the Palaeo-Agulhas Plain. <i>Quaternary Science Reviews</i> , 2020, 235, 105866.	3.0	39
56	Environment, disturbance history and rain forest composition across the islands of Tonga, Western Polynesia. <i>Journal of Vegetation Science</i> , 2006, 17, 233-244.	2.2	38
57	Regional forcing explains local species diversity and turnover on tropical islands. <i>Global Ecology and Biogeography</i> , 2018, 27, 474-486.	5.8	38
58	Impact of a high-intensity fire on mixed evergreen and mixed conifer forests in the Peninsular Ranges of southern California, USA. <i>Forest Ecology and Management</i> , 2006, 235, 18-29.	3.2	36
59	Evaluation of assisted colonization strategies under global change for a rare, fire-dependent plant. <i>Global Change Biology</i> , 2012, 18, 936-947.	9.5	36
60	Variations in a regional fire regime related to vegetation type in San Diego County, California (USA). <i>Landscape Ecology</i> , 2004, 19, 139-152.	4.2	35
61	Effects of Cyclone Waka on flying foxes (<i>Pteropus tonganus</i>) in the Vava'u Islands of Tonga. <i>Journal of Tropical Ecology</i> , 2004, 20, 555-561.	1.1	35
62	Linking spatially explicit species distribution and population models to plan for the persistence of plant species under global change. <i>Environmental Conservation</i> , 2014, 41, 97-109.	1.3	35
63	Remotely Sensed Data for Ecosystem Analyses: Combining Hierarchy Theory and Scene Models. <i>Environmental Management</i> , 2003, 31, 429-441.	2.7	32
64	VIABILITY OF BELL'S SAGE SPARROW (<i>AMPHISPIZA BELLI</i> SSP. <i>BELLI</i>): ALTERED FIRE REGIMES. , 2005, 15, 521-531.		32
65	Changes in a West Indian bird community since the late Pleistocene. <i>Journal of Biogeography</i> , 2015, 42, 426-438.	3.0	32
66	More than climate? Predictors of tree canopy height vary with scale in complex terrain, Sierra Nevada, CA (USA). <i>Forest Ecology and Management</i> , 2019, 434, 142-153.	3.2	32
67	Geographically divergent evolutionary and ecological legacies shape mammal biodiversity in the global tropics and subtropics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1559-1565.	7.1	30
68	Spatial aggregation effects on the simulation of landscape pattern and ecological processes in southern California plant communities. <i>Ecological Modelling</i> , 2004, 180, 21-40.	2.5	29
69	Late-Holocene faunal and landscape change in the Bahamas. <i>Holocene</i> , 2014, 24, 220-230.	1.7	29
70	Species-environment patterns of forest vegetation on the uplifted reef limestone of Atiu, Mangaia, Ma'uke and Miti'aro, Cook Islands. <i>Journal of Vegetation Science</i> , 1992, 3, 3-14.	2.2	28
71	The Roles of Dispersal, Fecundity, and Predation in the Population Persistence of an Oak (<i>Quercus</i>)	2.5	28
72	Assessing and Prioritizing Ecological Communities for Monitoring in a Regional Habitat Conservation Plan. <i>Environmental Management</i> , 2008, 42, 165-179.	2.7	27

#	ARTICLE	IF	CITATIONS
73	Fire Management, Managed Relocation, and Land Conservation Options for Long-Lived Obligate Seeding Plants under Global Changes in Climate, Urbanization, and Fire Regime. <i>Conservation Biology</i> , 2014, 28, 1057-1067.	4.7	27
74	Shrinking windows of opportunity for oak seedling establishment in southern California mountains. <i>Ecosphere</i> , 2016, 7, e01573.	2.2	26
75	Predicting the assembly of novel communities in urban ecosystems. <i>Landscape Ecology</i> , 2021, 36, 1-15.	4.2	25
76	Conservation status of forests and vertebrate communities in the Vava'u Island Group, Tonga. <i>Pacific Conservation Biology</i> , 1999, 5, 191.	1.0	24
77	Regeneration and growth of pioneer and shade-tolerant rain forest trees in Tonga. <i>New Zealand Journal of Botany</i> , 2003, 41, 669-684.	1.1	24
78	Dispersal limitation, speciation, environmental filtering and niche differentiation influence forest tree communities in West Polynesia. <i>Journal of Biogeography</i> , 2013, 40, 988-999.	3.0	24
79	Cross-scale modeling of surface temperature and tree seedling establishment in mountain landscapes. <i>Ecological Processes</i> , 2013, 2, .	3.9	23
80	Remote Sensing for Biodiversity. , 2017, , 187-210.		23
81	Microplastic pollution on island beaches, Oahu, Hawai'i. <i>PLoS ONE</i> , 2021, 16, e0247224.	2.5	23
82	Effects of climate change and urban development on the distribution and conservation of vegetation in a Mediterranean type ecosystem. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1561-1589.	4.8	22
83	Averaged 30 year climate change projections mask opportunities for species establishment. <i>Ecography</i> , 2016, 39, 844-845.	4.5	22
84	Geographical ecology of dry forest tree communities in the West Indies. <i>Journal of Biogeography</i> , 2018, 45, 1168-1181.	3.0	22
85	Planning, implementing, and monitoring multiple-species habitat conservation plans. <i>American Journal of Botany</i> , 2011, 98, 559-571.	1.7	21
86	California forests show early indications of both range shifts and local persistence under climate change. <i>Global Ecology and Biogeography</i> , 2016, 25, 164-175.	5.8	21
87	Coupled land use and ecological models reveal emergence and feedbacks in socio-ecological systems. <i>Ecography</i> , 2019, 42, 814-825.	4.5	21
88	Spatial Point Pattern Analysis of Plants. <i>Advances in Spatial Science</i> , 2010, , 113-123.	0.6	20
89	Does functional type vulnerability to multiple threats depend on spatial context in Mediterranean climate regions?. <i>Diversity and Distributions</i> , 2013, 19, 1263-1274.	4.1	20
90	Fire and Invasive Plants on California Landscapes. <i>Ecological Studies</i> , 2011, , 193-221.	1.2	20

#	ARTICLE	IF	CITATIONS
91	Regional variation in Caribbean dry forest tree species composition. <i>Plant Ecology</i> , 2015, 216, 873-886.	1.6	18
92	Origin, paleoecology, and extirpation of bluebirds and crossbills in the Bahamas across the last glacial–interglacial transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9924-9929.	7.1	17
93	<scp>flexsdm</scp>: An <scp>r</scp> package for supporting a comprehensive and flexible species distribution modelling workflow. <i>Methods in Ecology and Evolution</i> , 2022, 13, 1661-1669.	5.2	17
94	State-of-the-art practices in farmland biodiversity monitoring for North America and Europe. <i>Ambio</i> , 2016, 45, 857-871.	5.5	16
95	What's hot in conservation biogeography in a changing climate? Going beyond species range dynamics. <i>Diversity and Distributions</i> , 2019, 25, 492-498.	4.1	16
96	The foraging potential of the Holocene Cape south coast of South Africa without the Palaeo-Agulhas Plain. <i>Quaternary Science Reviews</i> , 2020, 235, 105789.	3.0	16
97	Global tropical dry forest extent and cover: A comparative study of bioclimatic definitions using two climatic data sets. <i>PLoS ONE</i> , 2021, 16, e0252063.	2.5	16
98	Dispersal ecology of the lowland rain forest in the Vava'u island group, Kingdom of Tonga. <i>New Zealand Journal of Botany</i> , 2007, 45, 393-417.	1.1	15
99	Social–Spatial Analyses of Attitudes toward the Desert in a Southwestern U.S. City. <i>Annals of the American Association of Geographers</i> , 2019, 109, 1845-1864.	2.2	15
100	Vegetation dynamics and exotic plant invasion following high severity crown fire in a southern California conifer forest. <i>Plant Ecology</i> , 2010, 207, 281-295.	1.6	14
101	A fiery past: A comparison of glacial and contemporary fire regimes on the Palaeo-Agulhas Plain, Cape Floristic Region. <i>Quaternary Science Reviews</i> , 2020, 235, 106059.	3.0	14
102	Stratified Sampling for Field Survey of Environmental Gradients in the Mojave Desert Ecoregion. , 2001, , 229-253.		14
103	Forest Plant and Bird Communities in the Lau Group, Fiji. <i>PLoS ONE</i> , 2010, 5, e15685.	2.5	13
104	Discrimination of tropical vegetation types using SPOT multispectral data. <i>Geocarto International</i> , 1993, 8, 57-63.	3.5	12
105	Rationale and Conceptual Framework for Classification Approaches to Assess Forest Resources and Properties. , 2003, , 279-300.		12
106	Explicitly incorporating spatial dependence in predictive vegetation models in the form of explanatory variables: a Mojave Desert case study. <i>Journal of Geographical Systems</i> , 2006, 8, 411-435.	3.1	12
107	History as grounds for interdisciplinarity: promoting sustainable woodlands via an integrative ecological and socio-cultural perspective. <i>One Earth</i> , 2021, 4, 226-237.	6.8	12
108	A Preliminary Survey of Landbirds on Lakeba, Lau Group, Fiji. <i>Emu</i> , 2000, 100, 227-235.	0.6	11

#	ARTICLE	IF	CITATIONS
109	<i>Diversity and Distributions</i> is (still) a journal of conservation biogeography. <i>Diversity and Distributions</i> , 2016, 22, 1-2.	4.1	11
110	When the economic engine stalls â A multi-scale comparison of vegetation dynamics in pre- and post-recession Phoenix, Arizona, USA. <i>Landscape and Urban Planning</i> , 2016, 153, 140-148.	7.5	11
111	Late Holocene Historical Ecology: The Timing of Vertebrate Extirpation on Crooked Island, Commonwealth of The Bahamas. <i>Journal of Island and Coastal Archaeology</i> , 2017, 12, 572-584.	1.4	11
112	Species traits explain public perceptions of humanâbird interactions. <i>Ecological Applications</i> , 2022, 32, e2676.	3.8	11
113	Prehistoric species richness of birds on oceanic islands. <i>Oikos</i> , 2008, 117, 1885-1891.	2.7	10
114	Prioritizing conserved areas threatened by wildfire and fragmentation for monitoring and management. <i>PLoS ONE</i> , 2018, 13, e0200203.	2.5	10
115	Patterns of pine regeneration following a large, severe wildfire in the mountains of southern California. <i>Canadian Journal of Forest Research</i> , 2011, 41, 810-821.	1.7	9
116	Geospatial analysis of species, biodiversity and landscapes: introduction to the second special issue on spatial ecology. <i>International Journal of Geographical Information Science</i> , 2012, 26, 2003-2007.	4.8	9
117	Boomâbust economics and vegetation dynamics in a desert city: How strong is the link?. <i>Ecosphere</i> , 2017, 8, e01826.	2.2	9
118	A spatially explicit census reveals population structure and recruitment patterns for a narrowly endemic pine, <i>Pinus torreyana</i> . <i>Plant Ecology</i> , 2011, 212, 293-306.	1.6	8
119	Legacy effects of noâanalogue disturbances alter plant community diversity and composition in semiâarid sagebrush steppe. <i>Journal of Vegetation Science</i> , 2015, 26, 923-933.	2.2	8
120	Spatial sampling bias in the <i>Neotoma</i> paleoecological archives affects species paleo-distribution models. <i>Quaternary Science Reviews</i> , 2018, 198, 115-125.	3.0	8
121	Changing ecological communities along an elevation gradient in seasonally dry tropical forest on Hispaniola (Sierra MartÃn GarcÃa, Dominican Republic). <i>Biotropica</i> , 2019, 51, 802-816.	1.6	8
122	Bird populations and species lost to Late Quaternary environmental change and human impact in the Bahamas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26833-26841.	7.1	8
123	An expanded framework for wildlandâurban interfaces and their management. <i>Frontiers in Ecology and the Environment</i> , 2022, 20, 516-523.	4.0	7
124	Holocene vertebrates from a dry cave on Eleuthera Island, Commonwealth of The Bahamas. <i>Holocene</i> , 2018, 28, 806-813.	1.7	6
125	Global Change and the Vulnerability of Chaparral Ecosystems. <i>Bulletin of the Ecological Society of America</i> , 2018, 99, e01460.	0.2	6
126	Change over 70 years in a southern California chaparral community related to fire history. <i>Journal of Vegetation Science</i> , 2004, 15, 701.	2.2	6

#	ARTICLE	IF	CITATIONS
127	Species distribution and diversity, habitat selection and connectivity: introduction to the Third Special Issue on Spatial Ecology. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1527-1530.	4.8	5
128	Writing the future of biogeography. <i>Frontiers of Biogeography</i> , 2018, 10, .	1.8	5
129	Local niche differences predict genotype associations in sister taxa of desert tortoise. <i>Diversity and Distributions</i> , 2019, 25, 1194-1209.	4.1	5
130	ENM2020: A Free Online Course and Set of Resources on Modeling Species' Niches and Distributions. <i>Biodiversity Informatics</i> , 0, 17, .	3.0	5
131	History and ecological basis of species distribution modeling. , 2010, , 1-2.		4
132	Cumulative effects of land use, altered fire regime and climate change on persistence of <i>Ceanothus verrucosus</i> , a rare, fire-dependent plant species. <i>Global Change Biology</i> , 2012, 18, 2980-2980.	9.5	4
133	Paleoscape model of coastal South Africa during modern human origins. , 2015, , .		3
134	Modeling movement, distributions, diversity, and disturbance: introduction to the fifth special issue on spatial ecology. <i>International Journal of Geographical Information Science</i> , 2020, 34, 1503-1507.	4.8	2
135	Making Space in Geographical Analysis. <i>Geographical Analysis</i> , 2023, 55, 325-341.	3.5	2
136	Heterogeneous tree recruitment following disturbance in insular tropical forest, Kingdom of Tonga. <i>Journal of Tropical Ecology</i> , 2016, 32, 536-542.	1.1	1
137	Reply to Benkman: Hispaniolan crossbills formerly resided in the Bahamas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10033-E10033.	7.1	0