

Frank A La Sorte

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1687224/publications.pdf>

Version: 2024-02-01

83
papers

6,013
citations

87888

38
h-index

79698

73
g-index

83
all docs

83
docs citations

83
times ranked

6653
citing authors

#	ARTICLE	IF	CITATIONS
1	A multiscale assessment of the diversity of New Zealand's nursery trees. <i>Urban Forestry and Urban Greening</i> , 2022, 68, 127468.	5.3	0
2	Urban biodiversity: State of the science and future directions. <i>Urban Ecosystems</i> , 2022, 25, 1083-1096.	2.4	44
3	Assessing the combined threats of artificial light at night and air pollution for the world's nocturnally migrating birds. <i>Global Ecology and Biogeography</i> , 2022, 31, 912-924.	5.8	9
4	Continental-scale biomass redistribution by migratory birds in response to seasonal variation in productivity. <i>Global Ecology and Biogeography</i> , 2022, 31, 727-739.	5.8	9
5	Extreme uncertainty and unquantifiable bias do not inform population sizes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113862119.	7.1	11
6	Seasonal associations with light pollution trends for nocturnally migrating bird populations. <i>Ecosphere</i> , 2022, 13, .	2.2	12
7	The role of artificial light at night and road density in predicting the seasonal occurrence of nocturnally migrating birds. <i>Diversity and Distributions</i> , 2022, 28, 992-1009.	4.1	11
8	The correlation between eBird community science and weather surveillance radar-based estimates of migration phenology. <i>Global Ecology and Biogeography</i> , 2022, 31, 2219-2230.	5.8	5
9	Seasonal variation in the effects of artificial light at night on the occurrence of nocturnally migrating birds in urban areas. <i>Environmental Pollution</i> , 2021, 270, 116085.	7.5	22
10	A Research Agenda for Urban Biodiversity in the Global Extinction Crisis. <i>BioScience</i> , 2021, 71, 268-279.	4.9	51
11	The island biogeography of the eBird citizen science programme. <i>Journal of Biogeography</i> , 2021, 48, 628-638.	3.0	4
12	Phenological synchronization of seasonal bird migration with vegetation greenness across dietary guilds. <i>Journal of Animal Ecology</i> , 2021, 90, 343-355.	2.8	30
13	Global trends in the frequency and duration of temperature extremes. <i>Climatic Change</i> , 2021, 166, 1.	3.6	17
14	Bird strikes at commercial airports explained by citizen science and weather radar data. <i>Journal of Applied Ecology</i> , 2021, 58, 2029-2039.	4.0	14
15	Estimating the movements of terrestrial animal populations using broad-scale occurrence data. <i>Movement Ecology</i> , 2021, 9, 60.	2.8	8
16	Survey completeness of a global citizen science database of bird occurrence. <i>Ecography</i> , 2020, 43, 34-43.	4.5	66
17	Geographical associations with anthropogenic noise pollution for North American breeding birds. <i>Global Ecology and Biogeography</i> , 2020, 29, 148-158.	5.8	15
18	Phenology of nocturnal avian migration has shifted at the continental scale. <i>Nature Climate Change</i> , 2020, 10, 63-68.	18.8	86

#	ARTICLE	IF	CITATIONS
19	Area is the primary correlate of annual and seasonal patterns of avian species richness in urban green spaces. <i>Landscape and Urban Planning</i> , 2020, 203, 103892.	7.5	38
20	Statistical inference on tree swallow migrations with random forests. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 973-989.	1.0	5
21	Exposure to noise pollution across North American passerines supports the noise filter hypothesis. <i>Global Ecology and Biogeography</i> , 2020, 29, 1430-1434.	5.8	12
22	Measuring historical bird migration in the US using archived weather radar data and convolutional neural networks. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1908-1922.	5.2	40
23	Holding steady: Little change in intensity or timing of bird migration over the Gulf of Mexico. <i>Global Change Biology</i> , 2019, 25, 1106-1118.	9.5	59
24	Bright lights in the big cities: migratory birds' exposure to artificial light. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 209-214.	4.0	84
25	Higher Nest Predation Favors Rapid Fledging at the Cost of Plumage Quality in Nestling Birds. <i>American Naturalist</i> , 2019, 193, 717-724.	2.1	17
26	Time of emergence of novel climates for North American migratory bird populations. <i>Ecography</i> , 2019, 42, 1079-1091.	4.5	17
27	Projected changes in wind assistance under climate change for nocturnally migrating bird populations. <i>Global Change Biology</i> , 2019, 25, 589-601.	9.5	31
28	Opportunities and challenges for big data ornithology. <i>Condor</i> , 2018, 120, 414-426.	1.6	58
29	The phylogenetic and functional diversity of regional breeding bird assemblages is reduced and constricted through urbanization. <i>Diversity and Distributions</i> , 2018, 24, 928-938.	4.1	110
30	Seasonal abundance and survival of North America's migratory avifauna determined by weather radar. <i>Nature Ecology and Evolution</i> , 2018, 2, 1603-1609.	7.8	99
31	Seasonal associations with novel climates for North American migratory bird populations. <i>Ecology Letters</i> , 2018, 21, 845-856.	6.4	18
32	Navigating north: how body mass and winds shape avian flight behaviours across a North American migratory flyway. <i>Ecology Letters</i> , 2018, 21, 1055-1064.	6.4	37
33	Global Patterns and Drivers of Urban Bird Diversity. , 2017, , 13-33.		67
34	Projected changes in prevailing winds for transatlantic migratory birds under global warming. <i>Journal of Animal Ecology</i> , 2017, 86, 273-284.	2.8	23
35	British plants as aliens in New Zealand cities: residence time moderates their impact on the beta diversity of urban floras. <i>Biological Invasions</i> , 2017, 19, 3589-3599.	2.4	7
36	Global change and the distributional dynamics of migratory bird populations wintering in Central America. <i>Global Change Biology</i> , 2017, 23, 5284-5296.	9.5	68

#	ARTICLE	IF	CITATIONS
37	Seasonal associations with urban light pollution for nocturnally migrating bird populations. <i>Global Change Biology</i> , 2017, 23, 4609-4619.	9.5	94
38	Migration distance, ecological barriers and enâ€route variation in the migratory behaviour of terrestrial bird populations. <i>Global Ecology and Biogeography</i> , 2017, 26, 216-227.	5.8	44
39	Fruiting Season Length Restricts Global Distribution of Female-Only Parental Care in Frugivorous Passerine Birds. <i>PLoS ONE</i> , 2016, 11, e0154871.	2.5	9
40	The implications of midâ€latitude climate extremes for North American migratory bird populations. <i>Ecosphere</i> , 2016, 7, e01261.	2.2	17
41	Hierarchical filters determine community assembly of urban species pools. <i>Ecology</i> , 2016, 97, 2952-2963.	3.2	281
42	Novel seasonal land cover associations for eastern North American forest birds identified through dynamic species distribution modelling. <i>Diversity and Distributions</i> , 2016, 22, 717-730.	4.1	105
43	Convergence of broad-scale migration strategies in terrestrial birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152588.	2.6	87
44	Seasonal changes in the altitudinal distribution of nocturnally migrating birds during autumn migration. <i>Royal Society Open Science</i> , 2015, 2, 150347.	2.4	29
45	Citizenâ€science data provides new insight into annual and seasonal variation in migration patterns. <i>Ecosphere</i> , 2015, 6, 1-19.	2.2	46
46	The compositional similarity of urban forests among the world's cities is scale dependent. <i>Global Ecology and Biogeography</i> , 2015, 24, 1413-1423.	5.8	42
47	Warmer Summers and Drier Winters Correlate with More Winter Vagrant Purple Gallinules (<i>Porphyrio martinicus</i>) in the North Atlantic Region. <i>Wilson Journal of Ornithology</i> , 2015, 127, 582-592.	0.2	2
48	Documenting stewardship responsibilities across the annual cycle for birds on U.S. public lands. , 2015, 25, 39-51.		15
49	The diversity and abundance of North American bird assemblages fail to track changing productivity. <i>Ecology</i> , 2015, 96, 1105-1114.	3.2	25
50	Migration timing and its determinants for nocturnal migratory birds during autumn migration. <i>Journal of Animal Ecology</i> , 2015, 84, 1202-1212.	2.8	55
51	Taking a â€Big Dataâ€™ approach to data quality in a citizen science project. <i>Ambio</i> , 2015, 44, 601-611.	5.5	144
52	Can Observation Skills of Citizen Scientists Be Estimated Using Species Accumulation Curves?. <i>PLoS ONE</i> , 2015, 10, e0139600.	2.5	107
53	Geographical Constraints Are Stronger than Invasion Patterns for European Urban Floras. <i>PLoS ONE</i> , 2014, 9, e85661.	2.5	22
54	Range-Wide Latitudinal and Elevational Temperature Gradients for the World's Terrestrial Birds: Implications under Global Climate Change. <i>PLoS ONE</i> , 2014, 9, e98361.	2.5	38

#	ARTICLE	IF	CITATIONS
55	A global analysis of the impacts of urbanization on bird and plant diversity reveals key anthropogenic drivers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133330.	2.6	985
56	Beta diversity of urban floras among European and non-European cities. <i>Global Ecology and Biogeography</i> , 2014, 23, 769-779.	5.8	90
57	The role of atmospheric conditions in the seasonal dynamics of North American migration flyways. <i>Journal of Biogeography</i> , 2014, 41, 1685-1696.	3.0	102
58	Spring phenology of ecological productivity contributes to the use of looped migration strategies by birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140984.	2.6	68
59	The role of urban and agricultural areas during avian migration: an assessment of within-year temporal turnover. <i>Global Ecology and Biogeography</i> , 2014, 23, 1225-1234.	5.8	60
60	The eBird enterprise: An integrated approach to development and application of citizen science. <i>Biological Conservation</i> , 2014, 169, 31-40.	4.1	703
61	Population-level scaling of avian migration speed with body size and migration distance for powered fliers. <i>Ecology</i> , 2013, 94, 1839-1847.	3.2	71
62	Habitat and landscape effects on abundance of Missouri's grassland birds. <i>Journal of Wildlife Management</i> , 2012, 76, 372-381.	1.8	28
63	Tracking of climatic niche boundaries under recent climate change. <i>Journal of Animal Ecology</i> , 2012, 81, 914-925.	2.8	129
64	Phylogenetic beta diversity of native and alien species in European urban floras. <i>Global Ecology and Biogeography</i> , 2012, 21, 751-759.	5.8	34
65	The role of non-native plants and vertebrates in defining patterns of compositional dissimilarity within and across continents. <i>Global Ecology and Biogeography</i> , 2010, 19, 332-342.	5.8	52
66	Projected range contractions of montane biodiversity under global warming. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3401-3410.	2.6	324
67	Phyloecology of urban alien floras. <i>Journal of Ecology</i> , 2009, 97, 1243-1251.	4.0	83
68	Phenotypic population divergence in terrestrial vertebrates at macro scales. <i>Ecology Letters</i> , 2009, 12, 1137-1146.	6.4	17
69	Disparities between observed and predicted impacts of climate change on winter bird assemblages. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3167-3174.	2.6	65
70	Extra-regional residence time as a correlate of plant invasiveness: European archaeophytes in North America. <i>Ecology</i> , 2009, 90, 2589-2597.	3.2	33
71	Distance decay of similarity among European urban floras: the impact of anthropogenic activities on β diversity. <i>Global Ecology and Biogeography</i> , 2008, 17, 363-371.	5.8	90
72	Comparison of Methods for Estimating Bird Abundance and Trends From Historical Count Data. <i>Journal of Wildlife Management</i> , 2008, 72, 1674-1682.	1.8	26

#	ARTICLE	IF	CITATIONS
73	Range maps and species richness patterns: errors of commission and estimates of uncertainty. <i>Ecography</i> , 2007, 30, 649-662.	4.5	22
74	POLEWARD SHIFTS IN WINTER RANGES OF NORTH AMERICAN BIRDS. <i>Ecology</i> , 2007, 88, 1803-1812.	3.2	277
75	Invasiveness and homogenization: synergism of wide dispersal and high local abundance. <i>Global Ecology and Biogeography</i> , 2007, 16, 394-400.	5.8	49
76	Compositional similarity among urban floras within and across continents: biogeographical consequences of human-mediated biotic interchange. <i>Global Change Biology</i> , 2007, 13, 913-921.	9.5	98
77	Compositional changes over space and time along an occurrence-abundance continuum: anthropogenic homogenization of the North American avifauna. <i>Journal of Biogeography</i> , 2007, 34, 2159-2167.	3.0	62
78	Compositional similarity and the distribution of geographical range size for assemblages of native and non-native species in urban floras. <i>Diversity and Distributions</i> , 2006, 12, 679-686.	4.1	47
79	Geographical expansion and increased prevalence of common species in avian assemblages: implications for large-scale patterns of species richness. <i>Journal of Biogeography</i> , 2006, 33, 1183-1191.	3.0	38
80	Changes in the diversity structure of avian assemblages in North America. <i>Global Ecology and Biogeography</i> , 2005, 14, 367-378.	5.8	29
81	Temporal turnover of common species in avian assemblages in North America. <i>Journal of Biogeography</i> , 2005, 32, 1151-1160.	3.0	46
82	HABITAT ASSOCIATIONS OF SYMPATRIC RED-TAILED HAWKS AND NORTHERN GOSHAWKS ON THE KAIBAB PLATEAU. <i>Journal of Wildlife Management</i> , 2004, 68, 307-317.	1.8	19
83	The Bird-Friendly City: Creating Safe Urban Habitats. <i>Condor</i> , 0, , .	1.6	0