

# Fernando Ascensão

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,738  
citations

361413

20  
h-index

302126

39  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1904  
citing authors

#	ARTICLE	IF	CITATIONS
1	No Planet for Apes? Assessing Global Priority Areas and Species Affected by Linear Infrastructures. <i>International Journal of Primatology</i> , 2022, 43, 57-73.	1.9	16
2	Roads as ecological traps for giant anteaters. <i>Animal Conservation</i> , 2022, 25, 182-194.	2.9	13
3	Risk of bird electrocution in power lines: a framework for prioritizing species and areas for conservation and impact mitigation. <i>Animal Conservation</i> , 2022, 25, 285-296.	2.9	3
4	MAMMALS IN PORTUGAL : A data set of terrestrial, volant, and marine mammal occurrences in Portugal. <i>Ecology</i> , 2022, , e3654.	3.2	1
5	Road encroachment mediates species occupancy, trait filtering and dissimilarity of passerine communities. <i>Biological Conservation</i> , 2022, 270, 109590.	4.1	0
6	Assessing the impact of roadkill on the persistence of wildlife populations: A case study on the giant anteater. <i>Perspectives in Ecology and Conservation</i> , 2022, 20, 272-278.	1.9	4
7	Preventing wildlife roadkill can offset mitigation investments in short-medium term. <i>Biological Conservation</i> , 2021, 253, 108902.	4.1	30
8	The lost road: Do transportation networks imperil wildlife population persistence?. <i>Perspectives in Ecology and Conservation</i> , 2021, 19, 411-416.	1.9	33
9	Wildlife collisions put a dent in road safety. <i>Science</i> , 2021, 374, 1208-1208.	12.6	4
10	Inappropriate tourist behavior in protected areas can lead to wildlife roadkills. <i>Animal Conservation</i> , 2020, 23, 343-344.	2.9	6
11	Drivers of compositional dissimilarity for native and alien birds: the relative roles of human activity and environmental suitability. <i>Biological Invasions</i> , 2020, 22, 1447-1460.	2.4	11
12	Research gaps in knowledge of the impact of urban growth on biodiversity. <i>Nature Sustainability</i> , 2020, 3, 16-24.	23.7	267
13	Cars as a tool for monitoring and protecting biodiversity. <i>Nature Electronics</i> , 2020, 3, 295-297.	26.0	1
14	End of the line for the golden lion tamarin? A single road threatens 30 years of conservation efforts. <i>Conservation Science and Practice</i> , 2019, 1, e89.	2.0	5
15	Predicting spatiotemporal patterns of road mortality for medium-large mammals. <i>Journal of Environmental Management</i> , 2019, 248, 109320.	7.8	34
16	Prioritizing road defragmentation using graph-based tools. <i>Landscape and Urban Planning</i> , 2019, 192, 103653.	7.5	14
17	Beware that the lack of wildlife mortality records can mask a serious impact of linear infrastructures. <i>Global Ecology and Conservation</i> , 2019, 19, e00661.	2.1	37
18	Validation data is needed to support modelling in Road Ecology. <i>Biological Conservation</i> , 2019, 230, 199-200.	4.1	6

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19	Do roads act as a barrier to gene flow of subterranean small mammals? A case study with <i>Ctenomys minutus</i> . <i>Conservation Genetics</i> , 2019, 20, 385-393.	1.5	7
20	On the identification of mortality hotspots in linear infrastructures. <i>Basic and Applied Ecology</i> , 2019, 34, 25-35.	2.7	9
21	gDefrag: A graph-based tool to help defragmenting landscapes divided by linear infrastructures. <i>Ecological Modelling</i> , 2019, 392, 1-5.	2.5	6
22	Assessing the effects of road type and position on the road on small mammal carcass persistence time. <i>European Journal of Wildlife Research</i> , 2019, 65, 1.	1.4	10
23	Railway ecology vs. road ecology: similarities and differences. <i>European Journal of Wildlife Research</i> , 2019, 65, 1.	1.4	34
24	Bird on the wire: Landscape planning considering costs and benefits for bird populations coexisting with power lines. <i>Ambio</i> , 2018, 47, 650-656.	5.5	43
25	Twenty years of Road Ecology: a Topical Collection looking forward for new perspectives. <i>European Journal of Wildlife Research</i> , 2018, 64, 1.	1.4	13
26	A review of searcher efficiency and carcass persistence in infrastructure-driven mortality assessment studies. <i>Biological Conservation</i> , 2018, 222, 146-153.	4.1	71
27	Assessing the landscape functional connectivity using movement maps: a case study with endemic Azorean insects. <i>Journal of Insect Conservation</i> , 2018, 22, 257-265.	1.4	8
28	Species-specific movement traits and specialization determine the spatial responses of small mammals towards roads. <i>Landscape and Urban Planning</i> , 2018, 169, 199-207.	7.5	23
29	Environmental challenges for the Belt and Road Initiative. <i>Nature Sustainability</i> , 2018, 1, 206-209.	23.7	305
30	Predicting wildlife road-crossing probability from roadkill data using occupancy-detection models. <i>Science of the Total Environment</i> , 2018, 642, 629-637.	8.0	25
31	The effect of roads on edge permeability and movement patterns for small mammals: a case study with Montane Akodont. <i>Landscape Ecology</i> , 2017, 32, 781-790.	4.2	24
32	Assessing the consistency of hotspot and hot-moment patterns of wildlife road mortality over time. <i>Perspectives in Ecology and Conservation</i> , 2017, 15, 56-60.	1.9	28
33	Spatial patterns of road mortality of medium to large mammals in Mato Grosso do Sul, Brazil. <i>Wildlife Research</i> , 2017, 44, 135.	1.4	52
34	Comparing access for all: disability-induced accessibility disparity in Lisbon. <i>Journal of Geographical Systems</i> , 2017, 19, 43-64.	3.1	21
35	Aliens on the Move: Transportation Networks and Non-native Species. , 2017, , 65-80.		10
36	Disentangle the Causes of the Road Barrier Effect in Small Mammals through Genetic Patterns. <i>PLoS ONE</i> , 2016, 11, e0151500.	2.5	45

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37	Carcass Persistence and Detectability: Reducing the Uncertainty Surrounding Wildlife-Vehicle Collision Surveys. PLoS ONE, 2016, 11, e0165608.	2.5	53
38	Mixed sampling protocols improve the cost-effectiveness of roadkill surveys. Biodiversity and Conservation, 2015, 24, 2953-2965.	2.6	18
39	Evaluating connectivity between Natura 2000 sites within the montado agroforestry system: a case study using landscape genetics of the wood mouse ( <i>Apodemus sylvaticus</i> ). Landscape Ecology, 2015, 30, 609-623.	4.2	3
40	Modelling the risk of invasion by the red-swamp crayfish ( <i>Procambarus clarkii</i> ): incorporating local variables to better inform management decisions. Biological Invasions, 2015, 17, 273-285.	2.4	12
41	Understanding the mechanisms behind road effects: linking occurrence with road mortality in owls. Animal Conservation, 2014, 17, 555-564.	2.9	38
42	Inter-Individual Variability of Stone Marten Behavioral Responses to a Highway. PLoS ONE, 2014, 9, e103544.	2.5	26
43	Wildlife-vehicle collision mitigation: Is partial fencing the answer? An agent-based model approach. Ecological Modelling, 2013, 257, 36-43.	2.5	52
44	Highway verges as habitat providers for small mammals in agrosilvopastoral environments. Biodiversity and Conservation, 2012, 21, 3681-3697.	2.6	66
45	Individual Spatial Responses towards Roads: Implications for Mortality Risk. PLoS ONE, 2012, 7, e43811.	2.5	72
46	Do well-connected landscapes promote road-related mortality?. European Journal of Wildlife Research, 2011, 57, 707-716.	1.4	59
47	Factors affecting culvert use by vertebrates along two stretches of road in southern Portugal. Ecological Research, 2007, 22, 57-66.	1.5	86
48	Distribution of alien tetrapods in the Iberian Peninsula. NeoBiota, 0, 64, 1-21.	1.0	7
49	Native and alien grassland diversity respond differently to environmental and anthropogenic drivers across spatial scales. Journal of Vegetation Science, 0, , .	2.2	3