Fernando AscensÃ£o

List of Publications by Year
in descending order

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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	Environmental challenges for the Belt and Road Initiative. Nature Sustainability, 2018, 1, 206-209.	23.7	305
2	Research gaps in knowledge of the impact of urban growth on biodiversity. Nature Sustainability, 2020, 3, 16-24.	23.7	267
3	Factors affecting culvert use by vertebrates along two stretches of road in southern Portugal. Ecological Research, 2007, 22, 57-66.	1.5	86
4	Individual Spatial Responses towards Roads: Implications for Mortality Risk. PLoS ONE, 2012, 7, e43811.	2.5	72
5	A review of searcher efficiency and carcass persistence in infrastructure-driven mortality assessment studies. Biological Conservation, 2018, 222, 146-153.	4.1	71
6	Highway verges as habitat providers for small mammals in agrosilvopastoral environments. Biodiversity and Conservation, 2012, 21, 3681-3697.	2.6	66
7	Do well-connected landscapes promote road-related mortality?. European Journal of Wildlife Research, 2011, 57, 707-716.	1.4	59
8	Carcass Persistence and Detectability: Reducing the Uncertainty Surrounding Wildlife-Vehicle Collision Surveys. PLoS ONE, 2016, 11, e0165608.	2.5	53
9	Wildlifeâ€“vehicle collision mitigation: Is partial fencing the answer? An agent-based model approach. Ecological Modelling, 2013, 257, 36-43.	2.5	52
10	Spatial patterns of road mortality of mediumâ€“large mammals in Mato Grosso do Sul, Brazil. Wildlife Research, 2017, 44, 135.	1.4	52
11	Disentangle the Causes of the Road Barrier Effect in Small Mammals through Genetic Patterns. PLoS ONE, 2016, 11, e0151500.	2.5	45
12	Bird on the wire: Landscape planning considering costs and benefits for bird populations coexisting with power lines. Ambio, 2018, 47, 650-656.	5.5	43
13	Understanding the mechanisms behind road effects: linking occurrence with road mortality in owls. Animal Conservation, 2014, 17, 555-564.	2.9	38
14	Beware that the lack of wildlife mortality records can mask a serious impact of linear infrastructures. Global Ecology and Conservation, 2019, 19, e00661.	2.1	37
15	Predicting spatiotemporal patterns of road mortality for medium-large mammals. Journal of Environmental Management, 2019, 248, 109320.	7.8	34
16	Railway ecology vs. road ecology: similarities and differences. European Journal of Wildlife Research, 2019, 65, 1.	1.4	34
17	The lost road: Do transportation networks imperil wildlife population persistence?. Perspectives in Ecology and Conservation, 2021, 19, 411-416.	1.9	33
18	Preventing wildlife roadkill can offset mitigation investments in short-medium term. Biological Conservation, 2021, 253, 108902.	4.1	30

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19	Assessing the consistency of hotspot and hot-moment patterns of wildlife road mortality over time. Perspectives in Ecology and Conservation, 2017, 15, 56-60.	1.9	28
20	Inter-Individual Variability of Stone Marten Behavioral Responses to a Highway. PLoS ONE, 2014, 9, e103544.	2.5	26
21	Predicting wildlife road-crossing probability from roadkill data using occupancy-detection models. Science of the Total Environment, 2018, 642, 629-637.	8.0	25
22	The effect of roads on edge permeability and movement patterns for small mammals: a case study with Montane Akodont. Landscape Ecology, 2017, 32, 781-790.	4.2	24
23	Species-specific movement traits and specialization determine the spatial responses of small mammals towards roads. Landscape and Urban Planning, 2018, 169, 199-207.	7.5	23
24	Comparing access for all: disability-induced accessibility disparity in Lisbon. Journal of Geographical Systems, 2017, 19, 43-64.	3.1	21
25	Mixed sampling protocols improve the cost-effectiveness of roadkill surveys. Biodiversity and Conservation, 2015, 24, 2953-2965.	2.6	18
26	No Planet for Apes? Assessing Global Priority Areas and Species Affected by Linear Infrastructures. International Journal of Primatology, 2022, 43, 57-73.	1.9	16
27	Prioritizing road defragmentation using graph-based tools. Landscape and Urban Planning, 2019, 192, 103653.	7.5	14
28	Twenty years of Road Ecology: a Topical Collection looking forward for new perspectives. European Journal of Wildlife Research, 2018, 64, 1.	1.4	13
29	Roads as ecological traps for giant anteaters. Animal Conservation, 2022, 25, 182-194.	2.9	13
30	Modelling the risk of invasion by the red-swamp crayfish (Procambarus clarkii): incorporating local variables to better inform management decisions. Biological Invasions, 2015, 17, 273-285.	2.4	12
31	Drivers of compositional dissimilarity for native and alien birds: the relative roles of human activity and environmental suitability. Biological Invasions, 2020, 22, 1447-1460.	2.4	11
32	Assessing the effects of road type and position on the road on small mammal carcass persistence time. European Journal of Wildlife Research, 2019, 65, 1.	1.4	10
33	Aliens on the Move: Transportation Networks and Non-native Species. , 2017, , 65-80.		10
34	On the identification of mortality hotspots in linear infrastructures. Basic and Applied Ecology, 2019, 34, 25-35.	2.7	9
35	Assessing the landscape functional connectivity using movement maps: a case study with endemic Azorean insects. Journal of Insect Conservation, 2018, 22, 257-265.	1.4	8
36	Do roads act as a barrier to gene flow of subterranean small mammals? A case study with Ctenomys minutus. Conservation Genetics, 2019, 20, 385-393.	1.5	7

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37	Distribution of alien tetrapods in the Iberian Peninsula. NeoBiota, 0, 64, 1-21.	1.0	7
38	Validation data is needed to support modelling in Road Ecology. Biological Conservation, 2019, 230, 199-200.	4.1	6
39	gDefrag: A graph-based tool to help defragmenting landscapes divided by linear infrastructures. Ecological Modelling, 2019, 392, 1-5.	2.5	6
40	Inappropriate tourist behavior in protected areas can lead to wildlife roadâ€kills. Animal Conservation, 2020, 23, 343-344.	2.9	6
41	End of the line for the golden lion tamarin? A single road threatens 30 years of conservation efforts. Conservation Science and Practice, 2019, 1, e89.	2.0	5
42	Wildlife collisions put a dent in road safety. Science, 2021, 374, 1208-1208.	12.6	4
43	Assessing the impact of roadkill on the persistence of wildlife populations: A case study on the giant anteater. Perspectives in Ecology and Conservation, 2022, 20, 272-278.	1.9	4
44	Evaluating connectivity between Natura 2000 sites within the montado agroforestry system: a case study using landscape genetics of the wood mouse (Apodemus sylvaticus). Landscape Ecology, 2015, 30, 609-623.	4.2	3
45	Risk of bird electrocution in power lines: a framework for prioritizing species and areas for conservation and impact mitigation. Animal Conservation, 2022, 25, 285-296.	2.9	3
46	Native and alien grassland diversity respond differently to environmental and anthropogenic drivers across spatial scales. Journal of Vegetation Science, 0, , .	2.2	3
47	Cars as a tool for monitoring and protecting biodiversity. Nature Electronics, 2020, 3, 295-297.	26.0	1
48	MAMMALS IN PORTUGAL : A data set of terrestrial, volant, and marine mammal occurrences in Portugal. Ecology, 2022, , e3654.	3.2	1
49	Road encroachment mediates species occupancy, trait filtering and dissimilarity of passerine communities. Biological Conservation, 2022, 270, 109590.	4.1	0