

Fernando Colchero

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,393
citations

331259

21
h-index

301761

39
g-index

44
all docs

44
docs citations

44
times ranked

3355
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding movement data and movement processes: current and emerging directions. <i>Ecology Letters</i> , 2008, 11, 1338-1350.	3.0	317
2	An Emerging Role of Zoos to Conserve Biodiversity. <i>Science</i> , 2011, 331, 1390-1391.	6.0	267
3	The <i>compadre</i> <i>Plant Matrix Database</i> : an open online repository for plant demography. <i>Journal of Ecology</i> , 2015, 103, 202-218.	1.9	260
4	Sex differences in adult lifespan and aging rates of mortality across wild mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8546-8553.	3.3	170
5	The emergence of longevous populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7681-E7690.	3.3	119
6	Data gaps and opportunities for comparative and conservation biology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9658-9664.	3.3	115
7	BaSTA: an R package for Bayesian estimation of age-specific survival from incomplete mark-recapture/recovery data with covariates. <i>Methods in Ecology and Evolution</i> , 2012, 3, 466-470.	2.2	111
8	Sex matters: Modeling male and female habitat differences for jaguar conservation. <i>Biological Conservation</i> , 2010, 143, 1980-1988.	1.9	109
9	Zoos through the Lens of the IUCN Red List: A Global Metapopulation Approach to Support Conservation Breeding Programs. <i>PLoS ONE</i> , 2013, 8, e80311.	1.1	95
10	The pace and shape of senescence in angiosperms. <i>Journal of Ecology</i> , 2013, 101, 596-606.	1.9	94
11	Jaguars on the move: modeling movement to mitigate fragmentation from road expansion in the Mayan Forest. <i>Animal Conservation</i> , 2011, 14, 158-166.	1.5	86
12	Cancer risk across mammals. <i>Nature</i> , 2022, 601, 263-267.	13.7	86
13	Bayesian inference on age-specific survival for censored and truncated data. <i>Journal of Animal Ecology</i> , 2012, 81, 139-149.	1.3	76
14	The diversity of population responses to environmental change. <i>Ecology Letters</i> , 2019, 22, 342-353.	3.0	52
15	Social bonds, social status and survival in wild baboons: a tale of two sexes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190621.	1.8	50
16	The long lives of primates and the "invariant rate of ageing" hypothesis. <i>Nature Communications</i> , 2021, 12, 3666.	5.8	40
17	Predicting population survival under future climate change: density dependence, drought and extraction in an insular bighorn sheep. <i>Journal of Animal Ecology</i> , 2009, 78, 666-673.	1.3	39
18	Disentangling the effects of climate, density dependence, and harvest on an iconic large herbivore's population dynamics. <i>Ecological Applications</i> , 2015, 25, 956-967.	1.8	33

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19	Slow and negligible senescence among testudines challenges evolutionary theories of senescence. <i>Science</i> , 2022, 376, 1466-1470.	6.0	26
20	Opportunities and costs for preventing vertebrate extinctions. <i>Current Biology</i> , 2015, 25, R219-R221.	1.8	25
21	Bayesian estimates of male and female African lion mortality for future use in population management. <i>Journal of Applied Ecology</i> , 2016, 53, 295-304.	1.9	25
22	Age and sex-specific mortality of wild and captive populations of a monogamous pair-bonded primate (<i>Aotus azarae</i>). <i>American Journal of Primatology</i> , 2016, 78, 315-325.	0.8	23
23	Sexual dimorphism in chimpanzee (<i>Pan troglodytes schweinfurthii</i>) and human age-specific fertility. <i>Journal of Human Evolution</i> , 2020, 144, 102795.	1.3	21
24	Performance of generation time approximations for extinction risk assessments. <i>Journal of Applied Ecology</i> , 2019, 56, 1436-1446.	1.9	20
25	Social groups buffer maternal loss in mountain gorillas. <i>ELife</i> , 2021, 10, .	2.8	18
26	Actuarial senescence in a long-lived orchid challenges our current understanding of ageing. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161217.	1.2	16
27	Foraging strategy of a neotropical primate: how intrinsic and extrinsic factors influence destination and residence time. <i>Journal of Animal Ecology</i> , 2014, 83, 116-125.	1.3	14
28	Aging Differently: Diet- and Sex-Dependent Late-Life Mortality Patterns in <i>Drosophila melanogaster</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 666-674.	1.7	14
29	Individual heterogeneity determines sex differences in mortality in a monogamous bird with reversed sexual dimorphism. <i>Journal of Animal Ecology</i> , 2017, 86, 899-907.	1.3	10
30	Bayesian Inference on the Effect of Density Dependence and Weather on a Guanaco Population from Chile. <i>PLoS ONE</i> , 2014, 9, e115307.	1.1	8
31	Better the devil you know: common terns stay with a previous partner although pair bond duration does not affect breeding output. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20161424.	1.2	8
32	Zoos and Captive Breeding Response. <i>Science</i> , 2011, 332, 1150-1151.	6.0	7
33	Mortality as a bivariate function of age and size in indeterminate growers. <i>Ecosphere</i> , 2014, 5, art161.	1.0	7
34	Dead or gone? Bayesian inference on mortality for the dispersing sex. <i>Ecology and Evolution</i> , 2016, 6, 4910-4923.	0.8	7
35	Clustered Nesting and Vegetation Thresholds Reduce Egg Predation in Sooty Terns. <i>Waterbirds</i> , 2010, 33, 169-178.	0.2	6
36	Two parthenogenetic populations of <i>Chara canescens</i> differ in their capacity to acclimate to irradiance and salinity. <i>Oecologia</i> , 2012, 168, 343-353.	0.9	6

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37	Beyond the proportional frailty model: Bayesian estimation of individual heterogeneity on mortality parameters. <i>Biometrical Journal</i> , 2020, 62, 124-135.	0.6	3
38	Evidence of demographic buffering in an endangered great ape: Social buffering on immature survival and the role of refined sex-age classes on population growth rate. <i>Journal of Animal Ecology</i> , 2021, 90, 1701-1713.	1.3	3