Fernando Colchero

List of Publications by Year
in descending order

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	Cancer risk across mammals. Nature, 2022, 601, 263-267.	13.7	86
2	Slow and negligible senescence among testudines challenges evolutionary theories of senescence. Science, 2022, 376, 1466-1470.	6.0	26
3	Social groups buffer maternal loss in mountain gorillas. ELife, 2021, 10, .	2.8	18
4	Evidence of demographic buffering in an endangered great ape: Social buffering on immature survival and the role of refined sexâ€age classes on population growth rate. Journal of Animal Ecology, 2021, 90, 1701-1713.	1.3	3
5	The long lives of primates and the â€˜invariant rate of ageingâ€™ hypothesis. Nature Communications, 2021, 12, 3666.	5.8	40
6	Beyond the proportional frailty model: Bayesian estimation of individual heterogeneity on mortality parameters. Biometrical Journal, 2020, 62, 124-135.	0.6	3
7	Social bonds, social status and survival in wild baboons: a tale of two sexes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190621.	1.8	50
8	Sex differences in adult lifespan and aging rates of mortality across wild mammals. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8546-8553.	3.3	170
9	Sexual dimorphism in chimpanzee (Pan troglodytes schweinfurthii) and human age-specific fertility. Journal of Human Evolution, 2020, 144, 102795.	1.3	21
10	Data gaps and opportunities for comparative and conservation biology. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9658-9664.	3.3	115
11	Performance of generation time approximations for extinction risk assessments. Journal of Applied Ecology, 2019, 56, 1436-1446.	1.9	20
12	The diversity of population responses to environmental change. Ecology Letters, 2019, 22, 342-353.	3.0	52
13	Better the devil you know: common terns stay with a previous partner although pair bond duration does not affect breeding output. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20161424.	1.2	8
14	Individual heterogeneity determines sex differences in mortality in a monogamous bird with reversed sexual dimorphism. Journal of Animal Ecology, 2017, 86, 899-907.	1.3	10
15	Bayesian estimates of male and female African lion mortality for future use in population management. Journal of Applied Ecology, 2016, 53, 295-304.	1.9	25
16	Dead or gone? Bayesian inference on mortality for the dispersing sex. Ecology and Evolution, 2016, 6, 4910-4923.	0.8	7
17	Age and sexâ€specific mortality of wild and captive populations of a monogamous pairâ€bonded primate (Aotus azarae). American Journal of Primatology, 2016, 78, 315-325.	0.8	23
18	The emergence of longevous populations. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7681-E7690.	3.3	119

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19	Actuarial senescence in a long-lived orchid challenges our current understanding of ageing. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161217.	1.2	16
20	Disentangling the effects of climate, density dependence, and harvest on an iconic large herbivore's population dynamics. Ecological Applications, 2015, 25, 956-967.	1.8	33
21	Opportunities and costs for preventing vertebrate extinctions. Current Biology, 2015, 25, R219-R221.	1.8	25
22	The <scp>compadre</scp><scp>P</scp>lant <scp>M</scp>atrix <scp>D</scp>atabase: an open online repository for plant demography. Journal of Ecology, 2015, 103, 202-218.	1.9	260
23	Bayesian Inference on the Effect of Density Dependence and Weather on a Guanaco Population from Chile. PLoS ONE, 2014, 9, e115307.	1.1	8
24	Foraging strategy of a neotropical primate: how intrinsic and extrinsic factors influence destination and residence time. Journal of Animal Ecology, 2014, 83, 116-125.	1.3	14
25	Aging Differently: Diet- and Sex-Dependent Late-Life Mortality Patterns in Drosophila melanogaster. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 666-674.	1.7	14
26	Mortality as a bivariate function of age and size in indeterminate growers. Ecosphere, 2014, 5, art161.	1.0	7
27	The pace and shape of senescence in angiosperms. Journal of Ecology, 2013, 101, 596-606.	1.9	94
28	Zoos through the Lens of the IUCN Red List: A Global Metapopulation Approach to Support Conservation Breeding Programs. PLoS ONE, 2013, 8, e80311.	1.1	95
29	Bayesian inference on ageâ€specific survival for censored and truncated data. Journal of Animal Ecology, 2012, 81, 139-149.	1.3	76
30	BaSTA: an R package for Bayesian estimation of ageâ€specific survival from incomplete markâ€“recapture/recovery data with covariates. Methods in Ecology and Evolution, 2012, 3, 466-470.	2.2	111
31	Two parthenogenetic populations of Chara canescens differ in their capacity to acclimate to irradiance and salinity. Oecologia, 2012, 168, 343-353.	0.9	6
32	An Emerging Role of Zoos to Conserve Biodiversity. Science, 2011, 331, 1390-1391.	6.0	267
33	Jaguars on the move: modeling movement to mitigate fragmentation from road expansion in the Mayan Forest. Animal Conservation, 2011, 14, 158-166.	1.5	86
34	Zoos and Captive Breedingâ€”Response. Science, 2011, 332, 1150-1151.	6.0	7
35	Clustered Nesting and Vegetation Thresholds Reduce Egg Predation in Sooty Terns. Waterbirds, 2010, 33, 169-178.	0.2	6
36	Sex matters: Modeling male and female habitat differences for jaguar conservation. Biological Conservation, 2010, 143, 1980-1988.	1.9	109

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37	Predicting population survival under future climate change: density dependence, drought and extraction in an insular bighorn sheep. Journal of Animal Ecology, 2009, 78, 666-673.	1.3	39
38	Understanding movement data and movement processes: current and emerging directions. Ecology Letters, 2008, 11, 1338-1350.	3.0	317