

Carlo Rondinini

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5562281/carlo-rondinini-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117
papers

10,295
citations

48
h-index

101
g-index

128
ext. papers

12,698
ext. citations

8.6
avg, IF

5.85
L-index

#	Paper	IF	Citations
117	Bridging the research-implementation gap in IUCN Red List assessments.. <i>Trends in Ecology and Evolution</i> , 2022 ,	10.9	3
116	Matrix condition mediates the effects of habitat fragmentation on species extinction risk.. <i>Nature Communications</i> , 2022 , 13, 595	17.4	1
115	Translating habitat class to land cover to map area of habitat of terrestrial vertebrates. <i>Conservation Biology</i> , 2021 ,	6	1
114	A metric for spatially explicit contributions to science-based species targets. <i>Nature Ecology and Evolution</i> , 2021 , 5, 836-844	12.3	13
113	COMBINE: a coalesced mammal database of intrinsic and extrinsic traits. <i>Ecology</i> , 2021 , 102, e03344	4.6	5
112	Drivers of change in the realised climatic niche of terrestrial mammals. <i>Ecography</i> , 2021 , 44, 1180-1190	6.5	3
111	Proactive conservation to prevent habitat losses to agricultural expansion. <i>Nature Sustainability</i> , 2021 , 4, 314-322	22.1	27
110	How many bird and mammal extinctions has recent conservation action prevented?. <i>Conservation Letters</i> , 2021 , 14, e12762	6.9	31
109	DAMA: the global Distribution of Alien Mammals database. <i>Ecology</i> , 2021 , 102, e03474	4.6	4
108	Post-2020 biodiversity targets need to embrace climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 30882-30891	11.5	49
107	Global correlates of range contractions and expansions in terrestrial mammals. <i>Nature Communications</i> , 2020 , 11, 2840	17.4	22
106	Global conservation of species' niches. <i>Nature</i> , 2020 , 580, 232-234	50.4	41
105	Projected Global Loss of Mammal Habitat Due to Land-Use and Climate Change. <i>One Earth</i> , 2020 , 2, 578-585		12
104	Developing multiscale and integrative naturepeople scenarios using the Nature Futures Framework. <i>People and Nature</i> , 2020 , 2, 1172-1195	5.9	36
103	Set ambitious goals for biodiversity and sustainability. <i>Science</i> , 2020 , 370, 411-413	33.3	92
102	A global map of terrestrial habitat types. <i>Scientific Data</i> , 2020 , 7, 256	8.2	26
101	Geographic distribution ranges of terrestrial mammal species in the 1970s. <i>Ecology</i> , 2019 , 100, e02747	4.6	3

100	Measuring the surrogacy potential of charismatic megafauna species across taxonomic, phylogenetic and functional diversity on a megadiverse island. <i>Journal of Applied Ecology</i> , 2019 , 56, 1220-1231	5.8	11
99	Measuring Terrestrial Area of Habitat (AOH) and Its Utility for the IUCN Red List. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 977-986	10.9	73
98	Plan S and publishing: reply to Lehtomäki et al. 2019. <i>Conservation Biology</i> , 2019 , 33, 1203-1204	6	
97	Applying habitat and population-density models to land-cover time series to inform IUCN Red List assessments. <i>Conservation Biology</i> , 2019 , 33, 1084-1093	6	28
96	The first red list of Italian butterflies. <i>Insect Conservation and Diversity</i> , 2018 , 11, 506-521	3.8	20
95	A framework for the identification of hotspots of climate change risk for mammals. <i>Global Change Biology</i> , 2018 , 24, 1626-1636	11.4	25
94	Environmental variation is a major predictor of global trait turnover in mammals. <i>Journal of Biogeography</i> , 2018 , 45, 225-237	4.1	8
93	Synergies between the key biodiversity area and systematic conservation planning approaches. <i>Conservation Letters</i> , 2018 , 12, e12625	6.9	18
92	A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios. <i>Geoscientific Model Development</i> , 2018 , 11, 4537-4562	6.3	42
91	Small terrestrial mammals of Albania: distribution and diversity (Mammalia, Eulipotyphla, Rodentia). <i>ZooKeys</i> , 2018 , 127-163	1.2	4
90	Species traits influenced their response to recent climate change. <i>Nature Climate Change</i> , 2017 , 7, 205-208	18.4	161
89	Shifting baseline in macroecology? Unravelling the influence of human impact on mammalian body mass. <i>Diversity and Distributions</i> , 2017 , 23, 640-649	5	26
88	Global hotspots and correlates of emerging zoonotic diseases. <i>Nature Communications</i> , 2017 , 8, 1124	17.4	345
87	Geography of current and future global mammal extinction risk. <i>PLoS ONE</i> , 2017 , 12, e0186934	3.7	20
86	Multiscale scenarios for nature futures. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1416-1419	12.3	90
85	Quantification of habitat fragmentation reveals extinction risk in terrestrial mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 7635-7640	11.5	175
84	Global priorities for conservation across multiple dimensions of mammalian diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 7641-7646	11.5	118
83	Performance tradeoffs in target-group bias correction for species distribution models. <i>Ecography</i> , 2017 , 40, 1076-1087	6.5	32

82	Setting population targets for mammals using body mass as a predictor of population persistence. <i>Conservation Biology</i> , 2017 , 31, 385-393	6	19
81	Assessing the suitability of diversity metrics to detect biodiversity change. <i>Biological Conservation</i> , 2017 , 213, 341-350	6.2	60
80	Global mammal beta diversity shows parallel assemblage structure in similar but isolated environments. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	25
79	Projecting Global Biodiversity Indicators under Future Development Scenarios. <i>Conservation Letters</i> , 2016 , 9, 5-13	6.9	128
78	The broad footprint of climate change from genes to biomes to people. <i>Science</i> , 2016 , 354,	33.3	573
77	Toward quantification of the impact of 21st-century deforestation on the extinction risk of terrestrial vertebrates. <i>Conservation Biology</i> , 2016 , 30, 1070-9	6	54
76	Assessing the Cost of Global Biodiversity and Conservation Knowledge. <i>PLoS ONE</i> , 2016 , 11, e0160640	3.7	44
75	A Composite Network Approach for Assessing Multi-Species Connectivity: An Application to Road Defragmentation Prioritisation. <i>PLoS ONE</i> , 2016 , 11, e0164794	3.7	13
74	Species and functional diversity accumulate differently in mammals. <i>Global Ecology and Biogeography</i> , 2016 , 25, 1119-1130	6.1	69
73	Assessing the umbrella value of a range-wide conservation network for jaguars (<i>Panthera onca</i>) 2016 , 26, 1112-24		44
72	Contrasting changes in the abundance and diversity of North American bird assemblages from 1971 to 2010. <i>Global Change Biology</i> , 2016 , 22, 3948-3959	11.4	53
71	Quantifying the relative irreplaceability of important bird and biodiversity areas. <i>Conservation Biology</i> , 2016 , 30, 392-402	6	20
70	Connectivity of the global network of protected areas. <i>Diversity and Distributions</i> , 2016 , 22, 199-211	5	57
69	Analysing biodiversity and conservation knowledge products to support regional environmental assessments. <i>Scientific Data</i> , 2016 , 3, 160007	8.2	49
68	Synergies and trade-offs in achieving global biodiversity targets. <i>Conservation Biology</i> , 2016 , 30, 189-95	6	26
67	Global Biodiversity Indicators Reflect the Modeled Impacts of Protected Area Policy Change. <i>Conservation Letters</i> , 2016 , 9, 14-20	6.9	17
66	Assessing species vulnerability to climate change. <i>Nature Climate Change</i> , 2015 , 5, 215-224	21.4	576
65	Global Trends in the Status of Bird and Mammal Pollinators. <i>Conservation Letters</i> , 2015 , 8, 397-403	6.9	54

64	Historical drivers of extinction risk: using past evidence to direct future monitoring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20150928	4.4	16
63	Fire policy optimization to maximize suitable habitat for locally rare species under different climatic conditions: A case study of antelopes in the Kruger National Park. <i>Biological Conservation</i> , 2015 , 191, 313-321	6.2	5
62	Challenging the Scientific Foundations for an IUCN Red List of Ecosystems. <i>Conservation Letters</i> , 2015 , 8, 125-131	6.9	28
61	Habitat availability for amphibians and extinction threat: a global analysis. <i>Diversity and Distributions</i> , 2015 , 21, 302-311	5	71
60	Scenarios of large mammal loss in Europe for the 21st century. <i>Conservation Biology</i> , 2015 , 29, 1028-36	6	19
59	A Red List of Italian Saproxyllic Beetles: taxonomic overview, ecological features and conservation issues (Coleoptera). <i>Fragmenta Entomologica</i> , 2015 , 47, 53	0.4	54
58	Climate change modifies risk of global biodiversity loss due to land-cover change. <i>Biological Conservation</i> , 2015 , 187, 103-111	6.2	125
57	Assessing the umbrella value of a range-wide conservation network for jaguars (<i>Panthera onca</i>) 2015 ,		2
56	High-resolution assessment of land use impacts on biodiversity in life cycle assessment using species habitat suitability models. <i>Environmental Science & Technology</i> , 2015 , 49, 2237-44	10.3	42
55	Shortfalls and Solutions for Meeting National and Global Conservation Area Targets. <i>Conservation Letters</i> , 2015 , 8, 329-337	6.9	268
54	Role of African protected areas in maintaining connectivity for large mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20130193	5.8	34
53	Imputation of missing data in life-history trait datasets: which approach performs the best?. <i>Methods in Ecology and Evolution</i> , 2014 , 5, 961-970	7.7	155
52	A mid-term analysis of progress toward international biodiversity targets. <i>Science</i> , 2014 , 346, 241-4	33.3	774
51	Drivers of extinction risk in African mammals: the interplay of distribution state, human pressure, conservation response and species biology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20130198	5.8	39
50	Update or Outdate: Long-Term Viability of the IUCN Red List. <i>Conservation Letters</i> , 2014 , 7, 126-130	6.9	59
49	A framework to identify enabling and urgent actions for the 2020 Aichi Targets. <i>Basic and Applied Ecology</i> , 2014 , 15, 633-638	3.2	47
48	Targeting global protected area expansion for imperiled biodiversity. <i>PLoS Biology</i> , 2014 , 12, e1001891	9.7	317
47	Restoring degraded tropical forests for carbon and biodiversity. <i>Environmental Research Letters</i> , 2014 , 9, 114020	6.2	39

46	An evaluation of the robustness of global amphibian range maps. <i>Journal of Biogeography</i> , 2014 , 41, 211-221	4.1	77
45	Comparing multiple species distribution proxies and different quantifications of the human footprint map, implications for conservation. <i>Biological Conservation</i> , 2013 , 165, 203-211	6.2	31
44	Effects of consumptive water use on biodiversity in wetlands of international importance. <i>Environmental Science & Technology</i> , 2013 , 47, 12248-57	10.3	73
43	Species richness and distribution of Neotropical rodents, with conservation implications. <i>Mammalia</i> , 2013 , 77, 1-19	1	19
42	Threats from climate change to terrestrial vertebrate hotspots in Europe. <i>PLoS ONE</i> , 2013 , 8, e74989	3.7	61
41	A novel approach for global mammal extinction risk reduction. <i>Conservation Letters</i> , 2012 , 5, 134-141	6.9	23
40	Spatial turnover and knowledge gap of African small mammals: using country checklists as a conservation tool. <i>Biodiversity and Conservation</i> , 2012 , 21, 1755-1793	3.4	6
39	Mind the map: trips and pitfalls in making and reading maps of carnivore distribution 2012 , 31-46		5
38	Ecological-economic optimization of biodiversity conservation under climate change. <i>Nature Climate Change</i> , 2011 , 1, 355-359	21.4	77
37	Global habitat suitability models of terrestrial mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2633-41	5.8	181
36	Country-based patterns of total species richness, endemism, and threatened species richness in African rodents and insectivores. <i>Biodiversity and Conservation</i> , 2011 , 20, 1225-1237	3.4	7
35	The future of terrestrial mammals in the Mediterranean basin under climate change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2681-92	5.8	76
34	Global patterns of fragmentation and connectivity of mammalian carnivore habitat. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2642-51	5.8	187
33	What spatial data do we need to develop global mammal conservation strategies?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2623-32	5.8	71
32	Prioritizing conservation investments for mammal species globally. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2670-80	5.8	48
31	The key elements of a comprehensive global mammal conservation strategy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2591-7	5.8	37
30	Future hotspots of terrestrial mammal loss. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2693-702	5.8	94
29	Reconciling global mammal prioritization schemes into a strategy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2722-8	5.8	14

28	Experimental design and taxonomic scope of fragmentation studies on European mammals: current status and future priorities. <i>Mammal Review</i> , 2010 , 40, 125-154	5	53
27	Quantitative methods for defining percentage area targets for habitat types in conservation planning. <i>Biological Conservation</i> , 2010 , 143, 1646-1653	6.2	49
26	The impact of conservation on the status of the world's vertebrates. <i>Science</i> , 2010 , 330, 1503-9	33.3	948
25	The Opportunity Cost of Conserving Amphibians and Mammals in Uganda. <i>Natureza A Conservacao</i> , 2010 , 08, 177-183		8
24	The status of the world's land and marine mammals: diversity, threat, and knowledge. <i>Science</i> , 2008 , 322, 225-30	33.3	1012
23	A gap analysis of Southeast Asian mammals based on habitat suitability models. <i>Biological Conservation</i> , 2008 , 141, 2730-2744	6.2	102
22	Change the IUCN protected area categories to reflect biodiversity outcomes. <i>PLoS Biology</i> , 2008 , 6, e66	9.7	41
21	Distribution of medium- to large-sized African mammals based on habitat suitability models. <i>Biodiversity and Conservation</i> , 2008 , 17, 605-621	3.4	43
20	Conserving biodiversity efficiently: what to do, where, and when. <i>PLoS Biology</i> , 2007 , 5, e223	9.7	323
19	How can you conserve species that haven't been found?. <i>Journal of Biogeography</i> , 2007 , 34, 758-759	4.1	34
18	Ecological networks as conceptual frameworks or operational tools in conservation. <i>Conservation Biology</i> , 2007 , 21, 1414-22	6	140
17	Systematic conservation planning and the cost of tackling conservation conflicts with large carnivores in Italy. <i>Conservation Biology</i> , 2007 , 21, 1455-62	6	26
16	Special section: systematic conservation planning in the European landscape: conflicts, environmental changes, and the challenge of countdown 2010. <i>Conservation Biology</i> , 2007 , 21, 1404-5	6	8
15	Evaluating least-cost model predictions with empirical dispersal data: A case-study using radiotracking data of hedgehogs (<i>Erinaceus europaeus</i>). <i>Ecological Modelling</i> , 2007 , 209, 314-322	3	97
14	High human density in the irreplaceable sites for African vertebrates conservation. <i>Biological Conservation</i> , 2006 , 133, 358-363	6.2	26
13	Tradeoffs of different types of species occurrence data for use in systematic conservation planning. <i>Ecology Letters</i> , 2006 , 9, 1136-45	10	338
12	Differences in the umbrella effects of African amphibians and mammals based on two estimators of the area of occupancy. <i>Conservation Biology</i> , 2006 , 20, 170-9	6	17
11	Habitat Suitability Models and the Shortfall in Conservation Planning for African Vertebrates. <i>Conservation Biology</i> , 2005 , 19, 1488-1497	6	102

10	Habitat use by beech martens in a fragmented landscape. <i>Ecography</i> , 2002 , 25, 257-264	6.5	52
9	Roads as barriers to movement for hedgehogs. <i>Functional Ecology</i> , 2002 , 16, 504-509	5.6	126
8	Long-term effects of prenatal 3'-azido-3'-deoxythymidine (AZT) exposure on intermale aggressive behaviour of mice. <i>Psychopharmacology</i> , 1999 , 145, 317-23	4.7	10
7	Introduction, spread, and impacts of invasive alien mammal species in Europe. <i>Mammal Review</i> ,	5	4
6	BioNNA: the Biodiversity National Network of Albania. <i>Nature Conservation</i> , 25, 77-88		1
5	Generation length for mammals. <i>Nature Conservation</i> , 5, 89-94		83
4	How many bird and mammal extinctions has recent conservation action prevented?		2
3	Global trends in biodiversity and ecosystem services from 1900 to 2050		3
2	A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios		1
1	A habitat class to land cover translation model for mapping Area of Habitat of terrestrial vertebrates		1