Carlo Rondinini

List of Publications by Year
in descending order

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118 papers	15,116 citations	26610 56 h-index	22147 113 g-index

128 all docs	128 docs citations	128 times ranked	18857 citing authors

#	Article	IF	Citations
1	Translating habitat class to land cover to map area of habitat of terrestrial vertebrates. Conservation Biology, 2022, 36, .	2.4	13
2	Introduction, spread, and impacts of invasive alien mammal species in Europe. Mammal Review, 2022, 52, 252-266.	2.2	19
3	Bridging the research-implementation gap in IUCN Red List assessments. Trends in Ecology and Evolution, 2022, 37, 359-370.	4.2	58
4	Matrix condition mediates the effects of habitat fragmentation on species extinction risk. Nature Communications, 2022, 13, 595.	5.8	21
5	Achieving global biodiversity goals by 2050 requires urgent and integrated actions. One Earth, 2022, 5, 597-603.	3.6	57
6	Global protected areas seem insufficient to safeguard half of the world's mammals from human-induced extinction. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	24
7	A validation standard for area of habitat maps for terrestrial birds and mammals. Geoscientific Model Development, 2022, 15, 5093-5105.	1.3	3
8	Proactive conservation to prevent habitat losses to agricultural expansion. Nature Sustainability, 2021, 4, 314-322.	11.5	101
9	How many bird and mammal extinctions has recent conservation action prevented?. Conservation Letters, 2021, 14, e12762.	2.8	113
10	A metric for spatially explicit contributions to science-based species targets. Nature Ecology and Evolution, 2021, 5, 836-844.	3.4	61
11	COMBINE: a coalesced mammal database of intrinsic and extrinsic traits. Ecology, 2021, 102, e03344.	1.5	50
12	Drivers of change in the realised climatic niche of terrestrial mammals. Ecography, 2021, 44, 1180-1190.	2.1	18
13	DAMA: the global Distribution of Alien Mammals database. Ecology, 2021, 102, e03474.	1.5	20
14	Developing multiscale and integrative natureâ€“people scenarios using the Nature Futures Framework. People and Nature, 2020, 2, 1172-1195.	1.7	127
15	Set ambitious goals for biodiversity and sustainability. Science, 2020, 370, 411-413.	6.0	225
16	A global map of terrestrial habitat types. Scientific Data, 2020, 7, 256.	2.4	85
17	Post-2020 biodiversity targets need to embrace climate change. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30882-30891.	3.3	160
18	Global correlates of range contractions and expansions in terrestrial mammals. Nature Communications, 2020, 11, 2840.	5.8	68

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19	Global conservation of speciesâ€™ niches. Nature, 2020, 580, 232-234.	13.7	89
20	Projected Global Loss of Mammal Habitat Due to Land-Use and Climate Change. One Earth, 2020, 2, 578-585.	3.6	46
21	Synergies between the key biodiversity area and systematic conservation planning approaches. Conservation Letters, 2019, 12, e12625.	2.8	46
22	Measuring Terrestrial Area of Habitat (AOH) and Its Utility for the IUCN Red List. Trends in Ecology and Evolution, 2019, 34, 977-986.	4.2	181
23	Plan S and publishing: reply to LehtomÃki etÂal. 2019. Conservation Biology, 2019, 33, 1203-1204.	2.4	0
24	Geographic distribution ranges of terrestrial mammal species in the 1970s. Ecology, 2019, 100, e02747.	1.5	5
25	Measuring the surrogacy potential of charismatic megafauna species across taxonomic, phylogenetic and functional diversity on a megadiverse island. Journal of Applied Ecology, 2019, 56, 1220-1231.	1.9	17
26	Open access and academic imperialism. Conservation Biology, 2019, 33, 5-6.	2.4	16
27	Applying habitat and populationâ€density models to landâ€cover time series to inform IUCN Red List assessments. Conservation Biology, 2019, 33, 1084-1093.	2.4	56
28	The first red list of Italian butterflies. Insect Conservation and Diversity, 2018, 11, 506-521.	1.4	36
29	A framework for the identification of hotspots of climate change risk for mammals. Global Change Biology, 2018, 24, 1626-1636.	4.2	45
30	Environmental variation is a major predictor of global trait turnover in mammals. Journal of Biogeography, 2018, 45, 225-237.	1.4	17
31	A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios. Geoscientific Model Development, 2018, 11, 4537-4562.	1.3	61
32	Small terrestrial mammals of Albania: distribution and diversity (Mammalia, Eulipotyphla, Rodentia). ZooKeys, 2018, 742, 127-163.	0.5	5
33	Speciesâ€™ traits influenced their response to recent climate change. Nature Climate Change, 2017, 7, 205-208.	8.1	272
34	Shifting baseline in macroecology? Unravelling the influence of human impact on mammalian body mass. Diversity and Distributions, 2017, 23, 640-649.	1.9	37
35	Global hotspots and correlates of emerging zoonotic diseases. Nature Communications, 2017, 8, 1124.	5.8	645
36	Multiscale scenarios for nature futures. Nature Ecology and Evolution, 2017, 1, 1416-1419.	3.4	131

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37	Quantification of habitat fragmentation reveals extinction risk in terrestrial mammals. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7635-7640.	3.3	317
38	Global priorities for conservation across multiple dimensions of mammalian diversity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7641-7646.	3.3	213
39	Performance tradeoffs in targetâ€group bias correction for species distribution models. Ecography, 2017, 40, 1076-1087.	2.1	65
40	Setting population targets for mammals using body mass as a predictor of population persistence. Conservation Biology, 2017, 31, 385-393.	2.4	25
41	Assessing the suitability of diversity metrics to detect biodiversity change. Biological Conservation, 2017, 213, 341-350.	1.9	92
42	Geography of current and future global mammal extinction risk. PLoS ONE, 2017, 12, e0186934.	1.1	34
43	Assessing the Cost of Global Biodiversity and Conservation Knowledge. PLoS ONE, 2016, 11, e0160640.	1.1	65
44	A Composite Network Approach for Assessing Multi-Species Connectivity: An Application to Road Defragmentation Prioritisation. PLoS ONE, 2016, 11, e0164794.	1.1	20
45	Species and functional diversity accumulate differently in mammals. Global Ecology and Biogeography, 2016, 25, 1119-1130.	2.7	103
46	Assessing the umbrella value of a rangeâ€wide conservation network for jaguars (<i>Panthera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.8	72
47	Contrasting changes in the abundance and diversity of North American bird assemblages from 1971 to 2010. Global Change Biology, 2016, 22, 3948-3959.	4.2	79
48	Quantifying the relative irreplaceability of important bird and biodiversity areas. Conservation Biology, 2016, 30, 392-402.	2.4	24
49	Connectivity of the global network of protected areas. Diversity and Distributions, 2016, 22, 199-211.	1.9	103
50	Analysing biodiversity and conservation knowledge products to support regional environmental assessments. Scientific Data, 2016, 3, 160007.	2.4	67
51	Synergies and tradeâ€offs in achieving global biodiversity targets. Conservation Biology, 2016, 30, 189-195.	2.4	36
52	Global Biodiversity Indicators Reflect the Modeled Impacts of Protected Area Policy Change. Conservation Letters, 2016, 9, 14-20.	2.8	24
53	Global mammal beta diversity shows parallel assemblage structure in similar but isolated environments. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161028.	1.2	38
54	Projecting Global Biodiversity Indicators under Future Development Scenarios. Conservation Letters, 2016, 9, 5-13.	2.8	182

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55	The broad footprint of climate change from genes to biomes to people. Science, 2016, 354, .	6.0	883
56	Toward quantification of the impact of 21stâ€century deforestation on the extinction risk of terrestrial vertebrates. Conservation Biology, 2016, 30, 1070-1079.	2.4	88
57	Scenarios of large mammal loss in Europe for the 21st century. Conservation Biology, 2015, 29, 1028-1036.	2.4	23
58	A Red List of Italian Saproxylic Beetles: taxonomic overview, ecological features and conservation issues (Coleoptera). Fragmenta Entomologica, 2015, 47, 53.	0.4	83
59	Climate change modifies risk of global biodiversity loss due to land-cover change. Biological Conservation, 2015, 187, 103-111.	1.9	189
60	Assessing the umbrella value of a range-wide conservation network for jaguars (Panthera onca). , 2015, , .		2
61	High-Resolution Assessment of Land Use Impacts on Biodiversity in Life Cycle Assessment Using Species Habitat Suitability Models. Environmental Science & Technology, 2015, 49, 2237-2244.	4.6	47
62	Shortfalls and Solutions for Meeting National and Global Conservation Area Targets. Conservation Letters, 2015, 8, 329-337.	2.8	350
63	Assessing species vulnerability to climate change. Nature Climate Change, 2015, 5, 215-224.	8.1	856
64	Global Trends in the Status of Bird and Mammal Pollinators. Conservation Letters, 2015, 8, 397-403.	2.8	82
65	Historical drivers of extinction risk: using past evidence to direct future monitoring. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150928.	1.2	30
66	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. Biological Conservation, 2015, 191, 313-321.	1.9	7
67	Challenging the Scientific Foundations for an IUCN Red List of Ecosystems. Conservation Letters, 2015, 8, 125-131.	2.8	38
68	Habitat availability for amphibians and extinction threat: a global analysis. Diversity and Distributions, 2015, 21, 302-311.	1.9	103
69	A framework to identify enabling and urgent actions for the 2020 Aichi Targets. Basic and Applied Ecology, 2014, 15, 633-638.	1.2	58
70	Targeting Global Protected Area Expansion for Imperiled Biodiversity. PLoS Biology, 2014, 12, e1001891.	2.6	430
71	Restoring degraded tropical forests for carbon and biodiversity. Environmental Research Letters, 2014, 9, 114020.	2.2	62
72	An evaluation of the robustness of global amphibian range maps. Journal of Biogeography, 2014, 41, 211-221.	1.4	103

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73	Role of African protected areas in maintaining connectivity for large mammals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130193.	1.8	40
74	Imputation of missing data in lifeâ€history trait datasets: which approach performs the best?. Methods in Ecology and Evolution, 2014, 5, 961-970.	2.2	258
75	A mid-term analysis of progress toward international biodiversity targets. Science, 2014, 346, 241-244.	6.0	949
76	Drivers of extinction risk in African mammals: the interplay of distribution state, human pressure, conservation response and species biology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130198.	1.8	49
77	Update or Outdate: Longâ€Term Viability of the IUCN Red List. Conservation Letters, 2014, 7, 126-130.	2.8	96
78	Comparing multiple species distribution proxies and different quantifications of the human footprint map, implications for conservation. Biological Conservation, 2013, 165, 203-211.	1.9	35
79	Effects of Consumptive Water Use on Biodiversity in Wetlands of International Importance. Environmental Science & Technology, 2013, 47, 12248-12257.	4.6	95
80	Species richness and distribution of Neotropical rodents, with conservation implications. Mammalia, 2013, 77, 1-19.	0.3	24
81	Threats from Climate Change to Terrestrial Vertebrate Hotspots in Europe. PLoS ONE, 2013, 8, e74989.	1.1	79
82	A novel approach for global mammal extinction risk reduction. Conservation Letters, 2012, 5, 134-141.	2.8	37
83	Spatial turnover and knowledge gap of African small mammals: using country checklists as a conservation tool. Biodiversity and Conservation, 2012, 21, 1755-1793.	1.2	10
84	Mind the map: trips and pitfalls in making and reading maps of carnivore distribution. , 2012, , 31-46.		8
85	The future of terrestrial mammals in the Mediterranean basin under climate change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2681-2692.	1.8	87
86	Global patterns of fragmentation and connectivity of mammalian carnivore habitat. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2642-2651.	1.8	251
87	Ecologicalâ€“economic optimization of biodiversity conservation under climate change. Nature Climate Change, 2011, 1, 355-359.	8.1	85
88	Global habitat suitability models of terrestrial mammals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2633-2641.	1.8	240
89	Country-based patterns of total species richness, endemicity, and threatened species richness in African rodents and insectivores. Biodiversity and Conservation, 2011, 20, 1225-1237.	1.2	11
90	What spatial data do we need to develop global mammal conservation strategies?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2623-2632.	1.8	99

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91	Prioritizing conservation investments for mammal species globally. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2670-2680.	1.8	54
92	The key elements of a comprehensive global mammal conservation strategy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2591-2597.	1.8	46
93	Future hotspots of terrestrial mammal loss. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2693-2702.	1.8	107
94	Reconciling global mammal prioritization schemes into a strategy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2722-2728.	1.8	16
95	Experimental design and taxonomic scope of fragmentation studies on European mammals: current status and future priorities. Mammal Review, 2010, 40, 125-154.	2.2	61
96	Quantitative methods for defining percentage area targets for habitat types in conservation planning. Biological Conservation, 2010, 143, 1646-1653.	1.9	60
97	The Impact of Conservation on the Status of the Worldâ€™s Vertebrates. Science, 2010, 330, 1503-1509.	6.0	1,209
98	The Opportunity Cost of Conserving Amphibians and Mammals in Uganda. Natureza A Conservacao, 2010, 08, 177-183.	2.5	9
99	Distribution of medium- to large-sized African mammals based on habitat suitability models. Biodiversity and Conservation, 2008, 17, 605-621.	1.2	50
100	The Status of the World's Land and Marine Mammals: Diversity, Threat, and Knowledge. Science, 2008, 322, 225-230.	6.0	1,215
101	A gap analysis of Southeast Asian mammals based on habitat suitability models. Biological Conservation, 2008, 141, 2730-2744.	1.9	115
102	Change the IUCN Protected Area Categories to Reflect Biodiversity Outcomes. PLoS Biology, 2008, 6, e66.	2.6	53
103	Conserving Biodiversity Efficiently: What to Do, Where, and When. PLoS Biology, 2007, 5, e223.	2.6	398
104	How can you conserve species that haven't been found?. Journal of Biogeography, 2007, 34, 758-759.	1.4	41
105	Ecological Networks as Conceptual Frameworks or Operational Tools in Conservation. Conservation Biology, 2007, 21, 1414-1422.	2.4	168
106	Systematic Conservation Planning and the Cost of Tackling Conservation Conflicts with Large Carnivores in Italy. Conservation Biology, 2007, 21, 1455-1462.	2.4	32
107	Special Section: Systematic Conservation Planning in the European Landscape: Conflicts, Environmental Changes, and the Challenge of Countdown 2010. Conservation Biology, 2007, 21, 1404-1405.	2.4	8
108	Evaluating least-cost model predictions with empirical dispersal data: A case-study using radiotracking data of hedgehogs (Erinaceus europaeus). Ecological Modelling, 2007, 209, 314-322.	1.2	108

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109	High human density in the irreplaceable sites for African vertebrates conservation. Biological Conservation, 2006, 133, 358-363.	1.9	31
110	Tradeoffs of different types of species occurrence data for use in systematic conservation planning. Ecology Letters, 2006, 9, 1136-1145.	3.0	403
111	Differences in the Umbrella Effects of African Amphibians and Mammals Based on Two Estimators of the Area of Occupancy. Conservation Biology, 2006, 20, 170-179.	2.4	23
112	Habitat Suitability Models and the Shortfall in Conservation Planning for African Vertebrates. Conservation Biology, 2005, 19, 1488-1497.	2.4	124
113	Habitat use by beech martens in a fragmented landscape. Ecography, 2002, 25, 257-264.	2.1	57
114	Roads as barriers to movement for hedgehogs. Functional Ecology, 2002, 16, 504-509.	1.7	160
115	Long-term effects of prenatal 3'-azido-3'-deoxythymidine (AZT) exposure on intermale aggressive behaviour of mice. Psychopharmacology, 1999, 145, 317-323.	1.5	12
116	BioNNA: the Biodiversity National Network of Albania. Nature Conservation, 0, 25, 77-88.	0.0	2
117	Generation length for mammals. Nature Conservation, 0, 5, 89-94.	0.0	144
118	ï»¿Maps of area of habitat for Italian amphibians and reptiles. Nature Conservation, 0, 49, 117-129.	0.0	5