

Ben Collen

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

21,605
citations

44069

48
h-index

30922

102
g-index

124
all docs

124
docs citations

124
times ranked

25190
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Biodiversity: Indicators of Recent Declines. <i>Science</i> , 2010, 328, 1164-1168.	12.6	3,642
2	Defaunation in the Anthropocene. <i>Science</i> , 2014, 345, 401-406.	12.6	2,810
3	Global effects of land use on local terrestrial biodiversity. <i>Nature</i> , 2015, 520, 45-50.	27.8	2,669
4	The Status of the World's Land and Marine Mammals: Diversity, Threat, and Knowledge. <i>Science</i> , 2008, 322, 225-230.	12.6	1,215
5	The Impact of Conservation on the Status of the World's Vertebrates. <i>Science</i> , 2010, 330, 1503-1509.	12.6	1,209
6	Mammals on the EDGE: Conservation Priorities Based on Threat and Phylogeny. <i>PLoS ONE</i> , 2007, 2, e296.	2.5	772
7	The conservation status of the world's reptiles. <i>Biological Conservation</i> , 2013, 157, 372-385.	4.1	642
8	A Standard Lexicon for Biodiversity Conservation: Unified Classifications of Threats and Actions. <i>Conservation Biology</i> , 2008, 22, 897-911.	4.7	565
9	Large mammal population declines in Africa's protected areas. <i>Biological Conservation</i> , 2010, 143, 2221-2228.	4.1	537
10	Global patterns of freshwater species diversity, threat and endemism. <i>Global Ecology and Biogeography</i> , 2014, 23, 40-51.	5.8	486
11	The global distribution of tetrapods reveals a need for targeted reptile conservation. <i>Nature Ecology and Evolution</i> , 2017, 1, 1677-1682.	7.8	378
12	Monitoring Change in Vertebrate Abundance: the Living Planet Index. <i>Conservation Biology</i> , 2009, 23, 317-327.	4.7	336
13	Odonata enter the biodiversity crisis debate: The first global assessment of an insect group. <i>Biological Conservation</i> , 2009, 142, 1864-1869.	4.1	286
14	Freshwater crabs and the biodiversity crisis: Importance, threats, status, and conservation challenges. <i>Biological Conservation</i> , 2009, 142, 1665-1673.	4.1	260
15	Predicting the conservation status of data-deficient species. <i>Conservation Biology</i> , 2015, 29, 250-259.	4.7	254
16	Improvements to the Red List Index. <i>PLoS ONE</i> , 2007, 2, e140.	2.5	253
17	Multiple drivers of decline in the global status of freshwater crayfish (Decapoda: Astacidea). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140060.	4.0	225
18	The Tropical Biodiversity Data Gap: Addressing Disparity in Global Monitoring. <i>Tropical Conservation Science</i> , 2008, 1, 75-88.	1.2	218

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19	Biodiversity in a forest-agriculture mosaic – The changing face of West African rainforests. <i>Biological Conservation</i> , 2010, 143, 2341-2350.	4.1	218
20	Biodiversity Conservation and the Millennium Development Goals. <i>Science</i> , 2009, 325, 1502-1503.	12.6	216
21	Tracking Progress Toward the 2010 Biodiversity Target and Beyond. <i>Science</i> , 2009, 325, 1503-1504.	12.6	194
22	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	186
23	The <sc>PREDICTS</sc> database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , 2014, 4, 4701-4735.	1.9	178
24	Toward monitoring global biodiversity. <i>Conservation Letters</i> , 2008, 1, 18-26.	5.7	144
25	Clarifying misconceptions of extinction risk assessment with the IUCN Red List. <i>Biology Letters</i> , 2016, 12, 20150843.	2.3	137
26	Establishing IUCN Red List Criteria for Threatened Ecosystems. <i>Conservation Biology</i> , 2011, 25, 21-29.	4.7	132
27	Wildlife population trends in protected areas predicted by national socio-economic metrics and body size. <i>Nature Communications</i> , 2016, 7, 12747.	12.8	132
28	Complex long-term biodiversity change among invertebrates, bryophytes and lichens. <i>Nature Ecology and Evolution</i> , 2020, 4, 384-392.	7.8	130
29	The Global Distribution and Drivers of Alien Bird Species Richness. <i>PLoS Biology</i> , 2017, 15, e2000942.	5.6	126
30	Investing in evolutionary history: implementing a phylogenetic approach for mammal conservation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2611-2622.	4.0	122
31	Correlates of extinction risk in squamate reptiles: the relative importance of biology, geography, threat and range size. <i>Global Ecology and Biogeography</i> , 2016, 25, 391-405.	5.8	121
32	Forgotten Biodiversity in Desert Ecosystems. <i>Science</i> , 2012, 336, 1379-1380.	12.6	110
33	The Why, What, and How of Global Biodiversity Indicators Beyond the 2010 Target. <i>Conservation Biology</i> , 2011, 25, 450-457.	4.7	109
34	Fiddling in biodiversity hotspots while deserts burn? Collapse of the <sc>S</sc>ahara's megafauna. <i>Diversity and Distributions</i> , 2014, 20, 114-122.	4.1	102
35	The use of opportunistic data for IUCN Red List assessments. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 690-706.	1.6	99
36	Predicting how populations decline to extinction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2577-2586.	4.0	95

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37	Antarctica and the strategic plan for biodiversity. PLoS Biology, 2017, 15, e2001656.	5.6	82
38	Biological correlates of description date in carnivores and primates. Global Ecology and Biogeography, 2004, 13, 459-467.	5.8	81
39	Complexity is costly: a meta-analysis of parametric and non-parametric methods for short-term population forecasting. Oikos, 2014, 123, 652-661.	2.7	81
40	National Red Listing Beyond the 2010 Target. Conservation Biology, 2010, 24, 1012-1020.	4.7	80
41	Toward reassessing data-deficient species. Conservation Biology, 2017, 31, 531-539.	4.7	75
42	Making Robust Policy Decisions Using Global Biodiversity Indicators. PLoS ONE, 2012, 7, e41128.	2.5	75
43	Global biodiversity monitoring. Frontiers in Ecology and the Environment, 2010, 8, 459-460.	4.0	70
44	Linked indicator sets for addressing biodiversity loss. Oryx, 2011, 45, 411-419.	1.0	70
45	Global effects of land use on biodiversity differ among functional groups. Functional Ecology, 2020, 34, 684-693.	3.6	69
46	The conservation status of the world's freshwater molluscs. Hydrobiologia, 2021, 848, 3231-3254.	2.0	68
47	Simplification of Caribbean Reef-Fish Assemblages over Decades of Coral Reef Degradation. PLoS ONE, 2015, 10, e0126004.	2.5	68
48	Taking the measure of change. Science, 2014, 346, 166-167.	12.6	59
49	Inferring species extinction: the use of sighting records. Methods in Ecology and Evolution, 2015, 6, 678-687.	5.2	59
50	Correlates of extinction risk: phylogeny, biology, threat and scale. , 2001, , 295-316.		52
51	Temporal correlations in population trends: Conservation implications from time-series analysis of diverse animal taxa. Biological Conservation, 2015, 192, 247-257.	4.1	52
52	Reconciling Biodiversity Indicators to Guide Understanding and Action. Conservation Letters, 2016, 9, 405-412.	5.7	50
53	Extinction Risk: A Comparative Analysis of Central Asian Vertebrates. Biodiversity and Conservation, 2006, 15, 1859-1871.	2.6	48
54	Spatial and temporal extinction dynamics in a freshwater cetacean. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3139-3147.	2.6	47

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55	Experimentally testing the accuracy of an extinction estimator: Sollow's optimal linear estimation model. <i>Journal of Animal Ecology</i> , 2013, 82, 345-354.	2.8	47
56	Cost-effective assessment of extinction risk with limited information. <i>Journal of Applied Ecology</i> , 2015, 52, 861-870.	4.0	43
57	A global analysis of the determinants of alien geographical range size in birds. <i>Global Ecology and Biogeography</i> , 2016, 25, 1346-1355.	5.8	43
58	Prior specification in Bayesian occupancy modelling improves analysis of species occurrence data. <i>Ecological Indicators</i> , 2018, 93, 333-343.	6.3	43
59	A new method for identifying rapid decline dynamics in wild vertebrate populations. <i>Ecology and Evolution</i> , 2013, 3, 2378-2391.	1.9	42
60	Long-term trends in the abundance of Mediterranean wetland vertebrates: From global recovery to localized declines. <i>Biological Conservation</i> , 2011, 144, 1392-1399.	4.1	40
61	Data uncertainty and the selectivity of extinction risk in freshwater invertebrates. <i>Diversity and Distributions</i> , 2012, 18, 1211-1220.	4.1	40
62	Population and geographic range dynamics: implications for conservation planning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3743-3751.	4.0	39
63	BIODIVERSITY RESEARCH: When is a species really extinct? Testing extinction inference from a sighting record to inform conservation assessment. <i>Diversity and Distributions</i> , 2010, 16, 755-764.	4.1	37
64	Red flags: correlates of impaired species recovery. <i>Trends in Ecology and Evolution</i> , 2012, 27, 542-546.	8.7	34
65	Bridging the biodiversity data gaps: Recommendations to meet users' data needs. <i>Biodiversity Informatics</i> , 2013, 8, .	3.0	33
66	The Population Decline and Extinction of Darwin's Frogs. <i>PLoS ONE</i> , 2013, 8, e66957.	2.5	31
67	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.	2.6	30
68	Indicators for wild animal offtake: methods and case study for African mammals and birds. <i>Ecology and Society</i> , 2015, 20, .	2.3	29
69	Global evolutionary isolation measures can capture key local conservation species in Nearctic and Neotropical bird communities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140013.	4.0	28
70	Interactions between assembly order and temperature can alter both short- and long-term community composition. <i>Ecology and Evolution</i> , 2013, 3, 5201-5208.	1.9	27
71	Choice of baseline affects historical population trends in hunted mammals of North America. <i>Biological Conservation</i> , 2020, 242, 108421.	4.1	26
72	Rapoport's rule and determinants of species range size in snakes. <i>Diversity and Distributions</i> , 2017, 23, 1472-1481.	4.1	25

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73	Strict protected areas are essential for the conservation of larger and threatened mammals in a priority region of the Brazilian Cerrado. <i>Biological Conservation</i> , 2020, 251, 108762.	4.1	25
74	Global Biodiversity Indicators Reflect the Modeled Impacts of Protected Area Policy Change. <i>Conservation Letters</i> , 2016, 9, 14-20.	5.7	24
75	Long-term data for endemic frog genera reveal potential conservation crisis in the Bale Mountains, Ethiopia. <i>Oryx</i> , 2013, 47, 59-69.	1.0	22
76	Using decision science to evaluate global biodiversity indices. <i>Conservation Biology</i> , 2021, 35, 492-501.	4.7	20
77	Accelerating the monitoring of global biodiversity: Revisiting the sampled approach to generating Red List Indices. <i>Conservation Letters</i> , 2020, 13, e12703.	5.7	19
78	Bias, incompleteness and the “known unknowns” in the Holocene faunal record. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190216.	4.0	18
79	Monitoring extinction risk and threats of the world’s fishes based on the Sampled Red List Index. <i>Reviews in Fish Biology and Fisheries</i> , 2022, 32, 975-991.	4.9	17
80	Pragmatism and Practice in Classifying Threats: Reply to Balmford et al.. <i>Conservation Biology</i> , 2009, 23, 488-493.	4.7	16
81	Field surveys for the Endangered pygmy hippopotamus <i>Choeropsis liberiensis</i> in Sapo National Park, Liberia. <i>Oryx</i> , 2011, 45, 35-37.	1.0	15
82	Use it or lose it: measuring trends in wild species subject to substantial use. <i>Oryx</i> , 2014, 48, 420-429.	1.0	15
83	The present and future effects of land use on ecological assemblages in tropical grasslands and savannas in Africa. <i>Oikos</i> , 2017, 126, 1760-1769.	2.7	15
84	Barometer of Life: Sampling. <i>Science</i> , 2010, 329, 140-140.	12.6	14
85	The Arctic Species Trend Index: using vertebrate population trends to monitor the health of a rapidly changing ecosystem. <i>Biodiversity</i> , 2012, 13, 144-156.	1.1	14
86	Conservation prioritization in the context of uncertainty. <i>Animal Conservation</i> , 2015, 18, 315-317.	2.9	14
87	Effects of Recent Environmental Change on Accuracy of Inferences of Extinction Status. <i>Conservation Biology</i> , 2014, 28, 971-981.	4.7	11
88	National Indicators Show Biodiversity Progress Response. <i>Science</i> , 2010, 329, 900-901.	12.6	10
89	Evidence for Rapoport’s rule and latitudinal patterns in the global distribution and diversity of alien bird species. <i>Journal of Biogeography</i> , 2020, 47, 1362-1372.	3.0	10
90	Why Huddle? Ecological Drivers of Chick Aggregations in Gentoo Penguins, <i>Pygoscelis papua</i> , across Latitudes. <i>PLoS ONE</i> , 2016, 11, e0145676.	2.5	10

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91	The growing availability of invertebrate extinction risk assessments – A response to Cardoso et al. (October 2011): Adapting the IUCN Red List criteria for invertebrates. <i>Biological Conservation</i> , 2012, 149, 145-146.	4.1	9
92	Effects of directional environmental change on extinction dynamics in experimental microbial communities are predicted by a simple model. <i>Oikos</i> , 2014, 123, 141-150.	2.7	9
93	Probabilistic methods for determining extinction chronologies. , 2009, , 181-192.		9
94	Toward equality of biodiversity knowledge through technology transfer. <i>Conservation Biology</i> , 2015, 29, 1290-1302.	4.7	8
95	Patterns of mammalian population decline inform conservation action. <i>Journal of Applied Ecology</i> , 2016, 53, 1046-1054.	4.0	8
96	Time-lapse cameras reveal latitude and season influence breeding phenology durations in penguins. <i>Ecology and Evolution</i> , 2018, 8, 8286-8296.	1.9	8
97	Compatibility between agendas for improving human development and wildlife conservation outside protected areas: Insights from 20 years of data. <i>People and Nature</i> , 2019, 1, 305-316.	3.7	8
98	An assessment of threats to Anatidae in Iran. <i>Bird Conservation International</i> , 2015, 25, 242-257.	1.3	7
99	Assessing the conservation value of secondary savanna for large mammals in the Brazilian Cerrado. <i>Biotropica</i> , 2017, 49, 734-744.	1.6	7
100	Practitioner and scientist perceptions of successful amphibian conservation. <i>Conservation Biology</i> , 2018, 32, 366-375.	4.7	7
101	Species loss: lack of data leaves a gap. <i>Nature</i> , 2016, 537, 488-488.	27.8	6
102	Setting priority conservation management regions to reverse rapid range decline of a key neotropical forest ungulate. <i>Global Ecology and Conservation</i> , 2021, 31, e01796.	2.1	6