

Ben Collen

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

21,605
citations

50566

48
h-index

35168

102
g-index

124
all docs

124
docs citations

124
times ranked

28102
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Biodiversity: Indicators of Recent Declines. <i>Science</i> , 2010, 328, 1164-1168.	6.0	3,642
2	Defaunation in the Anthropocene. <i>Science</i> , 2014, 345, 401-406.	6.0	2,810
3	Global effects of land use on local terrestrial biodiversity. <i>Nature</i> , 2015, 520, 45-50.	13.7	2,669
4	The Status of the World's Land and Marine Mammals: Diversity, Threat, and Knowledge. <i>Science</i> , 2008, 322, 225-230.	6.0	1,215
5	The Impact of Conservation on the Status of the World's Vertebrates. <i>Science</i> , 2010, 330, 1503-1509.	6.0	1,209
6	Mammals on the EDGE: Conservation Priorities Based on Threat and Phylogeny. <i>PLoS ONE</i> , 2007, 2, e296.	1.1	772
7	The conservation status of the world's reptiles. <i>Biological Conservation</i> , 2013, 157, 372-385.	1.9	642
8	A Standard Lexicon for Biodiversity Conservation: Unified Classifications of Threats and Actions. <i>Conservation Biology</i> , 2008, 22, 897-911.	2.4	565
9	Large mammal population declines in Africa's protected areas. <i>Biological Conservation</i> , 2010, 143, 2221-2228.	1.9	537
10	Global patterns of freshwater species diversity, threat and endemism. <i>Global Ecology and Biogeography</i> , 2014, 23, 40-51.	2.7	486
11	The global distribution of tetrapods reveals a need for targeted reptile conservation. <i>Nature Ecology and Evolution</i> , 2017, 1, 1677-1682.	3.4	378
12	Monitoring Change in Vertebrate Abundance: the Living Planet Index. <i>Conservation Biology</i> , 2009, 23, 317-327.	2.4	336
13	Odonata enter the biodiversity crisis debate: The first global assessment of an insect group. <i>Biological Conservation</i> , 2009, 142, 1864-1869.	1.9	286
14	Freshwater crabs and the biodiversity crisis: Importance, threats, status, and conservation challenges. <i>Biological Conservation</i> , 2009, 142, 1665-1673.	1.9	260
15	Predicting the conservation status of data-deficient species. <i>Conservation Biology</i> , 2015, 29, 250-259.	2.4	254
16	Improvements to the Red List Index. <i>PLoS ONE</i> , 2007, 2, e140.	1.1	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.	1.8	225
18	The Tropical Biodiversity Data Gap: Addressing Disparity in Global Monitoring. <i>Tropical Conservation Science</i> , 2008, 1, 75-88.	0.6	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.	1.9	218
20	Biodiversity Conservation and the Millennium Development Goals. <i>Science</i> , 2009, 325, 1502-1503.	6.0	216
21	Tracking Progress Toward the 2010 Biodiversity Target and Beyond. <i>Science</i> , 2009, 325, 1503-1504.	6.0	194
22	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq0 0 0rgBT /Overlock 10 T	0.8	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.	0.8	178
24	Toward monitoring global biodiversity. <i>Conservation Letters</i> , 2008, 1, 18-26.	2.8	144
25	Clarifying misconceptions of extinction risk assessment with the IUCN Red List. <i>Biology Letters</i> , 2016, 12, 20150843.	1.0	137
26	Establishing IUCN Red List Criteria for Threatened Ecosystems. <i>Conservation Biology</i> , 2011, 25, 21-29.	2.4	132
27	Wildlife population trends in protected areas predicted by national socio-economic metrics and body size. <i>Nature Communications</i> , 2016, 7, 12747.	5.8	132
28	Complex long-term biodiversity change among invertebrates, bryophytes and lichens. <i>Nature Ecology and Evolution</i> , 2020, 4, 384-392.	3.4	130
29	The Global Distribution and Drivers of Alien Bird Species Richness. <i>PLoS Biology</i> , 2017, 15, e2000942.	2.6	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.	1.8	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.	2.7	121
32	Forgotten Biodiversity in Desert Ecosystems. <i>Science</i> , 2012, 336, 1379-1380.	6.0	110
33	The Why, What, and How of Global Biodiversity Indicators Beyond the 2010 Target. <i>Conservation Biology</i> , 2011, 25, 450-457.	2.4	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.	1.9	102
35	The use of opportunistic data for IUCN Red List assessments. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 690-706.	0.7	99
36	Predicting how populations decline to extinction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2577-2586.	1.8	95

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37	Antarctica and the strategic plan for biodiversity. <i>PLoS Biology</i> , 2017, 15, e2001656.	2.6	82
38	Biological correlates of description date in carnivores and primates. <i>Global Ecology and Biogeography</i> , 2004, 13, 459-467.	2.7	81
39	Complexity is costly: a meta-analysis of parametric and non-parametric methods for short-term population forecasting. <i>Oikos</i> , 2014, 123, 652-661.	1.2	81
40	National Red Listing Beyond the 2010 Target. <i>Conservation Biology</i> , 2010, 24, 1012-1020.	2.4	80
41	Toward reassessing data-deficient species. <i>Conservation Biology</i> , 2017, 31, 531-539.	2.4	75
42	Making Robust Policy Decisions Using Global Biodiversity Indicators. <i>PLoS ONE</i> , 2012, 7, e41128.	1.1	75
43	Global biodiversity monitoring. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 459-460.	1.9	70
44	Linked indicator sets for addressing biodiversity loss. <i>Oryx</i> , 2011, 45, 411-419.	0.5	70
45	Global effects of land use on biodiversity differ among functional groups. <i>Functional Ecology</i> , 2020, 34, 684-693.	1.7	69
46	The conservation status of the world's freshwater molluscs. <i>Hydrobiologia</i> , 2021, 848, 3231-3254.	1.0	68
47	Simplification of Caribbean Reef-Fish Assemblages over Decades of Coral Reef Degradation. <i>PLoS ONE</i> , 2015, 10, e0126004.	1.1	68
48	Taking the measure of change. <i>Science</i> , 2014, 346, 166-167.	6.0	59
49	Inferring species extinction: the use of sighting records. <i>Methods in Ecology and Evolution</i> , 2015, 6, 678-687.	2.2	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. <i>Biological Conservation</i> , 2015, 192, 247-257.	1.9	52
52	Reconciling Biodiversity Indicators to Guide Understanding and Action. <i>Conservation Letters</i> , 2016, 9, 405-412.	2.8	50
53	Extinction Risk: A Comparative Analysis of Central Asian Vertebrates. <i>Biodiversity and Conservation</i> , 2006, 15, 1859-1871.	1.2	48
54	Spatial and temporal extinction dynamics in a freshwater cetacean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3139-3147.	1.2	47

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55	Experimentally testing the accuracy of an extinction estimator: S low's optimal linear estimation model. <i>Journal of Animal Ecology</i> , 2013, 82, 345-354.	1.3	47
56	Cost-effective assessment of extinction risk with limited information. <i>Journal of Applied Ecology</i> , 2015, 52, 861-870.	1.9	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.	2.7	43
58	Prior specification in Bayesian occupancy modelling improves analysis of species occurrence data. <i>Ecological Indicators</i> , 2018, 93, 333-343.	2.6	43
59	A new method for identifying rapid decline dynamics in wild vertebrate populations. <i>Ecology and Evolution</i> , 2013, 3, 2378-2391.	0.8	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.	1.9	40
61	Data uncertainty and the selectivity of extinction risk in freshwater invertebrates. <i>Diversity and Distributions</i> , 2012, 18, 1211-1220.	1.9	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.	1.8	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.	1.9	37
64	Red flags: correlates of impaired species recovery. <i>Trends in Ecology and Evolution</i> , 2012, 27, 542-546.	4.2	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.	1.1	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.	1.2	30
68	Indicators for wild animal offtake: methods and case study for African mammals and birds. <i>Ecology and Society</i> , 2015, 20, .	1.0	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.	1.8	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.	0.8	27
71	Choice of baseline affects historical population trends in hunted mammals of North America. <i>Biological Conservation</i> , 2020, 242, 108421.	1.9	26
72	Rapoport's rule and determinants of species range size in snakes. <i>Diversity and Distributions</i> , 2017, 23, 1472-1481.	1.9	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.	1.9	25
74	Global Biodiversity Indicators Reflect the Modeled Impacts of Protected Area Policy Change. <i>Conservation Letters</i> , 2016, 9, 14-20.	2.8	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.	0.5	22
76	Using decision science to evaluate global biodiversity indices. <i>Conservation Biology</i> , 2021, 35, 492-501.	2.4	20
77	Accelerating the monitoring of global biodiversity: Revisiting the sampled approach to generating Red List Indices. <i>Conservation Letters</i> , 2020, 13, e12703.	2.8	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.	1.8	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.	2.4	17
80	Pragmatism and Practice in Classifying Threats: Reply to Balmford et al.. <i>Conservation Biology</i> , 2009, 23, 488-493.	2.4	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.	0.5	15
82	Use it or lose it: measuring trends in wild species subject to substantial use. <i>Oryx</i> , 2014, 48, 420-429.	0.5	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.	1.2	15
84	Barometer of Life: Sampling. <i>Science</i> , 2010, 329, 140-140.	6.0	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.	0.5	14
86	Conservation prioritization in the context of uncertainty. <i>Animal Conservation</i> , 2015, 18, 315-317.	1.5	14
87	Effects of Recent Environmental Change on Accuracy of Inferences of Extinction Status. <i>Conservation Biology</i> , 2014, 28, 971-981.	2.4	11
88	National Indicators Show Biodiversity Progress Response. <i>Science</i> , 2010, 329, 900-901.	6.0	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.	1.4	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.	1.1	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.	1.9	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.	1.2	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.	2.4	8
95	Patterns of mammalian population decline inform conservation action. <i>Journal of Applied Ecology</i> , 2016, 53, 1046-1054.	1.9	8
96	Time-lapse cameras reveal latitude and season influence breeding phenology durations in penguins. <i>Ecology and Evolution</i> , 2018, 8, 8286-8296.	0.8	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.	1.7	8
98	An assessment of threats to Anatidae in Iran. <i>Bird Conservation International</i> , 2015, 25, 242-257.	0.7	7
99	Assessing the conservation value of secondary savanna for large mammals in the Brazilian Cerrado. <i>Biotropica</i> , 2017, 49, 734-744.	0.8	7
100	Practitioner and scientist perceptions of successful amphibian conservation. <i>Conservation Biology</i> , 2018, 32, 366-375.	2.4	7
101	Species loss: lack of data leaves a gap. <i>Nature</i> , 2016, 537, 488-488.	13.7	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.	1.0	6