Corey J A Bradshaw

List of Publications by Year
in descending order

299 papers	23,918 citations	13087 68 h-index	10441 139 g-index
336 all docs	336 docs citations	336 times ranked	26538 citing authors

#	Article	IF	Citations
1	Primary forests are irreplaceable for sustaining tropical biodiversity. Nature, 2011, 478, 378-381.	13.7	1,600
2	Synergies among extinction drivers under global change. Trends in Ecology and Evolution, 2008, 23, 453-460.	4.2	1,507
3	STRENGTH OF EVIDENCE FOR DENSITY DEPENDENCE IN ABUNDANCE TIME SERIES OF 1198 SPECIES. Ecology, 2006, 87, 1445-1451.	1.5	961
4	Averting biodiversity collapse in tropical forest protected areas. Nature, 2012, 489, 290-294.	13.7	909
5	Scaling laws of marine predator search behaviour. Nature, 2008, 451, 1098-1102.	13.7	852
6	Genetics in conservation management: Revised recommendations for the 50/500 rules, Red List criteria and population viability analyses. Biological Conservation, 2014, 170, 56-63.	1.9	729
7	High and rising economic costs of biological invasions worldwide. Nature, 2021, 592, 571-576.	13.7	582
8	Massive yet grossly underestimated global costs of invasive insects. Nature Communications, 2016, 7, 12986.	5.8	546
9	Sequencing ancient calcified dental plaque shows changes in oral microbiota with dietary shifts of the Neolithic and Industrial revolutions. Nature Genetics, 2013, 45, 450-455.	9.4	500
10	Global evidence that deforestation amplifies flood risk and severity in the developing world. Global Change Biology, 2007, 13, 2379-2395.	4.2	430
11	Measuring the Meltdown: Drivers of Global Amphibian Extinction and Decline. PLoS ONE, 2008, 3, e1636.	1.1	351
12	Minimum viable population size: A meta-analysis of 30 years of published estimates. Biological Conservation, 2007, 139, 159-166.	1.9	349
13	Tropical turmoil: a biodiversity tragedy in progress. Frontiers in Ecology and the Environment, 2009, 7, 79-87.	1.9	334
14	Near-Complete Extinction of Native Small Mammal Fauna 25 Years After Forest Fragmentation. Science, 2013, 341, 1508-1510.	6.0	307
15	Seaweed Communities in Retreat from Ocean Warming. Current Biology, 2011, 21, 1828-1832.	1.8	297
16	Burden of proof: A comprehensive review of the feasibility of 100% renewable-electricity systems. Renewable and Sustainable Energy Reviews, 2017, 76, 1122-1133.	8.2	292
17	Underestimating the Challenges of Avoiding a Ghastly Future. Frontiers in Conservation Science, 2021, 1, .	0.9	277
18	Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover. Science, 2015, 349, 602-606.	6.0	274

#	Article	IF	Citations
19	Little left to lose: deforestation and forest degradation in Australia since European colonization. Journal of Plant Ecology, 2012, 5, 109-120.	1.2	262
20	Complexities of coastal shark movements and their implications for management. Marine Ecology - Progress Series, 2010, 408, 275-293.	0.9	246
21	Global estimates of boreal forest carbon stocks and flux. Global and Planetary Change, 2015, 128, 24-30.	1.6	239
22	Pragmatic population viability targets in a rapidly changing world. Biological Conservation, 2010, 143, 28-34.	1.9	213
23	Mechanisms driving change: altered species interactions and ecosystem function through global warming. Journal of Animal Ecology, 2010, 79, 937-947.	1.3	176
24	Loyalty pays: potential life history consequences of fidelity to marine foraging regions by southern elephant seals. Animal Behaviour, 2004, 68, 1349-1360.	0.8	175
25	Banning Trophy Hunting Will Exacerbate Biodiversity Loss. Trends in Ecology and Evolution, 2016, 31, 99-102.	4.2	164
26	Urgent preservation of boreal carbon stocks and biodiversity. Trends in Ecology and Evolution, 2009, 24, 541-548.	4.2	156
27	You are what you eat: describing the foraging ecology of southern elephant seals (Mirounga leonina) using blubber fatty acids. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1283-1292.	1.2	155
28	Blubber and buoyancy: monitoring the body condition of free-ranging seals using simple dive characteristics. Journal of Experimental Biology, 2003, 206, 3405-3423.	0.8	154
29	Chapter 4 Susceptibility of Sharks, Rays and Chimaeras to Global Extinction. Advances in Marine Biology, 2009, 56, 275-363.	0.7	154
30	Population size and structure of whale sharks Rhincodon typus at Ningaloo Reef, Western Australia. Marine Ecology - Progress Series, 2006, 319, 275-285.	0.9	153
31	Improving the Performance of the Roundtable on Sustainable Palm Oil for Nature Conservation. Conservation Biology, 2010, 24, 377-381.	2.4	147
32	Human population reduction is not a quick fix for environmental problems. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16610-16615.	3.3	141
33	Why do Argos satellite tags deployed on marine animals stop transmitting?. Journal of Experimental Marine Biology and Ecology, 2007, 349, 52-60.	0.7	136
34	Evaluating the Relative Environmental Impact of Countries. PLoS ONE, 2010, 5, e10440.	1.1	135
35	Spot the match - wildlife photo-identification using information theory. Frontiers in Zoology, 2007, 4, 2.	0.9	132
36	Distribution models predict large contractions of habitatâ€forming seaweeds in response to ocean warming. Diversity and Distributions, 2018, 24, 1350-1366.	1.9	129

#	Article	IF	Citations
37	Woodland Caribou Relative to Landscape Patterns in Northeastern Alberta. Journal of Wildlife Management, 1997, 61, 622.	0.7	127
38	Momentum Drives the Crash: Mass Extinction in the Tropics1. Biotropica, 2006, 38, 302-305.	0.8	126
39	Population status, trends and a re-examination of the hypotheses explaining the recent declines of the southern elephant seal Mirounga leonina. Mammal Review, 2005, 35, 82-100.	2.2	125
40	Resource partitioning through oceanic segregation of foraging juvenile southern elephant seals (Mirounga leonina). Oecologia, 2005, 142, 127-135.	0.9	125
41	Minimum viable population sizes and global extinction risk are unrelated. Ecology Letters, 2006, 9, 375-382.	3.0	125
42	Future habitat loss and the conservation of plant biodiversity. Biological Conservation, 2010, 143, 1594-1602.	1.9	125
43	Climate change not to blame for late Quaternary megafauna extinctions in Australia. Nature Communications, 2016, 7, 10511.	5.8	109
44	Dispersal of female southern elephant seals and their prey consumption during the austral summer: relevance to management and oceanographic zones. Journal of Applied Ecology, 2003, 40, 703-715.	1.9	106
45	Correlates of extinction proneness in tropical angiosperms. Diversity and Distributions, 2008, 14, 1-10.	1.9	106
46	Effectiveness of Biological Surrogates for Predicting Patterns of Marine Biodiversity: A Global Meta-Analysis. PLoS ONE, 2011, 6, e20141.	1.1	105
47	Periodic variability in cetacean strandings: links to large-scale climate events. Biology Letters, 2005, 1, 147-150.	1.0	104
48	Synergistic roles of climate warming and human occupation in Patagonian megafaunal extinctions during the Last Deglaciation. Science Advances, 2016, 2, e1501682.	4.7	102
49	MEASUREMENT ERROR CAUSES SCALE-DEPENDENT THRESHOLD EROSION OF BIOLOGICAL SIGNALS IN ANIMAL MOVEMENT DATA. , 2007, 17, 628-638.		101
50	Spatial and temporal movement patterns of a multi-species coastal reef shark aggregation. Marine Ecology - Progress Series, 2011, 429, 261-275.	0.9	101
51	Foraging ecology of a generalist predator, the female New Zealand fur seal. Marine Ecology - Progress Series, 2002, 227, 11-24.	0.9	93
52	Age-related shifts in the diet composition of southern elephant seals expand overall foraging niche. Marine Biology, 2007, 150, 1441-1452.	0.7	91
53	Environmental and spatial predictors of species richness and abundance in coral reef fishes. Global Ecology and Biogeography, 2010, 19, 212-222.	2.7	90
54	In situ measures of foraging success and prey encounter reveal marine habitat-dependent search strategies. Ecology, 2011, 92, 1258-1270.	1.5	89

#	Article	IF	Citations
55	Scarring patterns and relative mortality rates of Indian Ocean whale sharks. Journal of Fish Biology, 2008, 72, 1488-1503.	0.7	87
56	The thetaâ€logistic is unreliable for modelling most census data. Methods in Ecology and Evolution, 2010, 1, 253-262.	2.2	87
57	Oceanâ€scale prediction of whale shark distribution. Diversity and Distributions, 2012, 18, 504-518.	1.9	87
58	Limited evidence for the demographic Allee effect from numerous species across taxa. Ecology, 2010, 91, 2151-2161.	1.5	84
59	Winter habitat use and foraging behavior of crabeater seals along the Western Antarctic Peninsula. Deep-Sea Research Part II: Topical Studies in Oceanography, 2004, 51, 2279-2303.	0.6	83
60	Inferring population trends for the world's largest fish from mark?recapture estimates of survival. Journal of Animal Ecology, 2007, 76, 480-489.	1.3	82
61	Predicting Publication Success for Biologists. BioScience, 2013, 63, 817-823.	2.2	82
62	Eating Frogs to Extinction. Conservation Biology, 2009, 23, 1056-1059.	2.4	81
63	Effects of age, size and condition of elephant seals (Mirounga leonina) on their intravenous anaesthesia with tiletamine and zolazepam. Veterinary Record, 2002, 151, 235-240.	0.2	80
64	Inferred global connectivity of whale shark Rhincodon typus populations. Journal of Fish Biology, 2013, 82, 367-389.	0.7	80
65	Estimating the rate of quasi-extinction of the Australian grey nurse shark (Carcharias taurus) population using deterministic age- and stage-classified models. Biological Conservation, 2004, 119, 341-350.	1.9	78
66	Warming and fertilization alter the dilution effect of host diversity on disease severity. Ecology, 2016, 97, 1680-1689.	1.5	76
67	Key role for nuclear energy in global biodiversity conservation. Conservation Biology, 2015, 29, 702-712.	2.4	75
68	Density dependence: an ecological Tower of Babel. Oecologia, 2012, 170, 585-603.	0.9	74
69	Vertical stratification of fatty acids in the blubber of southern elephant seals (Mirounga leonina): implications for diet analysis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 134, 253-263.	0.7	73
70	Population dynamics can be more important than physiological limits for determining range shifts under climate change. Global Change Biology, 2013, 19, 3224-3237.	4.2	73
71	Feast or famine: evidence for mixed capitalâ€“income breeding strategies in Weddell seals. Oecologia, 2008, 155, 11-20.	0.9	71
72	V.1 Causes and Consequences of Species Extinctions. , 2009, , 514-520.		71

#	Article	IF	Citations
73	Evaluating options for the future energy mix of Japan after the Fukushima nuclear crisis. Energy Policy, 2013, 56, 418-424.	4.2	71
74	Effects of Petroleum Exploration on Woodland Caribou in Northeastern Alberta. Journal of Wildlife Management, 1997, 61, 1127.	0.7	70
75	Influence of maternal mass and condition on energy transfer in Weddell seals. Journal of Animal Ecology, 2006, 75, 724-733.	1.3	70
76	Current and future threats from non-indigenous animal species in northern Australia: a spotlight on World Heritage Area Kakadu National Park. Wildlife Research, 2007, 34, 419.	0.7	70
77	Tracking and dataâ€“logging devices attached to elephant seals do not affect individual mass gain or survival. Journal of Experimental Marine Biology and Ecology, 2008, 360, 71-77.	0.7	70
78	To go or not to go with the flow: Environmental influences on whale shark movement patterns. Journal of Experimental Marine Biology and Ecology, 2010, 390, 84-98.	0.7	68
79	Early human settlement of Sahul was not an accident. Scientific Reports, 2019, 9, 8220.	1.6	68
80	Heat-seeking sharks: support for behavioural thermoregulation in reef sharks. Marine Ecology - Progress Series, 2012, 463, 231-244.	0.9	68
81	Aerial survey as a tool to estimate whale shark abundance trends. Journal of Experimental Marine Biology and Ecology, 2009, 368, 1-8.	0.7	66
82	Satellite tracking reveals unusual diving characteristics for a marine reptile, the olive ridley turtle Lepidochelys olivacea. Marine Ecology - Progress Series, 2007, 329, 239-252.	0.9	66
83	Trophic ecology of reef sharks determined using stable isotopes and telemetry. Coral Reefs, 2012, 31, 357-367.	0.9	65
84	Using biogeographical patterns of endemic land snails to improve conservation planning for limestone karsts. Biological Conservation, 2008, 141, 2751-2764.	1.9	64
85	Species decline under nitrogen fertilization increases community-level competence of fungal diseases. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162621.	1.2	64
86	At-sea distribution of female southern elephant seals relative to variation in ocean surface properties. ICES Journal of Marine Science, 2004, 61, 1014-1027.	1.2	63
87	Decline in whale shark size and abundance at Ningaloo Reef over the past decade: The worldâ€™s largest fish is getting smaller. Biological Conservation, 2008, 141, 1894-1905.	1.9	62
88	Population abundance and apparent survival of the Vulnerable whale shark Rhincodon typus in the Seychelles aggregation. Oryx, 2009, 43, 591.	0.5	62
89	Quantifying movement patterns for shark conservation at remote coral atolls in the Indian Ocean. Coral Reefs, 2011, 30, 61-71.	0.9	62
90	Identification of Rays through DNA Barcoding: An Application for Ecologists. PLoS ONE, 2012, 7, e36479.	1.1	62

#	Article	IF	Citations
91	Brave new green world â€“ Consequences of a carbon economy for the conservation of Australian biodiversity. Biological Conservation, 2013, 161, 71-90.	1.9	61
92	Co-extinctions annihilate planetary life during extreme environmental change. Scientific Reports, 2018, 8, 16724.	1.6	60
93	Global zero-carbon energy pathways using viable mixes of nuclear and renewables. Applied Energy, 2015, 143, 451-459.	5.1	59
94	Winter peatland habitat selection by woodland caribou in northeastern Alberta. Canadian Journal of Zoology, 1995, 73, 1567-1574.	0.4	58
95	Threat or invasive status in legumes is related to opposite extremes of the same ecological and lifeâ€history attributes. Journal of Ecology, 2008, 96, 869-883.	1.9	58
96	ENDOGENOUS AND EXOGENOUS FACTORS CONTROLLING TEMPORAL ABUNDANCE PATTERNS OF TROPICAL MOSQUITOES. , 2008, 18, 2028-2040.		58
97	Robust estimates of extinction time in the geological record. Quaternary Science Reviews, 2012, 33, 14-19.	1.4	58
98	Accuracy of species identification by fisheries observers in a north Australian shark fishery. Fisheries Research, 2012, 127-128, 109-115.	0.9	58
99	Efficiency of electrofishing in turbid lowland rivers: implications for measuring temporal change in fish populations. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 878-886.	0.7	58
100	Detailed assessment of the reported economic costs of invasive species in Australia. NeoBiota, 0, 67, 511-550.	1.0	58
101	Environmental and allometric drivers of tree growth rates in a north Australian savanna. Forest Ecology and Management, 2006, 234, 164-180.	1.4	57
102	Explaining maximum variation in productivity requires phylogenetic diversity and single functional traits. Ecology, 2015, 96, 176-183.	1.5	56
103	Depletion of deep marine food patches forces divers to give up early. Journal of Animal Ecology, 2013, 82, 72-83.	1.3	55
104	An efficient protocol for the global sensitivity analysis of stochastic ecological models. Ecosphere, 2016, 7, e01238.	1.0	55
105	Eye on the Taiga: Removing Global Policy Impediments to Safeguard the Boreal Forest. Conservation Letters, 2014, 7, 408-418.	2.8	54
106	Blubber fatty acid profiles indicate dietary resource partitioning between adult and juvenile southern elephant seals. Marine Ecology - Progress Series, 2009, 384, 303-312.	0.9	54
107	Geographic and temporal variation in the condition of pups of the New Zealand fur seal (Arctocephalus forsteri): evidence for density dependence and differences in the marine environment. Journal of Zoology, 2000, 252, 41-51.	0.8	53
108	Biophysical correlates of relative abundances of marine megafauna at Ningaloo Reef, Western Australia. Marine and Freshwater Research, 2007, 58, 608.	0.7	52

#	Article	IF	Citations
109	Distribution models for koalas in <scp>S</scp>outh <scp>A</scp>ustralia using citizen scienceâ€collected data. Ecology and Evolution, 2014, 4, 2103-2114.	0.8	52
110	FORUM: Dingoes can help conserve wildlife and our methods can tell. Journal of Applied Ecology, 2015, 52, 281-285.	1.9	51
111	Reef size and isolation determine the temporal stability of coral reef fish populations. Ecology, 2010, 91, 3138-3145.	1.5	49
112	Predicting current and future global distributions of whale sharks. Global Change Biology, 2014, 20, 778-789.	4.2	49
113	How to Rank Journals. PLoS ONE, 2016, 11, e0149852.	1.1	47
114	Energetic implications of disturbance caused by petroleum exploration to woodland caribou. Canadian Journal of Zoology, 1998, 76, 1319-1324.	0.4	46
115	Protein mining the worldâ€™s oceans: Australasia as an example of illegal expansionâ€andâ€displacement fishing. Fish and Fisheries, 2009, 10, 323-328.	2.7	46
116	An ecological regime shift resulting from disrupted predatorâ€“prey interactions in Holocene Australia. Ecology, 2014, 95, 693-702.	1.5	46
117	Modeling Tag Loss in New Zealand Fur Seal Pups. Journal of Agricultural, Biological, and Environmental Statistics, 2000, 5, 475.	0.7	45
118	Behavioral Inference of Diving Metabolic Rate in Freeâ€Ranging Leatherback Turtles. Physiological and Biochemical Zoology, 2007, 80, 209-219.	0.6	45
119	Allometric scaling of lung volume and its consequences for marine turtle diving performance. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, 360-367.	0.8	45
120	Ecological and economic benefits to cattle rangelands of restoring an apex predator. Journal of Applied Ecology, 2015, 52, 455-466.	1.9	45
121	Taxonomic status of the Australian dingo: the case for Canis dingo Meyer, 1793. Zootaxa, 2019, 4564, zootaxa.4564.1.6.	0.2	45
122	Mass Cetacean Strandings-a Plea for Empiricism. Conservation Biology, 2006, 20, 584-586.	2.4	44
123	Rapid megafaunal extinction following human arrival throughout the New World. Quaternary International, 2013, 308-309, 273-277.	0.7	44
124	Assessing Hot-Iron and Cryo-Branding for Permanently Marking Southern Elephant Seals. Journal of Wildlife Management, 2006, 70, 1484-1489.	0.7	43
125	Complex interplay between intrinsic and extrinsic drivers of long-term survival trends in southern elephant seals. BMC Ecology, 2007, 7, 3.	3.0	43
126	Forest Fragment and Breeding Habitat Characteristics Explain Frog Diversity and Abundance in Singapore. Biotropica, 2010, 42, 119-125.	0.8	43

#	Article	IF	Citations
127	No need for disease: testing extinction hypotheses for the thylacine using multiâ€species metamodels. Journal of Animal Ecology, 2013, 82, 355-364.	1.3	43
128	Humans and seasonal climate variability threaten large-bodied coral reef fish with small ranges. Nature Communications, 2016, 7, 10491.	5.8	43
129	Reef shark movements relative to a coastal marine protected area. Regional Studies in Marine Science, 2016, 3, 58-66.	0.4	43
130	Decoding fingerprints: elemental composition of vertebrae correlates to age-related habitat use in two morphologically similar sharks. Marine Ecology - Progress Series, 2011, 434, 133-142.	0.9	43
131	Differential Mobilization of Blubber Fatty Acids in Lactating Weddell Seals: Evidence for Selective Use. Physiological and Biochemical Zoology, 2008, 81, 651-662.	0.6	42
132	Clustering of colonies in an expanding population of New Zealand fur seals (Arctocephalus forsteri). Journal of Zoology, 2000, 250, 105-112.	0.8	41
133	What caused extinction of the Pleistocene megafauna of Sahul?. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152399.	1.2	41
134	Consequences of recreational hunting for biodiversity conservation and livelihoods. One Earth, 2021, 4, 238-253.	3.6	41
135	Diet of juvenile southern elephant seals reappraised by stable isotopes in whiskers. Marine Ecology - Progress Series, 2011, 424, 247-258.	0.9	41
136	The optimal spatial scale for the analysis of elephant seal foraging as determined by geo-location in relation to sea surface temperatures. ICES Journal of Marine Science, 2002, 59, 770-781.	1.2	40
137	Evaluating options for sustainable energy mixes in South Korea using scenario analysis. Energy, 2013, 52, 237-244.	4.5	40
138	Lower reproductive success in hybrid fur seal males indicates fitness costs to hybridization. Molecular Ecology, 2007, 16, 3187-3197.	2.0	39
139	Continentalâ€Scale Governance and the Hastening of Loss of Australia's Biodiversity. Conservation Biology, 2013, 27, 1133-1135.	2.4	39
140	Shifting trends: detecting environmentally mediated regulation in long-lived marine vertebrates using time-series data. Oecologia, 2009, 159, 69-82.	0.9	38
141	Predictors of contraction and expansion of area of occupancy for British birds. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140744.	1.2	38
142	Convergence of Culture, Ecology, and Ethics: Management of Feral Swamp Buffalo in Northern Australia. Journal of Agricultural and Environmental Ethics, 2009, 22, 361-378.	0.9	37
143	50/500 rule and minimum viable populations: response to Jamieson and Allendorf. Trends in Ecology and Evolution, 2013, 28, 187-188.	4.2	37
144	Uncertainties in dating constrain model choice for inferring extinction time from fossil records. Quaternary Science Reviews, 2015, 112, 128-137.	1.4	37

#	Article	IF	Citations
145	iREDD hedges against avoided deforestation's unholy trinity of leakage, permanence and additionality. Conservation Letters, 2012, 5, 266-273.	2.8	36
146	Harem choice and breeding experience of female southern elephant seals influence offspring survival. Behavioral Ecology and Sociobiology, 2004, 55, 349-362.	0.6	35
147	Disease and the devil: density-dependent epidemiological processes explain historical population fluctuations in the Tasmanian devil. Ecography, 2005, 28, 181-190.	2.1	35
148	A validated approach for supervised dive classification in diving vertebrates. Journal of Experimental Marine Biology and Ecology, 2008, 363, 75-83.	0.7	35
149	National emphasis on high-level protection reduces risk of biodiversity decline in tropical forest reserves. Biological Conservation, 2015, 190, 115-122.	1.9	35
150	Importance of endogenous feedback controlling the longâ€term abundance of tropical mosquito species. Population Ecology, 2008, 50, 293-305.	0.7	34
151	Ecology Needs a Convention of Nomenclature. BioScience, 2014, 64, 311-321.	2.2	34
152	High-quality fossil dates support a synchronous, Late Holocene extinction of devils and thylacines in mainland Australia. Biology Letters, 2018, 14, 20170642.	1.0	34
153	Minimum founding populations for the first peopling of Sahul. Nature Ecology and Evolution, 2019, 3, 1057-1063.	3.4	34
154	Folklore and chimerical numbers: Review of a millennium of interaction between fur seals and humans in the New Zealand region. New Zealand Journal of Marine and Freshwater Research, 2001, 35, 477-497.	0.8	33
155	Conservation Value of Non-Native Banteng in Northern Australia. Conservation Biology, 2006, 20, 1306-1311.	2.4	33
156	Wash and Spin Cycle Threats to Tropical Biodiversity. Biotropica, 2010, 42, 67-71.	0.8	33
157	Climate-human interaction associated with southeast Australian megafaunaÂextinction patterns. Nature Communications, 2019, 10, 5311.	5.8	33
158	Nuclear power can reduce emissions and maintain a strong economy: Rating Australiaâ€™s optimal future electricity-generation mix by technologies and policies. Applied Energy, 2014, 136, 712-725.	5.1	32
159	Stochastic models support rapid peopling of Late Pleistocene Sahul. Nature Communications, 2021, 12, 2440.	5.8	32
160	ESTIMATING SURVIVAL AND CAPTURE PROBABILITY OF FUR SEAL PUPS USING MULTISTATE MARKâ€“RECAPTURE MODELS. Journal of Mammalogy, 2003, 84, 65-80.	0.6	31
161	Population biology and vulnerability to fishing of deep-water Eteline snappers. Journal of Applied Ichthyology, 2013, 29, 395-403.	0.3	31
162	Criteria for assessing the quality of Middle Pleistocene to Holocene vertebrate fossil ages. Quaternary Geochronology, 2015, 30, 69-79.	0.6	31

#	Article	IF	Citations
163	Using artificial neural networks to model the suitability of coastline for breeding by New Zealand fur seals (Arctocephalus forsteri). Ecological Modelling, 2002, 148, 111-131.	1.2	30
164	Minimum viable population size: not magic, but necessary. Trends in Ecology and Evolution, 2011, 26, 619-620.	4.2	30
165	100 articles every ecologist should read. Nature Ecology and Evolution, 2018, 2, 395-401.	3.4	30
166	Highly localized replenishment of coral reef fish populations near nursery habitats. Marine Ecology - Progress Series, 2017, 568, 137-150.	0.9	30
167	Effectiveness of five personal shark-bite deterrents for surfers. PeerJ, 2018, 6, e5554.	0.9	30
168	Applying the Heat to Research Techniques for Species Conservation. Conservation Biology, 2007, 21, 271-273.	2.4	29
169	The SAFE index: using a threshold population target to measure relative species threat. Frontiers in Ecology and the Environment, 2011, 9, 521-525.	1.9	29
170	N-dimensional animal energetic niches clarify behavioural options in a variable marine environment. Journal of Experimental Biology, 2011, 214, 646-656.	0.8	29
171	Reintroduction success of threatened Australian trout cod (Maccullochella macquariensis) based on growth and reproduction. Marine and Freshwater Research, 2012, 63, 598.	0.7	29
172	Future extinction risk of wetland plants is higher from individual patch loss than total area reduction. Biological Conservation, 2017, 209, 27-33.	1.9	29
173	Landscape rules predict optimal superhighways for the first peopling of Sahul. Nature Human Behaviour, 2021, 5, 1303-1313.	6.2	29
174	Remote sensing of Southern Ocean sea surface temperature: implications for marine biophysical models. Remote Sensing of Environment, 2003, 84, 161-173.	4.6	28
175	Flexible inter-nesting behaviour of generalist olive ridley turtles in Australia. Journal of Experimental Marine Biology and Ecology, 2008, 359, 47-54.	0.7	28
176	Spatially explicit spreadsheet modelling for optimising the efficiency of reducing invasive animal density. Methods in Ecology and Evolution, 2010, 1, 53-68.	2.2	28
177	Dietary generalism accelerates arrival and persistence of coralâ€reef fishes in their novel ranges under climate change. Global Change Biology, 2020, 26, 5564-5573.	4.2	28
178	Pup density related to terrestrial habitat use by New Zealand fur seals. Canadian Journal of Zoology, 1999, 77, 1579-1586.	0.4	27
179	Expectations for population growth at new breeding locations for the vulnerable New Zealand sea lion (Phocarctos hookeri) using a simulation model. Biological Conservation, 2003, 114, 67-78.	1.9	27
180	Chemical immobilization of adult female Weddell seals with tiletamine and zolazepam: effects of age, condition and stage of lactation. BMC Veterinary Research, 2006, 2, 8.	0.7	27

#	Article	IF	Citations
181	Low genetic diversity in the bottlenecked population of endangered non-native banteng in northern Australia. Molecular Ecology, 2007, 16, 2998-3008.	2.0	27
182	Similar life history traits in bull (Carcharhinus leucas) and pig-eye (C. amboinensis) sharks. Marine and Freshwater Research, 2011, 62, 850.	0.7	27
183	Seasonal use of oceanographic and fisheries management zones by juvenile southern elephant seals () Tj ETQq1 1 0.784314 rgBT /Ov	0.5	26
184	Differential resource allocation strategies in juvenile elephant seals in the highly seasonal Southern Ocean. Marine Ecology - Progress Series, 2007, 331, 281-290.	0.9	26
185	Temporal variation in the vertical stratification of blubber fatty acids alters diet predictions for lactating Weddell seals. Journal of Experimental Marine Biology and Ecology, 2007, 352, 103-113.	0.7	25
186	Wetland conservation and sustainable use under global change: a tropical Australian case study using magpie geese. Ecography, 2010, 33, 818-825.	2.1	25
187	Longâ€term breeding phenology shift in royal penguins. Ecology and Evolution, 2012, 2, 1563-1571.	0.8	25
188	Nautilus at Risk â€“ Estimating Population Size and Demography of Nautilus pompilius. PLoS ONE, 2011, 6, e16716.	1.1	25
189	Branding can be justified in vital conservation research. Nature, 2006, 439, 392-392.	13.7	24
190	Statistical Language Backs Conservatism in Climate-Change Assessments. BioScience, 2019, 69, 209-219.	2.2	24
191	Increased population size of fish in a lowland river following restoration of structural habitat. Ecological Applications, 2019, 29, e01882.	1.8	24
192	Comparative population genomics confirms little population structure in two commercially targeted carcharhinid sharks. Marine Biology, 2019, 166, 1.	0.7	24
193	Predicting the Timing and Magnitude of Tropical Mosquito Population Peaks for Maximizing Control Efficiency. PLoS Neglected Tropical Diseases, 2009, 3, e385.	1.3	24
194	Juvenile Southern Elephant Seals Exhibit Seasonal Differences in Energetic Requirements and Use of Lipids and Protein Stores. Physiological and Biochemical Zoology, 2005, 78, 491-504.	0.6	23
195	Multi-scale marine biodiversity patterns inferred efficiently from habitat image processing. , 2012, 22, 792-803.		23
196	Strength of density feedback in census data increases from slow to fast life histories. Ecology and Evolution, 2012, 2, 1922-1934.	0.8	23
197	Novel coupling of individualâ€based epidemiological and demographic models predicts realistic dynamics of tuberculosis in alien buffalo. Journal of Applied Ecology, 2012, 49, 268-277.	1.9	23
198	Ecologically realistic estimates of maximum population growth using informed <scp>B</scp>ayesian priors. Methods in Ecology and Evolution, 2013, 4, 34-44.	2.2	23

#	Article	IF	Citations
199	Temporal changes in the quality of hot-iron brands on elephant seal (Mirounga leonina L.) pups. Wildlife Research, 2004, 31, 619.	0.7	23
200	The winter migration of Adelie penguins breeding in the Ross Sea sector of Antarctica. Polar Biology, 2001, 24, 593-597.	0.5	22
201	Conversion of Indonesia's peatlands. Frontiers in Ecology and the Environment, 2009, 7, 238-238.	1.9	22
202	Manipulating water for amphibian conservation. Conservation Biology, 2021, 35, 24-34.	2.4	22
203	INCORPORATING KNOWN SOURCES OF UNCERTAINTY TO DETERMINE PRECAUTIONARY HARVESTS OF SALTWATER CROCODILES. , 2006, 16, 1436-1448.		21
204	Exploitation of distant Antarctic waters and close neritic waters by shortâ€tailed shearwaters breeding in South Australia. Austral Ecology, 2011, 36, 461-475.	0.7	21
205	Summer foraging behaviour of a generalist predator, the New Zealand fur seal (Arctocephalus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.7	20
206	The â€œcapacity to reasonâ€•in conservation biology and policy: the southern elephant seal branding controversy. Journal for Nature Conservation, 2004, 12, 25-39.	0.8	20
207	Ecological connectivity or Barrier Fence? Critical choices on the agricultural margins of Western Australia. Ecological Management and Restoration, 2014, 15, 180-190.	0.7	20
208	Tipping elements and amplified polar warming during the Last Interglacial. Quaternary Science Reviews, 2020, 233, 106222.	1.4	20
209	Decoupling of component and ensemble density feedbacks in birds and mammals. Ecology, 2012, 93, 1728-1740.	1.5	19
210	Lack of chronological support for stepwise prehuman extinctions of Australian megafauna. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3368.	3.3	19
211	FosSahul 2.0, an updated database for the Late Quaternary fossil records of Sahul. Scientific Data, 2019, 6, 272.	2.4	19
212	Vertebral chemistry demonstrates movement and population structure of bronze whaler. Marine Ecology - Progress Series, 2016, 556, 195-207.	0.9	19
213	Crabeater seal diving behaviour in eastern Antarctica. Marine Ecology - Progress Series, 2007, 337, 265-277.	0.9	19
214	Dangers of Sensationalizing Conservation Biology. Conservation Biology, 2007, 21, 570-571.	2.4	18
215	Quantifying the Drivers of Larval Density Patterns in Two Tropical Mosquito Species to Maximize Control Efficiency. Environmental Entomology, 2009, 38, 1013-1021.	0.7	18
216	Compensatory density feedback of Oncomelania hupensis populations in two different environmental settings in China. Parasites and Vectors, 2011, 4, 133.	1.0	18

#	Article	IF	Citations
217	Turning Pests into Profits: Introduced Buffalo Provide Multiple Benefits to Indigenous People of Northern Australia. Human Ecology, 2011, 39, 155-164.	0.7	18
218	Beyond wind: furthering development of clean energy in South Australia. Transactions of the Royal Society of South Australia, 2015, 139, 57-82.	0.1	18
219	Previous exposure to myxoma virus reduces survival of European rabbits during outbreaks of rabbit haemorrhagic disease. Journal of Applied Ecology, 2018, 55, 2954-2962.	1.9	18
220	Socio-economic predictors of environmental performance among African nations. Scientific Reports, 2019, 9, 9306.	1.6	18
221	Male-biased sex ratios in New Zealand fur seal pups relative to environmental variation. Behavioral Ecology and Sociobiology, 2003, 53, 297-307.	0.6	17
222	Species Distribution Models of Tropical Deep-Sea Snappers. PLoS ONE, 2015, 10, e0127395.	1.1	17
223	Predicting sustainable shark harvests when stock assessments are lacking. ICES Journal of Marine Science, 2018, 75, 1591-1601.	1.2	17
224	A comprehensive database of quality-rated fossil ages for Sahulâ€™s Quaternary vertebrates. Scientific Data, 2016, 3, 160053.	2.4	16
225	Climateâ€driven shifts in the distribution of koalaâ€browse species from the Last Interglacial to the near future. Ecography, 2019, 42, 1587-1599.	2.1	16
226	New Zealand sea lion predation on New Zealand fur seals. New Zealand Journal of Marine and Freshwater Research, 1998, 32, 101-104.	0.8	15
227	Climate Change Enhances the Potential Impact of Infectious Disease and Harvest on Tropical Waterfowl. Biotropica, 2009, 41, 414-423.	0.8	15
228	A tropical perspective on conserving the boreal â€˜lung of the planetâ€™. Biological Conservation, 2012, 151, 50-52.	1.9	15
229	Inter-ocean asynchrony in whale shark occurrence patterns. Journal of Experimental Marine Biology and Ecology, 2014, 450, 21-29.	0.7	15
230	The conservation biologist's toolbox â€“ principles for the design and analysis of conservation studies. , 2010, , 313-340.		15
231	Where to Dig for Fossils: Combining Climate-Envelope, Taphonomy and Discovery Models. PLoS ONE, 2016, 11, e0151090.	1.1	14
232	Managing an Endangered Asian Bovid in an Australian National Park: The Role and Limitations of Ecological-Economic Models in Decision-Making. Environmental Management, 2006, 38, 463-469.	1.2	13
233	Changes in size distributions of commercially exploited sharks over 25 years in northern Australia using a Bayesian approach. Fisheries Research, 2012, 125-126, 262-271.	0.9	13
234	South Korean energy scenarios show how nuclear power can reduce future energy and environmental costs. Energy Policy, 2014, 74, 569-578.	4.2	13

#	Article	IF	Citations
235	Seasonal oscillation in shore attendance and transience of New Zealand fur seals. Canadian Journal of Zoology, 1999, 77, 814-823.	0.4	12
236	ECOLOGICALâ€ECONOMIC MODELS OF SUSTAINABLE HARVEST FOR AN ENDANGERED BUT EXOTIC MEGAHERBIVORE IN NORTHERN AUSTRALIA. Natural Resource Modelling, 2007, 20, 129-156.	0.8	12
237	Obliquityâ€driven expansion of North Atlantic sea ice during the last glacial. Geophysical Research Letters, 2015, 42, 10,382.	1.5	12
238	Flooding Policy Makers with Evidence to Save Forests. Ambio, 2009, 38, 125-126.	2.8	11
239	Relative need for conservation assessments of vascular plant species among ecoregions. Journal of Biogeography, 2011, 38, 55-68.	1.4	11
240	Limited genetic structure among broad-scale regions for two commercially harvested, tropical deep-water snappers in New Caledonia. Fisheries Science, 2014, 80, 13-19.	0.7	11
241	50/500 rules need upward revision to 100/1000 â€“ Response to Franklin et al.. Biological Conservation, 2014, 176, 286.	1.9	11
242	Diversity patterns of seasonal wetland plant communities mainly driven by rare terrestrial species. Biodiversity and Conservation, 2016, 25, 1569-1585.	1.2	11
243	Evidence of sensory-driven behavior in the Ediacaran organism Parvancorina: Implications and autecological interpretations. Gondwana Research, 2018, 55, 21-29.	3.0	11
244	Testing the socioeconomic and environmental determinants of better child-health outcomes in Africa: a cross-sectional study among nations. BMJ Open, 2019, 9, e029968.	0.8	11
245	Chemical immobilisation of wild banteng (Bos javanicus) in northern Australia using detomidine, tiletamine and zolazepam. Australian Veterinary Journal, 2005, 83, 616-617.	0.5	10
246	Swimming in the deep end of the gene pool: global population structure of an oceanic giant. Molecular Ecology, 2007, 16, 5111-5113.	2.0	10
247	Having your water and drinking it too: resource limitation modifies density regulation. Journal of Animal Ecology, 2008, 77, 1-4.	1.3	10
248	Variation in Stem Xylem Traits is Related to Differentiation of Upper Limits of Tree Species along an Elevational Gradient. Forests, 2020, 11, 349.	0.9	10
249	Relative demographic susceptibility does not explain the extinction chronology of Sahulâ€™s megafauna. ELife, 2021, 10, .	2.8	10
250	Fertility partially drives the relative success of two introduced bovines (Bubalus bubalis and Bos) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	0.7	9
251	Spatial Climate Patterns Explain Negligible Variation in Strength of Compensatory Density Feedbacks in Birds and Mammals. PLoS ONE, 2014, 9, e91536.	1.1	9
252	Trophy Hunting Does and Will Support Biodiversity: A Reply to Ripple et al.. Trends in Ecology and Evolution, 2016, 31, 496-498.	4.2	9

#	Article	IF	Citations
253	Informing CITES Parties: Strengthening scienceâ€based decisionâ€making when listing marine species. Fish and Fisheries, 2020, 21, 13-31.	2.7	9
254	Satellite telemetry and seasonal movements of Magpie Geese (Anseranas semipalmata) in tropical northern Australia. Emu, 2010, 110, 160-164.	0.2	8
255	Implications of Australia's Population Policy for Future Greenhouse Gas Emissions Targets. Asia and the Pacific Policy Studies, 2016, 3, 249-265.	0.6	8
256	Predicting potential future reduction in shark bites on people. Royal Society Open Science, 2021, 8, 201197.	1.1	8
257	A fairer way to compare researchers at any career stage and in any discipline using open-access citation data. PLoS ONE, 2021, 16, e0257141.	1.1	8
258	Combining agent-based, trait-based and demographic approaches to model coral-community dynamics. ELife, 2020, 9, .	2.8	8
259	Dismantling the poachernomics of the illegal wildlife trade. Biological Conservation, 2022, 265, 109418.	1.9	8
260	Rapid development of cleaning behaviour by Torresian crows Corvus orru on non-native banteng Bos javanicus in northern Australia. Journal of Avian Biology, 2006, 37, 409-411.	0.6	7
261	Conservation management and sustainable harvest quotas are sensitive to choice of climate modelling approach for two marine gastropods. Diversity and Distributions, 2013, 19, 1299-1312.	1.9	7
262	Gender bias when assessing recommended ecology articles. Rethinking Ecology, 0, 3, 1-12.	0.0	7
263	Guarding against oversimplifying the fundamental drivers of southern elephant seal population dynamics. Journal of Biogeography, 2008, 35, 1738-1740.	1.4	6
264	Inferring the invasion history of coral berry Ardisia crenata from China to the USA using molecular markers. Ecological Research, 2012, 27, 809-818.	0.7	6
265	Misconceptions about analyses of Australian seaweed collections. Phycologia, 2014, 53, 215-220.	0.6	6
266	Natural and anthropogenic climate variability shape assemblages of rangeâ€extending coralâ€reef fishes. Journal of Biogeography, 2021, 48, 1063-1075.	1.4	6
267	Woodland caribou population decline in Alberta: fact or fiction?. Rangifer, 1996, 16, 223.	0.6	6
268	Sahul's megafauna were vulnerable to plantâ€community changes due to their position in the trophic network. Ecography, 2022, 2022, .	2.1	6
269	Unpacking the impoverished nature of secondary forests. Journal of Animal Ecology, 2012, 81, 937-939.	1.3	5
270	Survival of the fittest technology-problems estimating marine turtle mortality. Marine Ecology - Progress Series, 2005, 287, 261-262.	0.9	5

#	Article	IF	Citations
271	Better SAFE than sorry. Frontiers in Ecology and the Environment, 2011, 9, 487-488.	1.9	4
272	Strange bedfellows? Techno-fixes to solve the big conservation issues in southern Asia. Biological Conservation, 2012, 151, 7-10.	1.9	4
273	Experimental comparison of aerial larvicides and habitat modification for controlling diseaseâ€carrying Aedes vigilax mosquitoes. Pest Management Science, 2012, 68, 709-717.	1.7	4
274	Dispersalâ€driven homogenization of wetland vegetation revealed from local contributions to Î²â€diversity. Journal of Vegetation Science, 2017, 28, 893-902.	1.1	4
275	Revised European Union renewable-energy policies erode nature protection. Nature Ecology and Evolution, 2018, 2, 1519-1520.	3.4	4
276	Processes controlling programmed cell death of root velamen radicum in an epiphytic orchid. Annals of Botany, 2020, 126, 261-275.	1.4	4
277	Geographic and temporal variation in the condition of pups of the New Zealand fur seal (Arctocephalus forsteri): evidence for density dependence and differences in the marine environment. Journal of Zoology, 2000, 252, 41-51.	0.8	4
278	Zoonotic Diseases and Our Troubled Relationship With Nature. American Journal of Health Promotion, 2022, 36, 382-385.	0.9	4
279	The Australian Shark-Incident Database for quantifying temporal and spatial patterns of shark-human conflict. Scientific Data, 2022, 9, .	2.4	4
280	Identifying Rising Stars in Biology: A Response to Bruna. BioScience, 2014, 64, 169-170.	2.2	3
281	Fine-scale benthic biodiversity patterns inferred from image processing. Ecological Complexity, 2015, 22, 76-85.	1.4	3
282	Grand Challenges in Global Biodiversity Threats. Frontiers in Conservation Science, 2020, 1, .	0.9	3
283	Opposing life stageâ€specific effects of ocean warming at source and sink populations of rangeâ€shifting coralâ€reef fishes. Journal of Animal Ecology, 2021, 90, 615-627.	1.3	3
284	Response: Commentary: Underestimating the Challenges of Avoiding a Ghastly Future. Frontiers in Conservation Science, 2021, 2, .	0.9	3
285	Twenty Landmark Papers in Biodiversity Conservation. , 2011, , .		2
286	Homage to an Avant-Garde Conservation Leader, Navjot Sodhi. Conservation Biology, 2011, 25, 1056-1058.	2.4	2
287	Genetic structure of introduced swamp buffalo subpopulations in tropical Australia. Austral Ecology, 2013, 38, 46-56.	0.7	2
288	Clarity and Precision of Language Are a Necessary Route in Ecology. BioScience, 2014, 64, 373-374.	2.2	2

#	Article	IF	Citations
289	Reply to Oâ€™Neill et al. and Oâ€™Sullivan: Fertility reduction will help, but only in the long term. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E508-E509.	3.3	2
290	Predicting sustainable shark harvests when stock assessments are lacking. ICES Journal of Marine Science, 2018, 75, 1840-1840.	1.2	2
291	Clustering of colonies in an expanding population of New Zealand fur seals (Arctocephalus forsteri). Journal of Zoology, 2000, 250, 105-112.	0.8	2
292	The future of marine spatial planning. , 2018, , 284-293.		2
293	No place for humans!. Frontiers in Ecology and the Environment, 2011, 9, 190-191.	1.9	1
294	Predicting targets and costs for feralâ€cat reduction on large islands using stochastic population models. Conservation Science and Practice, 2021, 3, e448.	0.9	1
295	Opportunities to improve the future of South Australiaâ€™s terrestrial biodiversity. Rethinking Ecology, 0, 4, 45-77.	0.0	1
296	Principles for scientists working at the river scienceâ€policy interface. River Research and Applications, 2022, 38, 819-831.	0.7	1
297	Tropical Conservation Biology: response to Lugo's tendentious review. Environmental Conservation, 2009, 36, 11.	0.7	0
298	Reply to â€˜Questionable survey methods generate a questionable list of recommended articlesâ€™. Nature Ecology and Evolution, 2018, 2, 1338-1339.	3.4	0
299	Spatially explicit analyses of environmental and health data to determine past, emerging and future threats to child health. Journal of Paediatrics and Child Health, 2021, 57, 1830-1834.	0.4	0