

Clive McMahon

List of Publications by Year in descending order

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Version: 2024-02-01

183
papers

8,025
citations

50276

46
h-index

64796

79
g-index

188
all docs

188
docs citations

188
times ranked

7458
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex, body size, and boldness shape the seasonal foraging habitat selection in southern elephant seals. <i>Ecology and Evolution</i> , 2022, 12, e8457.	1.9	4
2	Elephant seal foraging success is enhanced in Antarctic coastal polynyas. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212452.	2.6	8
3	Movements of southern elephant seals (<i>Mirounga leonina</i>) from Davis Base, Antarctica: combining population genetics and tracking data. <i>Polar Biology</i> , 2022, 45, 1163-1174.	1.2	3
4	Animal-Borne Ocean Sensors: A Decadal Vision Through New Eyes. <i>Marine Technology Society Journal</i> , 2022, 56, 36-38.	0.4	2
5	Quantifying effects of tracking data bias on species distribution models. <i>Methods in Ecology and Evolution</i> , 2021, 12, 170-181.	5.2	14
6	Risk assessment of SARS-CoV-2 in Antarctic wildlife. <i>Science of the Total Environment</i> , 2021, 755, 143352.	8.0	20
7	Inter- and intrasex habitat partitioning in the highly dimorphic southern elephant seal. <i>Ecology and Evolution</i> , 2021, 11, 1620-1633.	1.9	14
8	Disentangling the Influence of Three Major Threats on the Demography of an Albatross Community. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	6
9	Weddell seal behaviour during an exceptional oceanographic event in the Filchner-Ronne Ice Shelf in 2017. <i>Antarctic Science</i> , 2021, 33, 252-264.	0.9	2
10	A standardisation framework for bio-logging data to advance ecological research and conservation. <i>Methods in Ecology and Evolution</i> , 2021, 12, 996-1007.	5.2	39
11	Warm Modified Circumpolar Deep Water Intrusions Drive Ice Shelf Melt and Inhibit Dense Shelf Water Formation in Vincennes Bay, East Antarctica. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016998.	2.6	15
12	Reply to: Caution over the use of ecological big data for conservation. <i>Nature</i> , 2021, 595, E20-E28.	27.8	4
13	Climate influences on female survival in a declining population of southern elephant seals (<i>Mirounga leonina</i>). <i>Ecology and Evolution</i> , 2021, 11, 11333-11344.	1.9	7
14	A prediction and imputation method for marine animal movement data. <i>PeerJ Computer Science</i> , 2021, 7, e656.	4.5	3
15	Comprehensive analytical approaches reveal species-specific search strategies in sympatric apex predatory sharks. <i>Ecography</i> , 2021, 44, 1544-1556.	4.5	2
16	Regional Variation in Winter Foraging Strategies by Weddell Seals in Eastern Antarctica and the Ross Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
17	Animal Borne Ocean Sensors “ AniBOS ” An Essential Component of the Global Ocean Observing System. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	30
18	Seasonal Transformation and Spatial Variability of Water Masses Within Mackenzie Polynya, Prydz Bay. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, .	2.6	5

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19	Antarctic Futures: An Assessment of Climate-Driven Changes in Ecosystem Structure, Function, and Service Provisioning in the Southern Ocean. <i>Annual Review of Marine Science</i> , 2020, 12, 87-120.	11.6	140
20	Modelled mid-trophic pelagic prey fields improve understanding of marine predator foraging behaviour. <i>Ecography</i> , 2020, 43, 1014-1026.	4.5	19
21	Marine Ecosystem Assessment for the Southern Ocean: Birds and Marine Mammals in a Changing Climate. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	63
22	A baseline for POPs contamination in Australian seabirds: little penguins vs. short-tailed shearwaters. <i>Marine Pollution Bulletin</i> , 2020, 159, 111488.	5.0	9
23	Animal Navigation: The Mystery of Open Ocean Orientation. <i>Current Biology</i> , 2020, 30, R1054-R1056.	3.9	3
24	Decadal changes in blood $\delta^{13}C$ values, at-sea distribution, and weaning mass of southern elephant seals from Kerguelen Islands. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201544.	2.6	7
25	A continuous-time state-space model for rapid quality control of argos locations from animal-borne tags. <i>Movement Ecology</i> , 2020, 8, 31.	2.8	66
26	Inferring Variation in Southern Elephant Seal At-Sea Mortality by Modelling Tag Failure. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10
27	Animal welfare science aids conservation. <i>Science</i> , 2020, 370, 180-181.	12.6	2
28	A Novel Framework to Protect Animal Data in a World of Ecosurveillance. <i>BioScience</i> , 2020, 70, 468-476.	4.9	22
29	Introduced species and extreme weather as key drivers of reproductive output in three sympatric albatrosses. <i>Scientific Reports</i> , 2020, 10, 8199.	3.3	12
30	Environmental drivers of oceanic foraging site fidelity in central place foragers. <i>Marine Biology</i> , 2020, 167, 1.	1.5	4
31	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020, 580, 87-92.	27.8	156
32	The retrospective analysis of Antarctic tracking data project. <i>Scientific Data</i> , 2020, 7, 94.	5.3	27
33	Complete tag loss in capture-recapture studies affects abundance estimates: An elephant seal case study. <i>Ecology and Evolution</i> , 2020, 10, 2377-2384.	1.9	8
34	Predators on track for ocean protection around Antarctica. <i>Nature</i> , 2020, 580, 34-35.	27.8	2
35	Climate variability and breeding parameters of a transhemispheric migratory seabird over seven decades. <i>Marine Ecology - Progress Series</i> , 2020, 642, 191-205.	1.9	15
36	Global spatial risk assessment of sharks under the footprint of fisheries. <i>Nature</i> , 2019, 572, 461-466.	27.8	254

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37	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	127
38	Deep Learning Resolves Representative Movement Patterns in a Marine Predator Species. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2935.	2.5	6
39	A quantitative, hierarchical approach for detecting drift dives and tracking buoyancy changes in southern elephant seals. <i>Scientific Reports</i> , 2019, 9, 8936.	3.3	10
40	Best practice recommendations for the use of external telemetry devices on pinnipeds. <i>Animal Biotelemetry</i> , 2019, 7, .	1.9	22
41	The importance of migratory connectivity for global ocean policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191472.	2.6	80
42	Chemical capture of wild swamp buffalo (<i>Bubalus bubalis</i>) in tropical northern Australia using thiafentanil, etorphine and azaperone combinations. <i>Australian Veterinary Journal</i> , 2019, 97, 33-38.	1.1	6
43	The importance of sample size in marine megafauna tagging studies. <i>Ecological Applications</i> , 2019, 29, e01947.	3.8	86
44	Translating Marine Animal Tracking Data into Conservation Policy and Management. <i>Trends in Ecology and Evolution</i> , 2019, 34, 459-473.	8.7	256
45	Finding mesopelagic prey in a changing Southern Ocean. <i>Scientific Reports</i> , 2019, 9, 19013.	3.3	20
46	Age estimation in a long-lived seabird (<i>Ardenna tenuirostris</i>) using DNA methylation-based biomarkers. <i>Molecular Ecology Resources</i> , 2019, 19, 411-425.	4.8	44
47	Movement responses to environment: fast inference of variation among southern elephant seals with a mixed effects model. <i>Ecology</i> , 2019, 100, e02566.	3.2	144
48	Factors influencing the habitat use of sympatric albatrosses from Macquarie Island, Australia. <i>Marine Ecology - Progress Series</i> , 2019, 609, 221-237.	1.9	9
49	Influence of shelf oceanographic variability on alternate foraging strategies in long-nosed fur seals. <i>Marine Ecology - Progress Series</i> , 2019, 615, 189-204.	1.9	9
50	Identifying foraging habitats of adult female long-nosed fur seal <i>Arctocephalus forsteri</i> based on vibrissa stable isotopes. <i>Marine Ecology - Progress Series</i> , 2019, 628, 223-234.	1.9	3
51	Convergence of marine megafauna movement patterns in coastal and open oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3072-3077.	7.1	103
52	Optimizing lifetime reproductive output: Intermittent breeding as a tactic for females in a long-lived, multiparous mammal. <i>Journal of Animal Ecology</i> , 2018, 87, 199-211.	2.8	35
53	Evidence for a widely expanded humpback whale calving range along the Western Australian coast. <i>Marine Mammal Science</i> , 2018, 34, 294-310.	1.8	20
54	View From Below: Inferring Behavior and Physiology of Southern Ocean Marine Predators From Dive Telemetry. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	11

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55	Seasonal Meandering of the Polar Front Upstream of the Kerguelen Plateau. <i>Geophysical Research Letters</i> , 2018, 45, 9774-9781.	4.0	33
56	How Big Data Fast Tracked Human Mobility Research and the Lessons for Animal Movement Ecology. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	44
57	Coastal polynyas: Winter oases for subadult southern elephant seals in East Antarctica. <i>Scientific Reports</i> , 2018, 8, 3183.	3.3	41
58	Modelling southern elephant seals <i>Mirounga leonina</i> using an individual-based model coupled with a dynamic energy budget. <i>PLoS ONE</i> , 2018, 13, e0194950.	2.5	19
59	The Ecology of Human Mobility. <i>Trends in Ecology and Evolution</i> , 2017, 32, 198-210.	8.7	44
60	Variability in sea ice cover and climate elicit sex specific responses in an Antarctic predator. <i>Scientific Reports</i> , 2017, 7, 43236.	3.3	13
61	Decadal changes in habitat characteristics influence population trajectories of southern elephant seals. <i>Global Change Biology</i> , 2017, 23, 5136-5150.	9.5	43
62	Under the sea ice: Exploring the relationship between sea ice and the foraging behaviour of southern elephant seals in East Antarctica. <i>Progress in Oceanography</i> , 2017, 156, 17-40.	3.2	18
63	Quantifying the energy stores of capital breeding humpback whales and income breeding sperm whales using historical whaling records. <i>Royal Society Open Science</i> , 2017, 4, 160290.	2.4	38
64	Predicting occurrence of juvenile shark habitat to improve conservation planning. <i>Conservation Biology</i> , 2017, 31, 635-645.	4.7	19
65	Contrasting behavior between two populations of an ice-obligate predator in East Antarctica. <i>Ecology and Evolution</i> , 2017, 7, 606-618.	1.9	18
66	Big data analyses reveal patterns and drivers of the movements of southern elephant seals. <i>Scientific Reports</i> , 2017, 7, 112.	3.3	33
67	A novel field method to distinguish between cryptic carcharhinid sharks, <i>Australian blacktip shark</i> <i>Carcharhinus tilstoni</i> and common blacktip shark <i>C. limbatus</i> , despite the presence of hybrids. <i>Journal of Fish Biology</i> , 2017, 90, 39-60.	1.6	14
68	Integrating research using animal-borne telemetry with the needs of conservation management. <i>Journal of Applied Ecology</i> , 2017, 54, 423-429.	4.0	106
69	Seal mothers expend more on offspring under favourable conditions and less when resources are limited. <i>Journal of Animal Ecology</i> , 2017, 86, 359-370.	2.8	54
70	Measuring Animal Age with DNA Methylation: From Humans to Wild Animals. <i>Frontiers in Genetics</i> , 2017, 8, 106.	2.3	65
71	It's a girl! A female southern elephant seal born in Western Australia. <i>Australian Journal of Zoology</i> , 2017, 65, 179.	1.0	2
72	DNA methylation levels in candidate genes associated with chronological age in mammals are not conserved in a long-lived seabird. <i>PLoS ONE</i> , 2017, 12, e0189181.	2.5	7

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73	Ocean Observations Using Tagged Animals. <i>Oceanography</i> , 2017, 30, 139-139.	1.0	27
74	Marine Mammals Exploring the Oceans Pole to Pole: A Review of the MEOP Consortium. <i>Oceanography</i> , 2017, 30, 132-138.	1.0	123
75	Five decades on: Use of historical weaning size data reveals that a decrease in maternal foraging success underpins the long-term decline in population of southern elephant seals (Mirounga Tj ETQq1 1 0.7843142gBT /Overclock 10		
76	Effect of climate variability on weaning mass in a declining population of southern elephant seals Mirounga leonina. <i>Marine Ecology - Progress Series</i> , 2017, 568, 249-260.	1.9	7
77	Error and bias in size estimates of whale sharks: implications for understanding demography. <i>Royal Society Open Science</i> , 2016, 3, 150668.	2.4	23
78	Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories. <i>Ecosphere</i> , 2016, 7, e01213.	2.2	126
79	Population differentiation in the context of Holocene climate change for a migratory marine species, the southern elephant seal. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1667-1679.	1.7	19
80	Transferability of predictive models of coral reef fish species richness. <i>Journal of Applied Ecology</i> , 2016, 53, 64-72.	4.0	21
81	Nesting ecology of hawksbill turtles at a rookery of international significance in Australiaâ€™s Northern Territory. <i>Wildlife Research</i> , 2016, 43, 461.	1.4	2
82	High-resolution movements of critically endangered hawksbill turtles help elucidate conservation requirements in northern Australia. <i>Marine and Freshwater Research</i> , 2016, 67, 1263.	1.3	11
83	The suppression of Antarctic bottom water formation by melting ice shelves in Prydz Bay. <i>Nature Communications</i> , 2016, 7, 12577.	12.8	124
84	Key Questions in Marine Megafauna Movement Ecology. <i>Trends in Ecology and Evolution</i> , 2016, 31, 463-475.	8.7	397
85	Reef shark movements relative to a coastal marine protected area. <i>Regional Studies in Marine Science</i> , 2016, 3, 58-66.	0.7	43
86	Assessing the utility of two- and three-dimensional behavioural metrics in habitat usage models. <i>Marine Ecology - Progress Series</i> , 2016, 562, 181-192.	1.9	7
87	Using the Spatial Population Abundance Dynamics Engine for conservation management. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1407-1416.	5.2	9
88	The effects of body size and climate on postâ€weaning survival of elephant seals at <sc>H</sc>eard <sc>I</sc>land. <i>Journal of Zoology</i> , 2015, 297, 301-308.	1.7	12
89	Satellites, the All-Seeing Eyes in the Sky: Counting Elephant Seals from Space. <i>PLoS ONE</i> , 2014, 9, e92613.	2.5	57
90	Seals collect more Southern Ocean data. <i>Nature</i> , 2014, 513, 33-33.	27.8	0

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91	Distribution models for koalas in South Australia using citizen science-collected data. <i>Ecology and Evolution</i> , 2014, 4, 2103-2114.	1.9	52
92	Bottom-up regulation of a pole-ward migratory predator population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132842.	2.6	32
93	Age-specific cost of first reproduction in female southern elephant seals. <i>Biology Letters</i> , 2014, 10, 20140264.	2.3	47
94	Combining bio-logging and fatty acid signature analysis indicates spatio-temporal variation in the diet of the southern elephant seal, <i>Mirounga leonina</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 450, 79-90.	1.5	26
95	A Southern Indian Ocean database of hydrographic profiles obtained with instrumented elephant seals. <i>Scientific Data</i> , 2014, 1, 140028.	5.3	110
96	USING SPATIO - TEMPORAL MODELLING AS A DECISION SUPPORT TOOL FOR MANAGEMENT OF A NATIVE PEST HERBIVORE. <i>Applied Ecology and Environmental Research</i> , 2014, 12, 163-178.	0.5	1
97	Using short-term measures of behaviour to estimate long-term fitness of southern elephant seals. <i>Marine Ecology - Progress Series</i> , 2014, 496, 99-108.	1.9	156
98	Genetic structure of introduced swamp buffalo subpopulations in tropical Australia. <i>Austral Ecology</i> , 2013, 38, 46-56.	1.5	2
99	Tracking sea turtle hatchlings - A pilot study using acoustic telemetry. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 440, 156-163.	1.5	36
100	Animal welfare and conservation, the debate we must have: A response to Draper and Bekoff (2012). <i>Biological Conservation</i> , 2013, 158, 424.	4.1	3
101	Estimating resource acquisition and sea body condition of a marine predator. <i>Journal of Animal Ecology</i> , 2013, 82, 1300-1315.	2.8	42
102	Known unknowns in an imperfect world: incorporating uncertainty in recruitment estimates using multi-event capture-recapture models. <i>Ecology and Evolution</i> , 2013, 3, 4658-4668.	1.9	21
103	The success of GPS collar deployments on mammals in Australia. <i>Australian Mammalogy</i> , 2013, 35, 65.	1.1	66
104	A report of capture myopathy in the Tasmanian pademelon (<i>Thylogale billardierii</i>). <i>Animal Welfare</i> , 2013, 22, 1-4.	0.7	10
105	Estimates of the Southern Ocean general circulation improved by animal-borne instruments. <i>Geophysical Research Letters</i> , 2013, 40, 6176-6180.	4.0	108
106	Impact of a toxic invasive species on freshwater crocodile (<i>Crocodylus johnstoni</i>) populations in upstream escarpments. <i>Wildlife Research</i> , 2013, 40, 312.	1.4	10
107	More analytical bite in estimating targets for shark harvest. <i>Marine Ecology - Progress Series</i> , 2013, 488, 221-232.	1.9	15
108	Australia: a case for Aboriginal rangers. <i>Nature</i> , 2012, 482, 471-471.	27.8	0

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109	The effect of investigator disturbance on egg laying, chick survival and fledging mass of short-tailed shearwaters (<i>Puffinus tenuirostris</i>) and little penguins (<i>Eudyptula minor</i>). <i>Animal Welfare</i> , 2012, 21, 101-111.	0.7	12
110	Publish or perish: why it's important to publicise how, and if, research activities affect animals. <i>Wildlife Research</i> , 2012, 39, 375.	1.4	35
111	The implications of assuming independent tag loss in southern elephant seals. <i>Ecosphere</i> , 2012, 3, 1-11.	2.2	15
112	Changes in size distributions of commercially exploited sharks over 25 years in northern Australia using a Bayesian approach. <i>Fisheries Research</i> , 2012, 125-126, 262-271.	1.7	13
113	Animal welfare and decision making in wildlife research. <i>Biological Conservation</i> , 2012, 153, 254-256.	4.1	39
114	Long-term breeding phenology shift in royal penguins. <i>Ecology and Evolution</i> , 2012, 2, 1563-1571.	1.9	25
115	Trophic ecology of reef sharks determined using stable isotopes and telemetry. <i>Coral Reefs</i> , 2012, 31, 357-367.	2.2	65
116	Novel coupling of individual-based epidemiological and demographic models predicts realistic dynamics of tuberculosis in alien buffalo. <i>Journal of Applied Ecology</i> , 2012, 49, 268-277.	4.0	23
117	Refining instrument attachment on phocid seals. <i>Marine Mammal Science</i> , 2012, 28, E325.	1.8	42
118	Enhancing the Use of Argos Satellite Data for Home Range and Long Distance Migration Studies of Marine Animals. <i>PLoS ONE</i> , 2012, 7, e40713.	2.5	62
119	Heat-seeking sharks: support for behavioural thermoregulation in reef sharks. <i>Marine Ecology - Progress Series</i> , 2012, 463, 231-244.	1.9	68
120	The 10 Australian ecosystems most vulnerable to tipping points. <i>Biological Conservation</i> , 2011, 144, 1472-1480.	4.1	158
121	A Two-Phase Model for Smoothly Joining Disparate Growth Phases in the Macropodid <i>Thylogale billardierii</i> . <i>PLoS ONE</i> , 2011, 6, e24934.	2.5	7
122	Fertility partially drives the relative success of two introduced bovines (<i>Bubalus bubalis</i> and <i>Bos</i>). <i>Journal of Applied Ecology</i> , 2011, 48, 1075-1083.	1.4	10
123	Turning Pests into Profits: Introduced Buffalo Provide Multiple Benefits to Indigenous People of Northern Australia. <i>Human Ecology</i> , 2011, 39, 155-164.	1.4	18
124	N-dimensional animal energetic niches clarify behavioural options in a variable marine environment. <i>Journal of Experimental Biology</i> , 2011, 214, 646-656.	1.7	29
125	Diet of juvenile southern elephant seals reappraised by stable isotopes in whiskers. <i>Marine Ecology - Progress Series</i> , 2011, 424, 247-258.	1.9	41
126	Spatial and temporal movement patterns of a multi-species coastal reef shark aggregation. <i>Marine Ecology - Progress Series</i> , 2011, 429, 261-275.	1.9	101

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127	Shifts in macropod home ranges in response to wildlife management interventions. <i>Wildlife Research</i> , 2010, 37, 379.	1.4	24
128	Bamboo, fire and flood: consequences of disturbance for the vegetative growth of a clumping, clonal plant. <i>Plant Ecology</i> , 2010, 208, 319-332.	1.6	17
129	Using carbon isotope analysis of the diet of two introduced Australian megaherbivores to understand Pleistocene megafaunal extinctions. <i>Journal of Biogeography</i> , 2010, 37, 499-505.	3.0	22
130	Contemporary habitat loss reduces genetic diversity in an ecologically specialized butterfly. <i>Journal of Biogeography</i> , 2010, 37, 1277-1287.	3.0	14
131	Health of Antarctic wildlife: a challenge for science and policy. <i>Polar Research</i> , 2010, 29, 463-466.	1.6	0
132	Crikey! Overstating the Conservation Influence of the Crocodile Hunter. <i>Science Communication</i> , 2010, 32, 412-417.	3.3	8
133	Spatially explicit spreadsheet modelling for optimising the efficiency of reducing invasive animal density. <i>Methods in Ecology and Evolution</i> , 2010, 1, 53-68.	5.2	28
134	Review of <i>Health of Antarctic wildlife: a challenge for science and policy</i> , edited by Kerry R. Knowles & Martin J. Riddle (2009).. <i>Polar Research</i> , 2010, 29, 463-466.	1.6	0
135	Tag loss probabilities are not independent: Assessing and quantifying the assumption of independent tag transition probabilities from direct observations. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 372, 36-42.	1.5	24
136	Shifting trends: detecting environmentally mediated regulation in long-lived marine vertebrates using time-series data. <i>Oecologia</i> , 2009, 159, 69-82.	2.0	38
137	Convergence of Culture, Ecology, and Ethics: Management of Feral Swamp Buffalo in Northern Australia. <i>Journal of Agricultural and Environmental Ethics</i> , 2009, 22, 361-378.	1.7	37
138	Tipping back the balance: recolonization of the Macquarie Island isthmus by king penguins (<i>Aptenodytes patagonicus</i>) following extermination for human gain. <i>Antarctic Science</i> , 2009, 21, 237-241.	0.9	9
139	To catch a buffalo: field immobilisation of Asian swamp buffalo using etorphine and xylazine. <i>Australian Veterinary Journal</i> , 2008, 86, 235-241.	1.1	18
140	Guarding against oversimplifying the fundamental drivers of southern elephant seal population dynamics. <i>Journal of Biogeography</i> , 2008, 35, 1738-1740.	3.0	6
141	Flexible inter-nesting behaviour of generalist olive ridley turtles in Australia. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 359, 47-54.	1.5	28
142	Tracking and data logging devices attached to elephant seals do not affect individual mass gain or survival. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 360, 71-77.	1.5	70
143	Ocean surface warming: The North Atlantic remains within the envelope of previous recorded conditions. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 155-162.	1.4	18
144	Southern Ocean frontal structure and sea-ice formation rates revealed by elephant seals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11634-11639.	7.1	152

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145	Behavioral Inference of Diving Metabolic Rate in Free-Ranging Leatherback Turtles. <i>Physiological and Biochemical Zoology</i> , 2007, 80, 209-219.	1.5	45
146	Southern elephant seals from Kerguelen Islands confronted by Antarctic Sea ice. Changes in movements and in diving behaviour. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 343-355.	1.4	96
147	All at sea with animal tracks; methodological and analytical solutions for the resolution of movement. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 193-210.	1.4	131
148	Complex interplay between intrinsic and extrinsic drivers of long-term survival trends in southern elephant seals. <i>BMC Ecology</i> , 2007, 7, 3.	3.0	43
149	Branding the seal branders: what does the research say about seal branding?. <i>Australian Veterinary Journal</i> , 2007, 85, 482-484.	1.1	2
150	Applying the Heat to Research Techniques for Species Conservation. <i>Conservation Biology</i> , 2007, 21, 271-273.	4.7	29
151	Dangers of Sensationalizing Conservation Biology. <i>Conservation Biology</i> , 2007, 21, 570-571.	4.7	18
152	Allometric scaling of lung volume and its consequences for marine turtle diving performance. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, 360-367.	1.8	45
153	Satellite tracking reveals unusual diving characteristics for a marine reptile, the olive ridley turtle <i>Lepidochelys olivacea</i> . <i>Marine Ecology - Progress Series</i> , 2007, 329, 239-252.	1.9	66
154	Measuring devices on wild animals: what constitutes acceptable practice?. <i>Frontiers in Ecology and the Environment</i> , 2006, 4, 147-154.	4.0	274
155	Thermal niche, large-scale movements and implications of climate change for a critically endangered marine vertebrate. <i>Global Change Biology</i> , 2006, 12, 1330-1338.	9.5	168
156	Branding can be justified in vital conservation research. <i>Nature</i> , 2006, 439, 392-392.	27.8	24
157	Assessing Hot-Iron and Cryo-Branding for Permanently Marking Southern Elephant Seals. <i>Journal of Wildlife Management</i> , 2006, 70, 1484-1489.	1.8	43
158	Animal-borne sensors successfully capture the real-time thermal properties of ocean basins. <i>Limnology and Oceanography: Methods</i> , 2005, 3, 392-398.	2.0	46
159	Population status, trends and a re-examination of the hypotheses explaining the recent declines of the southern elephant seal <i>Mirounga leonina</i> . <i>Mammal Review</i> , 2005, 35, 82-100.	4.8	125
160	ESTIMATING BODY MASS AND CONDITION OF LEOPARD SEALS BY ALLOMETRICS. <i>Journal of Wildlife Management</i> , 2005, 69, 1015-1023.	1.8	20
161	Handling Intensity and the Short- and Long-term Survival of Elephant Seals: Addressing and Quantifying Research Effects on Wild Animals. <i>Ambio</i> , 2005, 34, 426-429.	5.5	25
162	Climate change and seal survival: evidence for environmentally mediated changes in elephant seal, <i>Mirounga leonina</i> , pup survival. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 923-928.	2.6	106

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163	Handling Intensity and the Short- and Long-term Survival of Elephant Seals: Addressing and Quantifying Research Effects on Wild Animals. <i>Ambio</i> , 2005, 34, 426.	5.5	7
164	Comparison of southern elephant seal populations, and observations of a population on a demographic knife-edge. <i>Marine Ecology - Progress Series</i> , 2005, 288, 273-283.	1.9	65
165	Harem choice and breeding experience of female southern elephant seals influence offspring survival. <i>Behavioral Ecology and Sociobiology</i> , 2004, 55, 349-362.	1.4	35
166	Temporal changes in the quality of hot-iron brands on elephant seal (<i>Mirounga leonina</i> L.) pups. <i>Wildlife Research</i> , 2004, 31, 619.	1.4	23
167	A demographic comparison of two southern elephant seal populations. <i>Journal of Animal Ecology</i> , 2003, 72, 61-74.	2.8	114
168	Twinning in southern elephant seals: the implications of resource allocation by mothers. <i>Wildlife Research</i> , 2003, 30, 35.	1.4	24
169	Winter distribution and abundance of crabeater seals off George V Land, East Antarctica. <i>Antarctic Science</i> , 2002, 14, 128-133.	0.9	15
170	Effects of age, size and condition of elephant seals (<i>Mirounga leonina</i>) on their intravenous anaesthesia with tiletamine and zolazepam. <i>Veterinary Record</i> , 2002, 151, 235-240.	0.3	80
171	Migrations and foraging of juvenile southern elephant seals from Macquarie Island within CCAMLR managed areas. <i>Antarctic Science</i> , 2002, 14, 134-145.	0.9	36
172	Do southern elephant seals show density dependence in fecundity?. <i>Polar Biology</i> , 2002, 25, 650-655.	1.2	18
173	Arbovirus of Marine Mammals: a New Alphavirus Isolated from the Elephant Seal Louse, <i>Lepidophthirus macrorhini</i> . <i>Journal of Virology</i> , 2001, 75, 4103-4109.	3.4	109
174	Weaning mass and the future survival of juvenile southern elephant seals, <i>Mirounga leonina</i> , at Macquarie Island. <i>Antarctic Science</i> , 2000, 12, 149-153.	0.9	166
175	Metabolic Limits on Dive Duration and Swimming Speed in the Southern Elephant Seal <i>Mirounga leonina</i> . <i>Physiological and Biochemical Zoology</i> , 2000, 73, 790-798.	1.5	38
176	LONG DISTANCE MOVEMENT OF A SOUTHERN ELEPHANT SEAL (<i>MIROUNGA LEONINA</i>) FROM MACQUARIE ISLAND TO PETER 1 OY. <i>Marine Mammal Science</i> , 2000, 16, 504-507.	1.8	43
177	Field immobilisation of southern elephant seals with intravenous tiletamine and zolazepam. <i>Veterinary Record</i> , 2000, 146, 251-254.	0.3	103
178	Hook and nose: an interaction between a male southern elephant seal and a long-line fishery. <i>Polar Record</i> , 2000, 36, 250-252.	0.8	4
179	Southern elephant seals breeding at Peterson Island, Antarctica. <i>Polar Record</i> , 2000, 36, 51-51.	0.8	6
180	First-year survival of southern elephant seals, <i>Mirounga leonina</i> , at sub-Antarctic Macquarie Island. <i>Polar Biology</i> , 1999, 21, 279-284.	1.2	44

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181	The diet of itinerant male Hooker's sea lions, <i>Phocarctos hookeri</i> , at sub-Antarctic Macquarie Island. <i>Wildlife Research</i> , 1999, 26, 839.	1.4	47
182	Environmental and physiological determinants of successful foraging by naive southern elephant seal pups during their first trip to sea. <i>Canadian Journal of Zoology</i> , 1999, 77, 1807-1821.	1.0	75
183	Environmental and physiological determinants of successful foraging by naive southern elephant seal pups during their first trip to sea. <i>Canadian Journal of Zoology</i> , 1999, 77, 1807-1821.	1.0	24