Clive McMahon

List of Publications by Year
in descending order

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	Key Questions in Marine Megafauna Movement Ecology. Trends in Ecology and Evolution, 2016, 31, 463-475.	8.7	397
2	Measuring devices on wild animals: what constitutes acceptable practice?. Frontiers in Ecology and the Environment, 2006, 4, 147-154.	4.0	274
3	Translating Marine Animal Tracking Data into Conservation Policy and Management. Trends in Ecology and Evolution, 2019, 34, 459-473.	8.7	256
4	Global spatial risk assessment of sharks under the footprint of fisheries. Nature, 2019, 572, 461-466.	27.8	254
5	Thermal niche, large-scale movements and implications of climate change for a critically endangered marine vertebrate. Global Change Biology, 2006, 12, 1330-1338.	9.5	168
6	Weaning mass and the future survival of juvenile southern elephant seals, *Mirounga leonina*, at Macquarie Island. Antarctic Science, 2000, 12, 149-153.	0.9	166
7	The 10 Australian ecosystems most vulnerable to tipping points. Biological Conservation, 2011, 144, 1472-1480.	4.1	158
8	Tracking of marine predators to protect Southern Ocean ecosystems. Nature, 2020, 580, 87-92.	27.8	156
9	Using short-term measures of behaviour to estimate long-term fitness of southern elephant seals. Marine Ecology - Progress Series, 2014, 496, 99-108.	1.9	156
10	Southern Ocean frontal structure and sea-ice formation rates revealed by elephant seals. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11634-11639.	7.1	152
11	Movement responses to environment: fast inference of variation among southern elephant seals with a mixed effects model. Ecology, 2019, 100, e02566.	3.2	144
12	Antarctic Futures: An Assessment of Climate-Driven Changes in Ecosystem Structure, Function, and Service Provisioning in the Southern Ocean. Annual Review of Marine Science, 2020, 12, 87-120.	11.6	140
13	All at sea with animal tracks; methodological and analytical solutions for the resolution of movement. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 193-210.	1.4	131
14	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. Frontiers in Marine Science, 2019, 6, .	2.5	127
15	Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories. Ecosphere, 2016, 7, e01213.	2.2	126
16	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.	4.8	125
17	The suppression of Antarctic bottom water formation by melting ice shelves in Prydz Bay. Nature Communications, 2016, 7, 12577.	12.8	124
18	Marine Mammals Exploring the Oceans Pole to Pole: A Review of the MEOP Consortium. Oceanography, 2017, 30, 132-138.	1.0	123

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19	A demographic comparison of two southern elephant seal populations. Journal of Animal Ecology, 2003, 72, 61-74.	2.8	114
20	A Southern Indian Ocean database of hydrographic profiles obtained with instrumented elephant seals. Scientific Data, 2014, 1, 140028.	5.3	110
21	Arbovirus of Marine Mammals: a New Alphavirus Isolated from the Elephant Seal Louse, Lepidophthirus macrorhini. Journal of Virology, 2001, 75, 4103-4109.	3.4	109
22	Estimates of the Southern Ocean general circulation improved by animal€borne instruments. Geophysical Research Letters, 2013, 40, 6176-6180.	4.0	108
23	Climate change and seal survival: evidence for environmentally mediated changes in elephant seal, Mirounga leonina , pup survival. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 923-928.	2.6	106
24	Integrating research using animal€borne telemetry with the needs of conservation management. Journal of Applied Ecology, 2017, 54, 423-429.	4.0	106
25	Field immobilisation of southern elephant seals with intravenous tiletamine and zolazepam. Veterinary Record, 2000, 146, 251-254.	0.3	103
26	Convergence of marine megafauna movement patterns in coastal and open oceans. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3072-3077.	7.1	103
27	Spatial and temporal movement patterns of a multi-species coastal reef shark aggregation. Marine Ecology - Progress Series, 2011, 429, 261-275.	1.9	101
28	Southern elephant seals from Kerguelen Islands confronted by Antarctic Sea ice. Changes in movements and in diving behaviour. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 343-355.	1.4	96
29	The importance of sample size in marine megafauna tagging studies. Ecological Applications, 2019, 29, e01947.	3.8	86
30	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.	0.3	80
31	The importance of migratory connectivity for global ocean policy. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191472.	2.6	80
32	Environmental and physiological determinants of successful foraging by naive southern elephant seal pups during their first trip to sea. Canadian Journal of Zoology, 1999, 77, 1807-1821.	1.0	75
33	Tracking and data€"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.	1.5	70
34	Heat-seeking sharks: support for behavioural thermoregulation in reef sharks. Marine Ecology - Progress Series, 2012, 463, 231-244.	1.9	68
35	The success of GPS collar deployments on mammals in Australia. Australian Mammalogy, 2013, 35, 65.	1.1	66
36	A continuous-time state-space model for rapid quality control of argos locations from animal-borne tags. Movement Ecology, 2020, 8, 31.	2.8	66

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37	Satellite tracking reveals unusual diving characteristics for a marine reptile, the olive ridley turtle Lepidochelys olivacea. Marine Ecology - Progress Series, 2007, 329, 239-252.	1.9	66
38	Trophic ecology of reef sharks determined using stable isotopes and telemetry. Coral Reefs, 2012, 31, 357-367.	2.2	65
39	Measuring Animal Age with DNA Methylation: From Humans to Wild Animals. Frontiers in Genetics, 2017, 8, 106.	2.3	65
40	Comparison of southern elephant seal populations, and observations of a population on a demographic knife-edge. Marine Ecology - Progress Series, 2005, 288, 273-283.	1.9	65
41	Marine Ecosystem Assessment for the Southern Ocean: Birds and Marine Mammals in a Changing Climate. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	63
42	Enhancing the Use of Argos Satellite Data for Home Range and Long Distance Migration Studies of Marine Animals. PLoS ONE, 2012, 7, e40713.	2.5	62
43	Satellites, the All-Seeing Eyes in the Sky: Counting Elephant Seals from Space. PLoS ONE, 2014, 9, e92613.	2.5	57
44	Seal mothers expend more on offspring under favourable conditions and less when resources are limited. Journal of Animal Ecology, 2017, 86, 359-370.	2.8	54
45	Distribution models for koalas in <scp>S</scp>outh <scp>A</scp>ustralia using citizen science€collected data. Ecology and Evolution, 2014, 4, 2103-2114.	1.9	52
46	The diet of itinerant male Hooker's sea lions, Phocarctos hookeri, at sub-Antarctic Macquarie Island. Wildlife Research, 1999, 26, 839.	1.4	47
47	Age-specific cost of first reproduction in female southern elephant seals. Biology Letters, 2014, 10, 20140264.	2.3	47
48	Animal-borne sensors successfully capture the real-time thermal properties of ocean basins. Limnology and Oceanography: Methods, 2005, 3, 392-398.	2.0	46
49	Behavioral Inference of Diving Metabolic Rate in Free€Ranging Leatherback Turtles. Physiological and Biochemical Zoology, 2007, 80, 209-219.	1.5	45
50	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.	1.8	45
51	First-year survival of southern elephant seals, Mirounga leonina , at sub-Antarctic Macquarie Island. Polar Biology, 1999, 21, 279-284.	1.2	44
52	The Ecology of Human Mobility. Trends in Ecology and Evolution, 2017, 32, 198-210.	8.7	44
53	How Big Data Fast Tracked Human Mobility Research and the Lessons for Animal Movement Ecology. Frontiers in Marine Science, 2018, 5, .	2.5	44
54	Age estimation in a long€lived seabird (<i>Ardenna tenuirostris</i>) using DNA methylation€based biomarkers. Molecular Ecology Resources, 2019, 19, 411-425.	4.8	44

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55	LONG DISTANCE MOVEMENT OF A SOUTHERN ELEPHANT SEAL (MIROUNGA LEONINA) FROM MACQUARIE ISLAND TO PETER 1 OY. Marine Mammal Science, 2000, 16, 504-507.	1.8	43
56	Assessing Hot-Iron and Cryo-Branding for Permanently Marking Southern Elephant Seals. Journal of Wildlife Management, 2006, 70, 1484-1489.	1.8	43
57	Complex interplay between intrinsic and extrinsic drivers of long-term survival trends in southern elephant seals. BMC Ecology, 2007, 7, 3.	3.0	43
58	Reef shark movements relative to a coastal marine protected area. Regional Studies in Marine Science, 2016, 3, 58-66.	0.7	43
59	Decadal changes in habitat characteristics influence population trajectories of southern elephant seals. Global Change Biology, 2017, 23, 5136-5150.	9.5	43
60	Refining instrument attachment on phocid seals. Marine Mammal Science, 2012, 28, E325.	1.8	42
61	Estimating resource acquisition and at‐sea body condition of a marine predator. Journal of Animal Ecology, 2013, 82, 1300-1315.	2.8	42
62	Coastal polynyas: Winter oases for subadult southern elephant seals in East Antarctica. Scientific Reports, 2018, 8, 3183.	3.3	41
63	Diet of juvenile southern elephant seals reappraised by stable isotopes in whiskers. Marine Ecology - Progress Series, 2011, 424, 247-258.	1.9	41
64	Animal welfare and decision making in wildlife research. Biological Conservation, 2012, 153, 254-256.	4.1	39
65	A standardisation framework for bio‐logging data to advance ecological research and conservation. Methods in Ecology and Evolution, 2021, 12, 996-1007.	5.2	39
66	Metabolic Limits on Dive Duration and Swimming Speed in the Southern Elephant SealMirounga leonina. Physiological and Biochemical Zoology, 2000, 73, 790-798.	1.5	38
67	Shifting trends: detecting environmentally mediated regulation in long-lived marine vertebrates using time-series data. Oecologia, 2009, 159, 69-82.	2.0	38
68	Quantifying the energy stores of capital breeding humpback whales and income breeding sperm whales using historical whaling records. Royal Society Open Science, 2017, 4, 160290.	2.4	38
69	Convergence of Culture, Ecology, and Ethics: Management of Feral Swamp Buffalo in Northern Australia. Journal of Agricultural and Environmental Ethics, 2009, 22, 361-378.	1.7	37
70	Migrations and foraging of juvenile southern elephant seals from Macquarie Island within CCAMLR managed areas. Antarctic Science, 2002, 14, 134-145.	0.9	36
71	Tracking sea turtle hatchlings â€" A pilot study using acoustic telemetry. Journal of Experimental Marine Biology and Ecology, 2013, 440, 156-163.	1.5	36
72	Harem choice and breeding experience of female southern elephant seals influence offspring survival. Behavioral Ecology and Sociobiology, 2004, 55, 349-362.	1.4	35

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73	Publish or perish: why it's important to publicise how, and if, research activities affect animals. Wildlife Research, 2012, 39, 375.	1.4	35
74	Optimizing lifetime reproductive output: Intermittent breeding as a tactic for females in a long-lived, multiparous mammal. Journal of Animal Ecology, 2018, 87, 199-211.	2.8	35
75	Big data analyses reveal patterns and drivers of the movements of southern elephant seals. Scientific Reports, 2017, 7, 112.	3.3	33
76	Seasonal Meandering of the Polar Front Upstream of the Kerguelen Plateau. Geophysical Research Letters, 2018, 45, 9774-9781.	4.0	33
77	Bottom-up regulation of a pole-ward migratory predator population. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132842.	2.6	32
78	Animal Borne Ocean Sensors – AniBOS – An Essential Component of the Global Ocean Observing System. Frontiers in Marine Science, 2021, 8, .	2.5	30
79	Applying the Heat to Research Techniques for Species Conservation. Conservation Biology, 2007, 21, 271-273.	4.7	29
80	N-dimensional animal energetic niches clarify behavioural options in a variable marine environment. Journal of Experimental Biology, 2011, 214, 646-656.	1.7	29
81	Flexible inter-nesting behaviour of generalist olive ridley turtles in Australia. Journal of Experimental Marine Biology and Ecology, 2008, 359, 47-54.	1.5	28
82	Spatially explicit spreadsheet modelling for optimising the efficiency of reducing invasive animal density. Methods in Ecology and Evolution, 2010, 1, 53-68.	5.2	28
83	Ocean Observations Using Tagged Animals. Oceanography, 2017, 30, 139-139.	1.0	27
84	The retrospective analysis of Antarctic tracking data project. Scientific Data, 2020, 7, 94.	5.3	27
85	Combining bio-logging and fatty acid signature analysis indicates spatio-temporal variation in the diet of the southern elephant seal, Mirounga leonina. Journal of Experimental Marine Biology and Ecology, 2014, 450, 79-90.	1.5	26
86	Handling Intensity and the Short- and Long-term Survival of Elephant Seals: Addressing and Quantifying Research Effects on Wild Animals. Ambio, 2005, 34, 426-429.	5.5	25
87	Long-term breeding phenology shift in royal penguins. Ecology and Evolution, 2012, 2, 1563-1571.	1.9	25
88	Twinning in southern elephant seals: the implications of resource allocation by mothers. Wildlife Research, 2003, 30, 35.	1.4	24
89	Branding can be justified in vital conservation research. Nature, 2006, 439, 392-392.	27.8	24
90	Tag loss probabilities are not independent: Assessing and quantifying the assumption of independent tag transition probabilities from direct observations. Journal of Experimental Marine Biology and Ecology, 2009, 372, 36-42.	1.5	24

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91	Shifts in macropod home ranges in response to wildlife management interventions. Wildlife Research, 2010, 37, 379.	1.4	24
92	Environmental and physiological determinants of successful foraging by naive southern elephant seal pups during their first trip to sea. Canadian Journal of Zoology, 1999, 77, 1807-1821.	1.0	24
93	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.	4.0	23
94	Error and bias in size estimates of whale sharks: implications for understanding demography. Royal Society Open Science, 2016, 3, 150668.	2.4	23
95	Temporal changes in the quality of hot-iron brands on elephant seal (Mirounga leonina L.) pups. Wildlife Research, 2004, 31, 619.	1.4	23
96	Using carbon isotope analysis of the diet of two introduced Australian megaherbivores to understand Pleistocene megafaunal extinctions. Journal of Biogeography, 2010, 37, 499-505.	3.0	22
97	Best practice recommendations for the use of external telemetry devices on pinnipeds. Animal Biotelemetry, 2019, 7, .	1.9	22
98	A Novel Framework to Protect Animal Data in a World of Ecosurveillance. BioScience, 2020, 70, 468-476.	4.9	22
99	Known unknowns in an imperfect world: incorporating uncertainty in recruitment estimates using multiâ€event captureâ€"recapture models. Ecology and Evolution, 2013, 3, 4658-4668.	1.9	21
100	Transferability of predictive models of coral reef fish species richness. Journal of Applied Ecology, 2016, 53, 64-72.	4.0	21
101	ESTIMATING BODY MASS AND CONDITION OF LEOPARD SEALS BY ALLOMETRICS. Journal of Wildlife Management, 2005, 69, 1015-1023.	1.8	20
102	Evidence for a widely expanded humpback whale calving range along the Western Australian coast. Marine Mammal Science, 2018, 34, 294-310.	1.8	20
103	Finding mesopelagic prey in a changing Southern Ocean. Scientific Reports, 2019, 9, 19013.	3.3	20
104	Risk assessment of SARS-CoV-2 in Antarctic wildlife. Science of the Total Environment, 2021, 755, 143352.	8.0	20
105	Population differentiation in the context of Holocene climate change for a migratory marine species, the southern elephant seal. Journal of Evolutionary Biology, 2016, 29, 1667-1679.	1.7	19
106	Predicting occurrence of juvenile shark habitat to improve conservation planning. Conservation Biology, 2017, 31, 635-645.	4.7	19
107	Modelled midâ€trophic pelagic prey fields improve understanding of marine predator foraging behaviour. Ecography, 2020, 43, 1014-1026.	4.5	19
108	Modelling southern elephant seals Mirounga leonina using an individual-based model coupled with a dynamic energy budget. PLoS ONE, 2018, 13, e0194950.	2.5	19

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109	Do southern elephant seals show density dependence in fecundity?. Polar Biology, 2002, 25, 650-655.	1.2	18
110	Dangers of Sensationalizing Conservation Biology. Conservation Biology, 2007, 21, 570-571.	4.7	18
111	To catch a buffalo: field immobilisation of Asian swamp buffalo using etorphine and xylazine. Australian Veterinary Journal, 2008, 86, 235-241.	1.1	18
112	Ocean surface warming: The North Atlantic remains within the envelope of previous recorded conditions. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 155-162.	1.4	18
113	Turning Pests into Profits: Introduced Buffalo Provide Multiple Benefits to Indigenous People of Northern Australia. Human Ecology, 2011, 39, 155-164.	1.4	18
114	Under the sea ice: Exploring the relationship between sea ice and the foraging behaviour of southern elephant seals in East Antarctica. Progress in Oceanography, 2017, 156, 17-40.	3.2	18
115	Contrasting behavior between two populations of an ice‐obligate predator in East Antarctica. Ecology and Evolution, 2017, 7, 606-618.	1.9	18
116	Bamboo, fire and flood: consequences of disturbance for the vegetative growth of a clumping, clonal plant. Plant Ecology, 2010, 208, 319-332.	1.6	17
117	Winter distribution and abundance of crabeater seals off George V Land, East Antarctica. Antarctic Science, 2002, 14, 128-133.	0.9	15
118	The implications of assuming independent tag loss in southern elephant seals. Ecosphere, 2012, 3, 1-11.	2.2	15
119	Warm Modified Circumpolar Deep Water Intrusions Drive Ice Shelf Melt and Inhibit Dense Shelf Water Formation in Vincennes Bay, East Antarctica. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016998.	2.6	15
120	More analytical bite in estimating targets for shark harvest. Marine Ecology - Progress Series, 2013, 488, 221-232.	1.9	15
121	Climate variability and breeding parameters of a transhemispheric migratory seabird over seven decades. Marine Ecology - Progress Series, 2020, 642, 191-205.	1.9	15
122	Contemporary habitat loss reduces genetic diversity in an ecologically specialized butterfly. Journal of Biogeography, 2010, 37, 1277-1287.	3.0	14
123	A novel field method to distinguish between cryptic carcharhinid sharks, <scp>A</scp>ustralian blacktip shark <i>Carcharhinus tilstoni</i> and common blacktip shark <i>C. limbatus</i>, despite the presence of hybrids. Journal of Fish Biology, 2017, 90, 39-60.	1.6	14
124	Quantifying effects of tracking data bias on species distribution models. Methods in Ecology and Evolution, 2021, 12, 170-181.	5.2	14
125	Inter‐and intrasex habitat partitioning in the highly dimorphic southern elephant seal. Ecology and Evolution, 2021, 11, 1620-1633.	1.9	14
126	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 T		

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127	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.	1.7	13
128	Variability in sea ice cover and climate elicit sex specific responses in an Antarctic predator. Scientific Reports, 2017, 7, 43236.	3.3	13
129	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>. Animal Welfare, 2012, 21, 101-111.	0.7	12
130	The effects of body size and climate on post€weaning survival of elephant seals at <scp>H</scp>eard <scp>I</scp>sland. Journal of Zoology, 2015, 297, 301-308.	1.7	12
131	Introduced species and extreme weather as key drivers of reproductive output in three sympatric albatrosses. Scientific Reports, 2020, 10, 8199.	3.3	12
132	High-resolution movements of critically endangered hawksbill turtles help elucidate conservation requirements in northern Australia. Marine and Freshwater Research, 2016, 67, 1263.	1.3	11
133	View From Below: Inferring Behavior and Physiology of Southern Ocean Marine Predators From Dive Telemetry. Frontiers in Marine Science, 2018, 5, .	2.5	11
134	A report of capture myopathy in the Tasmanian pademelon (Thylogale billardierii). Animal Welfare, 2013, 22, 1-4.	0.7	10
135	Impact of a toxic invasive species on freshwater crocodile (Crocodylus johnstoni) populations in upstream escarpments. Wildlife Research, 2013, 40, 312.	1.4	10
136	A quantitative, hierarchical approach for detecting drift dives and tracking buoyancy changes in southern elephant seals. Scientific Reports, 2019, 9, 8936.	3.3	10
137	Inferring Variation in Southern Elephant Seal At-Sea Mortality by Modelling Tag Failure. Frontiers in Marine Science, 2020, 7, .	2.5	10
138	Tipping back the balance: recolonization of the Macquarie Island isthmus by king penguins (<i>Aptenodytes patagonicus</i>) following extermination for human gain. Antarctic Science, 2009, 21, 237-241.	0.9	9
139	Fertility partially drives the relative success of two introduced bovines (Bubalus bubalis and Bos) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	9
140	Using the Spatial Population Abundance Dynamics Engine for conservation management. Methods in Ecology and Evolution, 2015, 6, 1407-1416.	5.2	9
141	A baseline for POPs contamination in Australian seabirds: little penguins vs. short-tailed shearwaters. Marine Pollution Bulletin, 2020, 159, 111488.	5.0	9
142	Factors influencing the habitat use of sympatric albatrosses from Macquarie Island, Australia. Marine Ecology - Progress Series, 2019, 609, 221-237.	1.9	9
143	Influence of shelf oceanographic variability on alternate foraging strategies in long-nosed fur seals. Marine Ecology - Progress Series, 2019, 615, 189-204.	1.9	9
144	Crikey! Overstating the Conservation Influence of the Crocodile Hunter. Science Communication, 2010, 32, 412-417.	3.3	8

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145	Complete tag loss in capture–recapture studies affects abundance estimates: An elephant seal case study. Ecology and Evolution, 2020, 10, 2377-2384.	1.9	8
146	Elephant seal foraging success is enhanced in Antarctic coastal polynyas. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212452.	2.6	8
147	A Two-Phase Model for Smoothly Joining Disparate Growth Phases in the Macropodid Thylogale billardierii. PLoS ONE, 2011, 6, e24934.	2.5	7
148	DNA methylation levels in candidate genes associated with chronological age in mammals are not conserved in a long-lived seabird. PLoS ONE, 2017, 12, e0189181.	2.5	7
149	Decadal changes in blood δ ^{13} C values, at-sea distribution, and weaning mass of southern elephant seals from Kerguelen Islands. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201544.	2.6	7
150	Climate influences on female survival in a declining population of southern elephant seals (*Mirounga leonina*). Ecology and Evolution, 2021, 11, 11333-11344.	1.9	7
151	Regional Variation in Winter Foraging Strategies by Weddell Seals in Eastern Antarctica and the Ross Sea. Frontiers in Marine Science, 2021, 8, .	2.5	7
152	Handling Intensity and the Short- and Long-term Survival of Elephant Seals: Addressing and Quantifying Research Effects on Wild Animals. Ambio, 2005, 34, 426.	5.5	7
153	Assessing the utility of two- and three-dimensional behavioural metrics in habitat usage models. Marine Ecology - Progress Series, 2016, 562, 181-192.	1.9	7
154	Effect of climate variability on weaning mass in a declining population of southern elephant seals Mirounga leonina. Marine Ecology - Progress Series, 2017, 568, 249-260.	1.9	7
155	Southern elephant seals breeding at Peterson Island, Antarctica. Polar Record, 2000, 36, 51-51.	0.8	6
156	Guarding against oversimplifying the fundamental drivers of southern elephant seal population dynamics. Journal of Biogeography, 2008, 35, 1738-1740.	3.0	6
157	Deep Learning Resolves Representative Movement Patterns in a Marine Predator Species. Applied Sciences (Switzerland), 2019, 9, 2935.	2.5	6
158	Chemical capture of wild swamp buffalo (*Bubalus bubalis*) in tropical northern Australia using thiafentanil, etorphine and azaperone combinations. Australian Veterinary Journal, 2019, 97, 33-38.	1.1	6
159	Disentangling the Influence of Three Major Threats on the Demography of an Albatross Community. Frontiers in Marine Science, 2021, 8, .	2.5	6
160	Seasonal Transformation and Spatial Variability of Water Masses Within MacKenzie Polynya, Prydz Bay. Journal of Geophysical Research: Oceans, 2021, 126, .	2.6	5
161	Hook and nose: an interaction between a male southern elephant seal and a long-line fishery. Polar Record, 2000, 36, 250-252.	0.8	4
162	Environmental drivers of oceanic foraging site fidelity in central place foragers. Marine Biology, 2020, 167, 1.	1.5	4

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163	Reply to: Caution over the use of ecological big data for conservation. Nature, 2021, 595, E20-E28.	27.8	4
164	Sex, body size, and boldness shape the seasonal foraging habitat selection in southern elephant seals. Ecology and Evolution, 2022, 12, e8457.	1.9	4
165	Animal welfare and conservation, the debate we must have: A response to Draper and Bekoff (2012). Biological Conservation, 2013, 158, 424.	4.1	3
166	Animal Navigation: The Mystery of Open Ocean Orientation. Current Biology, 2020, 30, R1054-R1056.	3.9	3
167	A prediction and imputation method for marine animal movement data. PeerJ Computer Science, 2021, 7, e656.	4.5	3
168	Identifying foraging habitats of adult female long-nosed fur seal Arctocephalus forsteri based on vibrissa stable isotopes. Marine Ecology - Progress Series, 2019, 628, 223-234.	1.9	3
169	Movements of southern elephant seals (Mirounga leonina) from Davis Base, Antarctica: combining population genetics and tracking data. Polar Biology, 2022, 45, 1163-1174.	1.2	3
170	Branding the seal branders: what does the research say about seal branding?. Australian Veterinary Journal, 2007, 85, 482-484.	1.1	2
171	Genetic structure of introduced swamp buffalo subpopulations in tropical Australia. Austral Ecology, 2013, 38, 46-56.	1.5	2
172	Nesting ecology of hawksbill turtles at a rookery of international significance in Australia's Northern Territory. Wildlife Research, 2016, 43, 461.	1.4	2
173	It's a girl! A female southern elephant seal born in Western Australia. Australian Journal of Zoology, 2017, 65, 179.	1.0	2
174	Animal welfare science aids conservation. Science, 2020, 370, 180-181.	12.6	2
175	Weddell seal behaviour during an exceptional oceanographic event in the Filchner-Ronne Ice Shelf in 2017. Antarctic Science, 2021, 33, 252-264.	0.9	2
176	Comprehensive analytical approaches reveal species-specific search strategies in sympatric apex predatory sharks. Ecography, 2021, 44, 1544-1556.	4.5	2
177	Predators on track for ocean protection around Antarctica. Nature, 2020, 580, 34-35.	27.8	2
178	Animal-Borne Ocean Sensors: A Decadal Vision Through New Eyes. Marine Technology Society Journal, 2022, 56, 36-38.	0.4	2
179	USING SPATIO - TEMPORAL MODELLING AS A DECISION SUPPORT TOOL FOR MANAGEMENT OF A NATIVE PEST HERBIVORE. Applied Ecology and Environmental Research, 2014, 12, 163-178.	0.5	1
180	Health of Antarctic wildlife: a challenge for science and policy. Polar Research, 2010, 29, 463-466.	1.6	0

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181	Australia: a case for Aboriginal rangers. Nature, 2012, 482, 471-471.	27.8	0
182	Seals collect more Southern Ocean data. Nature, 2014, 513, 33-33.	27.8	0
183	Review of <i>Health of Antarctic wildlife: a challenge for science and policy</i>, edited by Kerry R. Knowles & Martin J. Riddle (2009).. Polar Research, 2010, 29, 463-466.	1.6	0