

Mark A Hindell

List of Publications by Year in descending order

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Version: 2024-02-01

289
papers

13,078
citations

20759

60
h-index

39575

94
g-index

295
all docs

295
docs citations

295
times ranked

9005
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling laws of marine predator search behaviour. <i>Nature</i> , 2008, 451, 1098-1102.	13.7	852
2	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. <i>Global Change Biology</i> , 2014, 20, 3004-3025.	4.2	448
3	Variations in behavior and condition of a Southern Ocean top predator in relation to <i>in situ</i> oceanographic conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13705-13710.	3.3	291
4	Antarctic Bottom Water production by intense sea-ice formation in the Cape Darnley polynya. <i>Nature Geoscience</i> , 2013, 6, 235-240.	5.4	246
5	Molecular scatology as a tool to study diet: analysis of prey DNA in scats from captive Steller sea lions. <i>Molecular Ecology</i> , 2005, 14, 1831-1842.	2.0	213
6	Loyalty pays: potential life history consequences of fidelity to marine foraging regions by southern elephant seals. <i>Animal Behaviour</i> , 2004, 68, 1349-1360.	0.8	175
7	Studying Seabird Diet through Genetic Analysis of Faeces: A Case Study on Macaroni Penguins (<i>Eudyptes chrysolophus</i>). <i>PLoS ONE</i> , 2007, 2, e831.	1.1	172
8	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020, 580, 87-92.	13.7	156
9	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.	0.9	156
10	You are what you eat: describing the foraging ecology of southern elephant seals (<i>Mirounga leonina</i>) using blubber fatty acids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1283-1292.	1.2	155
11	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.	3.3	152
12	Movement responses to environment: fast inference of variation among southern elephant seals with a mixed effects model. <i>Ecology</i> , 2019, 100, e02566.	1.5	144
13	Physiological implications of continuous, prolonged, and deep dives of the southern elephant seal (<i>Mirounga leonina</i>). <i>Canadian Journal of Zoology</i> , 1992, 70, 370-379.	0.4	138
14	Important marine habitat off east Antarctica revealed by two decades of multi-species predator tracking. <i>Ecography</i> , 2015, 38, 121-129.	2.1	134
15	Bayesian Estimation of Animal Movement from Archival and Satellite Tags. <i>PLoS ONE</i> , 2009, 4, e7324.	1.1	133
16	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	127
17	Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories. <i>Ecosphere</i> , 2016, 7, e01213.	1.0	126
18	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.	2.2	125

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19	Resource partitioning through oceanic segregation of foraging juvenile southern elephant seals (<i>Mirounga leonina</i>). <i>Oecologia</i> , 2005, 142, 127-135.	0.9	125
20	The suppression of Antarctic bottom water formation by melting ice shelves in Prydz Bay. <i>Nature Communications</i> , 2016, 7, 12577.	5.8	124
21	Marine Mammals Exploring the Oceans Pole to Pole: A Review of the MEOP Consortium. <i>Oceanography</i> , 2017, 30, 132-138.	0.5	123
22	A Southern Indian Ocean database of hydrographic profiles obtained with instrumented elephant seals. <i>Scientific Data</i> , 2014, 1, 140028.	2.4	110
23	Estimates of the Southern Ocean general circulation improved by animal-borne instruments. <i>Geophysical Research Letters</i> , 2013, 40, 6176-6180.	1.5	108
24	Dispersal of female southern elephant seals and their prey consumption during the austral summer: relevance to management and oceanographic zones. <i>Journal of Applied Ecology</i> , 2003, 40, 703-715.	1.9	106
25	Periodic variability in cetacean strandings: links to large-scale climate events. <i>Biology Letters</i> , 2005, 1, 147-150.	1.0	104
26	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.	3.3	103
27	Some Life-History Parameters of a Declining Population of Southern Elephant Seals, <i>Mirounga leonina</i> . <i>Journal of Animal Ecology</i> , 1991, 60, 119.	1.3	99
28	Defining Southern Ocean fronts and their influence on biological and physical processes in a changing climate. <i>Nature Climate Change</i> , 2020, 10, 209-219.	8.1	99
29	Dive behaviour, foraging locations, and maternal-attendance patterns of Australian fur seals (<i>Arctocephalus pusillus doriferus</i>). <i>Canadian Journal of Zoology</i> , 2001, 79, 35-48.	0.4	97
30	Past and present status of the southern elephant seal (<i>Mirounga leonina</i>) at Macquarie Island. <i>Journal of Zoology</i> , 1987, 213, 365-380.	0.8	92
31	Age-related shifts in the diet composition of southern elephant seals expand overall foraging niche. <i>Marine Biology</i> , 2007, 150, 1441-1452.	0.7	91
32	Integrative modelling of animal movement: incorporating <i>in situ</i> habitat and behavioural information for a migratory marine predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122262.	1.2	91
33	Feeding ecology of wild migratory tunas revealed by archival tag records of visceral warming. <i>Journal of Animal Ecology</i> , 2008, 77, 1223-1233.	1.3	90
34	Using GPS data to evaluate the accuracy of state-space methods for correction of Argos satellite telemetry error. <i>Ecology</i> , 2010, 91, 273-285.	1.5	90
35	A quantitative analysis linking seabird mortality and marine debris ingestion. <i>Scientific Reports</i> , 2019, 9, 3202.	1.6	90
36	In situ measures of foraging success and prey encounter reveal marine habitat-dependent search strategies. <i>Ecology</i> , 2011, 92, 1258-1270.	1.5	89

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37	Developing priority variables (‘‘ecosystem Essential Ocean Variables’’ eEOVs) for observing dynamics and change in Southern Ocean ecosystems. <i>Journal of Marine Systems</i> , 2016, 161, 26-41.	0.9	89
38	Foraging ecology of subantarctic fur seals <i>Arctocephalus tropicalis</i> breeding on Amsterdam Island: seasonal changes in relation to maternal characteristics and pup growth. <i>Marine Ecology - Progress Series</i> , 2004, 273, 211-225.	0.9	88
39	Foraging strategies of southern elephant seals (<i>Mirounga leonina</i>) in relation to frontal zones and water masses. <i>Antarctic Science</i> , 2001, 13, 371-379.	0.5	85
40	Winter habitat use and foraging behavior of crabeater seals along the Western Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004, 51, 2279-2303.	0.6	83
41	Habitat modelling of tracking data from multiple marine predators identifies important areas in the Southern Indian Ocean. <i>Diversity and Distributions</i> , 2018, 24, 535-550.	1.9	82
42	Assessment of scale-dependent foraging behaviour in southern elephant seals incorporating the vertical dimension: a development of the First Passage Time method. <i>Journal of Animal Ecology</i> , 2008, 77, 948-957.	1.3	81
43	Taking animal tracking to new depths: synthesizing horizontal-vertical movement relationships for four marine predators. <i>Ecology</i> , 2015, 96, 417-427.	1.5	78
44	Impacts of climatic anomalies on provisioning strategies of a Southern Ocean predator. <i>Marine Ecology - Progress Series</i> , 2006, 310, 77-94.	0.9	78
45	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.	0.4	75
46	Heart Rate, Swimming Speed, and Estimated Oxygen Consumption of a Free-Ranging Southern Elephant Seal. <i>Physiological Zoology</i> , 1998, 71, 74-84.	1.5	74
47	Vertical stratification of fatty acids in the blubber of southern elephant seals (<i>Mirounga leonina</i>): implications for diet analysis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 134, 253-263.	0.7	73
48	Seasonal Haul-Out Patterns of the Southern Elephant Seal (<i>Mirounga leonina</i> L.), at Macquarie Island. <i>Journal of Mammalogy</i> , 1988, 69, 81-88.	0.6	72
49	Feast or famine: evidence for mixed capital-income breeding strategies in Weddell seals. <i>Oecologia</i> , 2008, 155, 11-20.	0.9	71
50	Influence of maternal mass and condition on energy transfer in Weddell seals. <i>Journal of Animal Ecology</i> , 2006, 75, 724-733.	1.3	70
51	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.	0.7	70
52	Detecting prey from DNA in predator scats: A comparison with morphological analysis, using <i>Arctocephalus</i> seals fed a known diet. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 347, 144-154.	0.7	69
53	Return Customers: Foraging Site Fidelity and the Effect of Environmental Variability in Wide-Ranging Antarctic Fur Seals. <i>PLoS ONE</i> , 2015, 10, e0120888.	1.1	67
54	The diet of sperm whales (<i>Physeter macrocephalus</i>) in southern Australian waters. <i>ICES Journal of Marine Science</i> , 2004, 61, 1313-1329.	1.2	66

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55	A continuous-time state-space model for rapid quality control of argos locations from animal-borne tags. <i>Movement Ecology</i> , 2020, 8, 31.	1.3	66
56	Dive behaviour, foraging locations, and maternal-attendance patterns of Australian fur seals (<i>Arctocephalus pusillus doriferus</i>). <i>Canadian Journal of Zoology</i> , 2001, 79, 35-48.	0.4	65
57	Measuring Animal Age with DNA Methylation: From Humans to Wild Animals. <i>Frontiers in Genetics</i> , 2017, 8, 106.	1.1	65
58	Overhauling Ocean Spatial Planning to Improve Marine Megafauna Conservation. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	65
59	Spatial and temporal variation in the diet of a high trophic level predator, the Australian fur seal (<i>Arctocephalus pusillus doriferus</i>). <i>Journal of Zoology</i> , 2002, 256, 351-359.	0.7	64
60	Milk consumption, body composition and pre-weaning growth rates of Australian fur seal (<i>Arctocephalus pusillus doriferus</i>) pups. <i>Journal of Zoology</i> , 2002, 256, 351-359.	0.8	63
61	At-sea distribution of female southern elephant seals relative to variation in ocean surface properties. <i>ICES Journal of Marine Science</i> , 2004, 61, 1014-1027.	1.2	63
62	Identifying foraging events in deep diving southern elephant seals, <i>Mirounga leonina</i> , using acceleration data loggers. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 88-89, 14-22.	0.6	63
63	ESTIMATION OF BODY MASS IN THE SOUTHERN ELEPHANT SEAL, <i>MIROUNGA LEONINA</i> , BY PHOTOGRAMMETRY AND MORPHOMETRICS. <i>Marine Mammal Science</i> , 1997, 13, 669-682.	0.9	62
64	The influence of body size on dive duration of underyearling southern elephant seals (<i>Mirounga leonina</i>). <i>Journal of Zoology</i> , 2002, 256, 351-359.	0.8	62
65	Variability in the diving activity of Antarctic fur seals, <i>Arctocephalus gazella</i> , at Iles Kerguelen. <i>Polar Biology</i> , 2002, 25, 269-279.	0.5	62
66	Is plastic ingestion in birds as toxic as we think? Insights from a plastic feeding experiment. <i>Science of the Total Environment</i> , 2019, 665, 660-667.	3.9	62
67	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.	1.1	62
68	Three-dimensional dive profiles of free-ranging Weddell seals. <i>Polar Biology</i> , 2000, 23, 479-487.	0.5	61
69	Predicting feeding success in a migratory predator: integrating telemetry, environment, and modeling techniques. <i>Ecology</i> , 2010, 91, 2373-2384.	1.5	61
70	Fourteen. Diving behavior of southern elephant seals from Macquarie island: an overview. <i>Journal of Zoology</i> , 1994, 253-270.		61
71	Satellites, the All-Seeing Eyes in the Sky: Counting Elephant Seals from Space. <i>PLoS ONE</i> , 2014, 9, e92613.	1.1	57
72	When large marine predators feed on fisheries catches: Global patterns of the depredation conflict and directions for coexistence. <i>Fish and Fisheries</i> , 2021, 22, 31-53.	2.7	57

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73	Body size shifts and early warning signals precede the historic collapse of whale stocks. <i>Nature Ecology and Evolution</i> , 2017, 1, 188.	3.4	56
74	Shearwater Foraging in the Southern Ocean: The Roles of Prey Availability and Winds. <i>PLoS ONE</i> , 2010, 5, e10960.	1.1	55
75	Depletion of deep marine food patches forces divers to give up early. <i>Journal of Animal Ecology</i> , 2013, 82, 72-83.	1.3	55
76	The foraging ecology of two sympatric fur seal species, <i>Arctocephalus gazella</i> and <i>Arctocephalus tropicalis</i> , at Macquarie Island during the austral summer. <i>Marine and Freshwater Research</i> , 2002, 53, 1071.	0.7	54
77	Spatially Explicit Estimates of Prey Consumption Reveal a New Krill Predator in the Southern Ocean. <i>PLoS ONE</i> , 2014, 9, e86452.	1.1	54
78	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.	1.3	54
79	Blubber fatty acid profiles indicate dietary resource partitioning between adult and juvenile southern elephant seals. <i>Marine Ecology - Progress Series</i> , 2009, 384, 303-312.	0.9	54
80	The diet of the King Penguin <i>Aptenodytes patagonicus</i> at Macquarie Island. <i>Ibis</i> , 1988, 130, 193-203.	1.0	53
81	Ecological drivers of marine debris ingestion in Procellariiform Seabirds. <i>Scientific Reports</i> , 2019, 9, 916.	1.6	53
82	Ecology of Weddell seals during winter: Influence of environmental parameters on their foraging behaviour. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 88-89, 23-33.	0.6	52
83	Sea temperature variations mediate annual changes in the diet of Australian fur seals in Bass Strait. <i>Marine Ecology - Progress Series</i> , 2008, 369, 297-309.	0.9	51
84	Effects of capture stress on free-ranging, reproductively active male Weddell seals. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2010, 196, 147-154.	0.7	48
85	Combining DNA and morphological analyses of faecal samples improves insight into trophic interactions: a case study using a generalist predator. <i>Marine Biology</i> , 2007, 152, 815-825.	0.7	47
86	Age-specific cost of first reproduction in female southern elephant seals. <i>Biology Letters</i> , 2014, 10, 20140264.	1.0	47
87	LONGEVITY, FERTILITY AND PHILOPATRY OF TWO FEMALE SOUTHERN ELEPHANT SEALS (<i>MIROUNGA LEONINA</i>) AT MACQUARIE ISLAND. <i>Marine Mammal Science</i> , 1988, 4, 168-171.	0.9	46
88	Paternity analysis shows experience, not age, enhances mating success in an aquatically mating pinniped, the Weddell seal (<i>Leptonychotes weddellii</i>). <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 643-652.	0.6	45
89	A New Method to Quantify within Dive Foraging Behaviour in Marine Predators. <i>PLoS ONE</i> , 2014, 9, e99329.	1.1	45
90	Foraging ecology of Gentoo Penguins <i>Pygoscelis papua</i> at Macquarie Island during the period of chick care. <i>Ibis</i> , 1996, 138, 722-731.	1.0	44

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91	The effect of body condition on the timing and success of breeding in Little Penguins <i>Eudyptula minor</i> . <i>Ibis</i> , 2005, 147, 483-489.	1.0	44
92	Mass Cetacean Strandings-a Plea for Empiricism. <i>Conservation Biology</i> , 2006, 20, 584-586.	2.4	44
93	Telomeres as age markers in vertebrate molecular ecology. <i>Molecular Ecology Resources</i> , 2011, 11, 225-235.	2.2	44
94	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.	2.2	44
95	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.	0.9	43
96	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
97	Use of Anthropogenic Sea Floor Structures by Australian Fur Seals: Potential Positive Ecological Impacts of Marine Industrial Development?. <i>PLoS ONE</i> , 2015, 10, e0130581.	1.1	43
98	Decadal changes in habitat characteristics influence population trajectories of southern elephant seals. <i>Global Change Biology</i> , 2017, 23, 5136-5150.	4.2	43
99	Differential Mobilization of Blubber Fatty Acids in Lactating Weddell Seals: Evidence for Selective Use. <i>Physiological and Biochemical Zoology</i> , 2008, 81, 651-662.	0.6	42
100	Refining instrument attachment on phocid seals. <i>Marine Mammal Science</i> , 2012, 28, E325.	0.9	42
101	Stranded dolphin stomach contents represent the free-ranging population's diet. <i>Biology Letters</i> , 2013, 9, 20121036.	1.0	42
102	Estimating resource acquisition and at-sea body condition of a marine predator. <i>Journal of Animal Ecology</i> , 2013, 82, 1300-1315.	1.3	42
103	From video recordings to whisker stable isotopes: a critical evaluation of timescale in assessing individual foraging specialisation in Australian fur seals. <i>Oecologia</i> , 2016, 180, 657-670.	0.9	42
104	Mercury and cadmium concentrations in the tissues of three species of southern albatrosses. <i>Polar Biology</i> , 1999, 22, 102-108.	0.5	41
105	Antarctic Bottom Water production from the Vincennes Bay Polynya, East Antarctica. <i>Geophysical Research Letters</i> , 2014, 41, 3528-3534.	1.5	41
106	Ingestion of plastic by fish destined for human consumption in remote South Pacific Islands. <i>Australian Journal of Maritime and Ocean Affairs</i> , 2018, 10, 81-97.	1.1	41
107	Coastal polynyas: Winter oases for subadult southern elephant seals in East Antarctica. <i>Scientific Reports</i> , 2018, 8, 3183.	1.6	41
108	Diet of juvenile southern elephant seals reappraised by stable isotopes in whiskers. <i>Marine Ecology - Progress Series</i> , 2011, 424, 247-258.	0.9	41

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109	Winter use of sea ice and ocean water mass habitat by southern elephant seals: The length and breadth of the mystery. <i>Progress in Oceanography</i> , 2015, 137, 52-68.	1.5	40
110	Determining feeding events and prey encounter rates in a southern elephant seal: a method using swim speed and stomach temperature. <i>Marine Mammal Science</i> , 2008, 24, 207-217.	0.9	39
111	Animal welfare and decision making in wildlife research. <i>Biological Conservation</i> , 2012, 153, 254-256.	1.9	39
112	A standardisation framework for bio-logging data to advance ecological research and conservation. <i>Methods in Ecology and Evolution</i> , 2021, 12, 996-1007.	2.2	39
113	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.	0.6	38
114	Shifting trends: detecting environmentally mediated regulation in long-lived marine vertebrates using time-series data. <i>Oecologia</i> , 2009, 159, 69-82.	0.9	38
115	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.	1.1	38
116	Influence of time of day and month on Weddell seal haul-out patterns at the Vestfold Hills, Antarctica. <i>Polar Biology</i> , 1997, 18, 319-324.	0.5	36
117	Migrations and foraging of juvenile southern elephant seals from Macquarie Island within CCAMLR managed areas. <i>Antarctic Science</i> , 2002, 14, 134-145.	0.5	36
118	A validated approach for supervised dive classification in diving vertebrates. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 363, 75-83.	0.7	35
119	Publish or perish: why it's important to publicise how, and if, research activities affect animals. <i>Wildlife Research</i> , 2012, 39, 375.	0.7	35
120	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.	1.3	35
121	Foraging Parameters Influencing the Detection and Interpretation of Area-Restricted Search Behaviour in Marine Predators: A Case Study with the Masked Booby. <i>PLoS ONE</i> , 2013, 8, e63742.	1.1	34
122	Energy content of mesopelagic fish from Macquarie Island. <i>Antarctic Science</i> , 2002, 14, 225-230.	0.5	33
123	Big data analyses reveal patterns and drivers of the movements of southern elephant seals. <i>Scientific Reports</i> , 2017, 7, 112.	1.6	33
124	Seasonal Meandering of the Polar Front Upstream of the Kerguelen Plateau. <i>Geophysical Research Letters</i> , 2018, 45, 9774-9781.	1.5	33
125	Body fat and condition in sperm whales, <i>Physeter macrocephalus</i> , from southern Australian waters. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2003, 134, 847-862.	0.8	32
126	Bottom-up regulation of a pole-ward migratory predator population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132842.	1.2	32

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127	Winter habitat predictions of a key Southern Ocean predator, the Antarctic fur seal (<i>Arctocephalus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.6	32
128	The Composition of Australian Fur Seal (<i>Arctocephalus pusillus doriferus</i>) Milk throughout Lactation. <i>Physiological and Biochemical Zoology</i> , 1999, 72, 605-612.	0.6	31
129	The age structure and growth of female sperm whales (<i>Physeter macrocephalus</i>) in southern Australian waters. <i>Journal of Zoology</i> , 2004, 263, 237-250.	0.8	31
130	Plasticity in vertical behaviour of migrating juvenile southern bluefin tuna (<i>Thunnus maccoyii</i>) in relation to oceanography of the south Indian Ocean. <i>Fisheries Oceanography</i> , 2009, 18, 237-254.	0.9	31
131	Finding our way: On the sharing and reuse of animal telemetry data in Australasia. <i>Science of the Total Environment</i> , 2015, 534, 79-84.	3.9	30
132	Animal Borne Ocean Sensors " AniBOS " An Essential Component of the Global Ocean Observing System. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	30
133	THREE MASS STRANDINGS OF SPERM WHALES (<i>PHYSETER MACROCEPHALUS</i>) IN SOUTHERN AUSTRALIAN WATERS. <i>Marine Mammal Science</i> , 2002, 18, 622-643.	0.9	29
134	Assessing the impact of toothed whale depredation on socio-ecosystems and fishery management in wide-ranging subantarctic fisheries. <i>Reviews in Fish Biology and Fisheries</i> , 2020, 30, 203-217.	2.4	29
135	Climate change impacts on seabirds and marine mammals: The importance of study duration, thermal tolerance and generation time. <i>Ecology Letters</i> , 2022, 25, 218-239.	3.0	29
136	Remote sensing of Southern Ocean sea surface temperature: implications for marine biophysical models. <i>Remote Sensing of Environment</i> , 2003, 84, 161-173.	4.6	28
137	Foraging habitats of southern elephant seals, <i>Mirounga leonina</i> , from the Northern Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 88-89, 47-60.	0.6	28
138	South for the winter? Within-dive foraging effort reveals the tradeoffs between divergent foraging strategies in a free-ranging predator. <i>Functional Ecology</i> , 2016, 30, 1623-1637.	1.7	28
139	Chemical immobilization of adult female Weddell seals with tiletamine and zolazepam: effects of age, condition and stage of lactation. <i>BMC Veterinary Research</i> , 2006, 2, 8.	0.7	27
140	Foraging while breeding: alternative mating strategies by male Weddell seals?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2007, 17, S68-S78.	0.9	27
141	Ocean Observations Using Tagged Animals. <i>Oceanography</i> , 2017, 30, 139-139.	0.5	27
142	The retrospective analysis of Antarctic tracking data project. <i>Scientific Data</i> , 2020, 7, 94.	2.4	27
143	EFFECTS OF PHYSIOLOGICAL STATE ON DURATION OF SEDATION IN SOUTHERN ELEPHANT SEALS. <i>Journal of Wildlife Diseases</i> , 1989, 25, 586-590.	0.3	26
144	Seasonal use of oceanographic and fisheries management zones by juvenile southern elephant seals () Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	26

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145	Pseudogenes and DNA-based diet analyses: a cautionary tale from a relatively well sampled predator-prey system. <i>Bulletin of Entomological Research</i> , 2008, 98, 239-248.	0.5	26
146	The individual counts: within sex differences in foraging strategies are as important as sex-specific differences in masked boobies <i>Sula dactylatra</i> . <i>Journal of Avian Biology</i> , 2013, 44, 531-540.	0.6	26
147	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.	0.7	26
148	Flexible foraging behaviour in a marine predator, the Masked booby (<i>Sula dactylatra</i>), according to foraging locations and environmental conditions. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 463, 79-86.	0.7	26
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