

Mark A Hindell

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285
papers

9,739
citations

52
h-index

82
g-index

295
ext. papers

11,382
ext. citations

4
avg, IF

6.11
L-index

#	Paper	IF	Citations
285	Scaling laws of marine predator search behaviour. <i>Nature</i> , 2008 , 451, 1098-102	50.4	681
284	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. <i>Global Change Biology</i> , 2014 , 20, 3004-25	11.4	319
283	Variations in behavior and condition of a Southern Ocean top predator in relation to in situ oceanographic conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13705-10	11.5	253
282	Antarctic Bottom Water production by intense sea-ice formation in the Cape Darnley polynya. <i>Nature Geoscience</i> , 2013 , 6, 235-240	18.3	190
281	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, 1831-42	5.7	179
280	Loyalty pays: potential life history consequences of fidelity to marine foraging regions by southern elephant seals. <i>Animal Behaviour</i> , 2004 , 68, 1349-1360	2.8	154
279	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	3.7	148
278	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	2.6	122
277	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	4.4	121
276	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, 11634-9	11.5	119
275	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	1.5	117
274	Bayesian estimation of animal movement from archival and satellite tags. <i>PLoS ONE</i> , 2009 , 4, e7324	3.7	111
273	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	5	107
272	Important marine habitat off east Antarctica revealed by two decades of multi-species predator tracking. <i>Ecography</i> , 2015 , 38, 121-129	6.5	106
271	Resource partitioning through oceanic segregation of foraging juvenile southern elephant seals (<i>Mirounga leonina</i>). <i>Oecologia</i> , 2005 , 142, 127-35	2.9	101
270	Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories. <i>Ecosphere</i> , 2016 , 7, e01213	3.1	94
269	Estimates of the Southern Ocean general circulation improved by animal-borne instruments. <i>Geophysical Research Letters</i> , 2013 , 40, 6176-6180	4.9	93

268	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	1.5	91
267	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	5.8	90
266	Integrative modelling of animal movement: incorporating in situ habitat and behavioural information for a migratory marine predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20122262	4.4	86
265	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020 , 580, 87-92	50.4	83
264	A Southern Indian Ocean database of hydrographic profiles obtained with instrumented elephant seals. <i>Scientific Data</i> , 2014 , 1, 140028	8.2	81
263	Marine Mammals Exploring the Oceans Pole to Pole: A Review of the MEOP Consortium. <i>Oceanography</i> , 2017 , 30, 132-138	2.3	80
262	In situ measures of foraging success and prey encounter reveal marine habitat-dependent search strategies. <i>Ecology</i> , 2011 , 92, 1258-70	4.6	79
261	Using GPS data to evaluate the accuracy of state-space methods for correction of Argos satellite telemetry error. <i>Ecology</i> , 2010 , 91, 273-85	4.6	79
260	Periodic variability in cetacean strandings: links to large-scale climate events. <i>Biology Letters</i> , 2005 , 1, 147-50	3.6	79
259	The suppression of Antarctic bottom water formation by melting ice shelves in Prydz Bay. <i>Nature Communications</i> , 2016 , 7, 12577	17.4	78
258	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	4.7	77
257	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, 948-57	4.7	74
256	Feeding ecology of wild migratory tunas revealed by archival tag records of visceral warming. <i>Journal of Animal Ecology</i> , 2008 , 77, 1223-33	4.7	73
255	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	2.7	72
254	Age-related shifts in the diet composition of southern elephant seals expand overall foraging niche. <i>Marine Biology</i> , 2007 , 150, 1441-1452	2.5	71
253	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	2	71
252	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	2.3	69
251	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	1.7	69

250	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	2.6	68
249	Feast or famine: evidence for mixed capital-income breeding strategies in Weddell seals. <i>Oecologia</i> , 2008 , 155, 11-20	2.9	64
248	Impacts of climatic anomalies on provisioning strategies of a Southern Ocean predator. <i>Marine Ecology - Progress Series</i> , 2006 , 310, 77-94	2.6	64
247	Heart rate, swimming speed, and estimated oxygen consumption of a free-ranging southern elephant seal. <i>Physiological Zoology</i> , 1998 , 71, 74-84		62
246	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	11.5	60
245	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	60
244	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	1.5	59
243	Influence of maternal mass and condition on energy transfer in Weddell seals. <i>Journal of Animal Ecology</i> , 2006 , 75, 724-33	4.7	58
242	Taking animal tracking to new depths: synthesizing horizontal-vertical movement relationships for four marine predators. <i>Ecology</i> , 2015 , 96, 417-27	4.6	57
241	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	2.1	56
240	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	2.1	55
239	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	2	55
238	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	5	53
237	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	2.3	52
236	Predicting feeding success in a migratory predator: integrating telemetry, environment, and modeling techniques. <i>Ecology</i> , 2010 , 91, 2373-84	4.6	52
235	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, 253-63	2.3	52
234	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	2.7	52
233	The influence of body size on dive duration of underyearling southern elephant seals (<i>Mirounga leonina</i>). <i>Journal of Zoology</i> , 2000 , 251, 463-471	2	52

232	Return customers: foraging site fidelity and the effect of environmental variability in wide-ranging antarctic fur seals. <i>PLoS ONE</i> , 2015 , 10, e0120888	3.7	52
231	Movement responses to environment: fast inference of variation among southern elephant seals with a mixed effects model. <i>Ecology</i> , 2019 , 100, e02566	4.6	52
230	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	3.7	51
229	The diet of sperm whales (<i>Physeter macrocephalus</i>) in southern Australian waters. <i>ICES Journal of Marine Science</i> , 2004 , 61, 1313-1329	2.7	50
228	Three-dimensional dive profiles of free-ranging Weddell seals. <i>Polar Biology</i> , 2000 , 23, 479-487	2	50
227	Spatial and temporal variation in the diet of a high trophic level predator, the Australian fur seal (<i>Arctocephalus pusillus doriferus</i>). <i>Marine Biology</i> , 2004 , 144, 407-415	2.5	47
226	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	1.8	47
225	Depletion of deep marine food patches forces divers to give up early. <i>Journal of Animal Ecology</i> , 2013 , 82, 72-83	4.7	45
224	Satellites, the all-seeing eyes in the sky: counting elephant seals from space. <i>PLoS ONE</i> , 2014 , 9, e92613	3.7	45
223	Shearwater foraging in the Southern Ocean: the roles of prey availability and winds. <i>PLoS ONE</i> , 2010 , 5, e10960	3.7	45
222	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	1.5	45
221	Fourteen. Diving behavior of southern elephant seals from Macquarie island: an overview 1994 , 253-270		45
220	Variability in the diving activity of Antarctic fur seals, <i>Arctocephalus gazella</i> , at Iles Kerguelen. <i>Polar Biology</i> , 2002 , 25, 269-279	2	44
219	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	2.6	44
218	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	4.7	43
217	ESTIMATION OF BODY MASS IN THE SOUTHERN ELEPHANT SEAL, MIROUNGA LEONINA, BY PHOTOGRAMMETRY AND MORPHOMETRICS. <i>Marine Mammal Science</i> , 1997 , 13, 669-682	1.9	43
216	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	2.2	43
215	LONGEVITY, FERTILITY AND PHILOPATRY OF TWO FEMALE SOUTHERN ELEPHANT SEALS (MIROUNGA LEONINA) AT MACQUARIE ISLAND. <i>Marine Mammal Science</i> , 1988 , 4, 168-171	1.9	43

214	A quantitative analysis linking seabird mortality and marine debris ingestion. <i>Scientific Reports</i> , 2019 , 9, 3202	4.9	43
213	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	2.3	42
212	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	2.5	42
211	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	2.6	42
210	Measuring Animal Age with DNA Methylation: From Humans to Wild Animals. <i>Frontiers in Genetics</i> , 2017 , 8, 106	4.5	41
209	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, 657-70	2.9	39
208	Age-specific cost of first reproduction in female southern elephant seals. <i>Biology Letters</i> , 2014 , 10, 20140264	2.64	39
207	Spatially explicit estimates of prey consumption reveal a new krill predator in the Southern Ocean. <i>PLoS ONE</i> , 2014 , 9, e86452	3.7	39
206	Differential mobilization of blubber fatty acids in lactating Weddell seals: evidence for selective use. <i>Physiological and Biochemical Zoology</i> , 2008 , 81, 651-62	2	39
205	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	2.5	39
204	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	21.4	38
203	Complex interplay between intrinsic and extrinsic drivers of long-term survival trends in southern elephant seals. <i>BMC Ecology</i> , 2007 , 7, 3	2.7	38
202	Diet of juvenile southern elephant seals reappraised by stable isotopes in whiskers. <i>Marine Ecology - Progress Series</i> , 2011 , 424, 247-258	2.6	37
201	Estimating resource acquisition and at-sea body condition of a marine predator. <i>Journal of Animal Ecology</i> , 2013 , 82, 1300-15	4.7	36
200	Mercury and cadmium concentrations in the tissues of three species of southern albatrosses. <i>Polar Biology</i> , 1999 , 22, 102-108	2	36
199	Shifting trends: detecting environmentally mediated regulation in long-lived marine vertebrates using time-series data. <i>Oecologia</i> , 2009 , 159, 69-82	2.9	35
198	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	1.9	35
197	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, 147-54	2.3	34

196	The diet of the King Penguin <i>Aptenodytes patagonicus</i> at Macquarie Island. <i>Ibis</i> , 2008 , 130, 193-203	1.9	34
195	Body size shifts and early warning signals precede the historic collapse of whale stocks. <i>Nature Ecology and Evolution</i> , 2017 , 1, 188	12.3	33
194	Refining instrument attachment on phocid seals. <i>Marine Mammal Science</i> , 2012 , 28, E325-E332	1.9	33
193	Stranded dolphin stomach contents represent the free-ranging population's diet. <i>Biology Letters</i> , 2013 , 9, 20121036	3.6	33
192	LONG DISTANCE MOVEMENT OF A SOUTHERN ELEPHANT SEAL (MIROUNGA LEONINA) FROM MACQUARIE ISLAND TO PETER I I. <i>Marine Mammal Science</i> , 2000 , 16, 504-507	1.9	33
191	A new method to quantify within dive foraging behaviour in marine predators. <i>PLoS ONE</i> , 2014 , 9, e99329	3.7	33
190	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	3.8	32
189	Telomeres as age markers in vertebrate molecular ecology. <i>Molecular Ecology Resources</i> , 2011 , 11, 225-38	3.4	32
188	Migrations and foraging of juvenile southern elephant seals from Macquarie Island within CCAMLR managed areas. <i>Antarctic Science</i> , 2002 , 14, 134-145	1.7	32
187	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, 790-8	2	32
186	Decadal changes in habitat characteristics influence population trajectories of southern elephant seals. <i>Global Change Biology</i> , 2017 , 23, 5136-5150	11.4	31
185	Mass cetacean strandings-a plea for empiricism. <i>Conservation Biology</i> , 2006 , 20, 584-6	6	31
184	Ecological drivers of marine debris ingestion in Procellariiform Seabirds. <i>Scientific Reports</i> , 2019 , 9, 916	4.9	30
183	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	1.9	30
182	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	1.9	30
181	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	3.7	29
180	Animal welfare and decision making in wildlife research. <i>Biological Conservation</i> , 2012 , 153, 254-256	6.2	29
179	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	2.4	29

178	A validated approach for supervised dive classification in diving vertebrates. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008 , 363, 75-83	2.1	29
177	A continuous-time state-space model for rapid quality control of argos locations from animal-borne tags. <i>Movement Ecology</i> , 2020 , 8, 31	4.6	29
176	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	4.7	28
175	Antarctic Bottom Water production from the Vincennes Bay Polynya, East Antarctica. <i>Geophysical Research Letters</i> , 2014 , 41, 3528-3534	4.9	28
174	Publish or perish: why it's important to publicise how, and if, research activities affect animals. <i>Wildlife Research</i> , 2012 , 39, 375	1.8	28
173	Bottom-up regulation of a pole-ward migratory predator population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20132842	4.4	27
172	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	2	27
171	Coastal polynyas: Winter oases for subadult southern elephant seals in East Antarctica. <i>Scientific Reports</i> , 2018 , 8, 3183	4.9	26
170	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	2.3	26
169	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, 847-62	2.6	26
168	The composition of Australian fur seal (<i>Arctocephalus pusillus doriferus</i>) milk throughout lactation. <i>Physiological and Biochemical Zoology</i> , 1999 , 72, 605-12	2	26
167	Overhauling Ocean Spatial Planning to Improve Marine Megafauna Conservation. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	25
166	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	1.9	25
165	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	3.7	25
164	THREE MASS STRANDINGS OF SPERM WHALES (<i>PHYSETER MACROCEPHALUS</i>) IN SOUTHERN AUSTRALIAN WATERS. <i>Marine Mammal Science</i> , 2002 , 18, 622-643	1.9	25
163	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	0.6	24
162	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	10.2	24
161	Foraging while breeding: alternative mating strategies by male Weddell seals?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2007 , 17, S68-S78	2.6	24

160	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	2	24
159	Effects of physiological state on duration of sedation in southern elephant seals. <i>Journal of Wildlife Diseases</i> , 1989 , 25, 586-90	1.3	24
158	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	3.3	23
157	Big data analyses reveal patterns and drivers of the movements of southern elephant seals. <i>Scientific Reports</i> , 2017 , 7, 112	4.9	23
156	Diet estimation based on an integrated mixed prey feeding experiment using <i>Arctocephalus</i> seals. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006 , 328, 228-239	2.1	23
155	Energy content of mesopelagic fish from Macquarie Island. <i>Antarctic Science</i> , 2002 , 14, 225-230	1.7	23
154	South for the winter? Within-dive foraging effort reveals the trade-offs between divergent foraging strategies in a free-ranging predator. <i>Functional Ecology</i> , 2016 , 30, 1623-1637	5.6	23
153	Seasonal Meandering of the Polar Front Upstream of the Kerguelen Plateau. <i>Geophysical Research Letters</i> , 2018 , 45, 9774-9781	4.9	23
152	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	10.2	22
151	Long-term breeding phenology shift in royal penguins. <i>Ecology and Evolution</i> , 2012 , 2, 1563-71	2.8	22
150	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, 239-48	1.7	22
149	Activity patterns, movements and burrows of platypuses (<i>Ornithorhynchus anatinus</i>) in a sub-alpine Tasmanian lake. <i>Australian Journal of Zoology</i> , 2000 , 48, 701	0.5	22
148	Pre-partum diet of adult female bearded seals in years of contrasting ice conditions. <i>PLoS ONE</i> , 2012 , 7, e38307	3.7	22
147	At-sea distribution and habitat use in king penguins at sub-Antarctic Marion Island. <i>Ecology and Evolution</i> , 2017 , 7, 3894-3903	2.8	21
146	Winter habitat predictions of a key Southern Ocean predator, the Antarctic fur seal (<i>Arctocephalus gazella</i>). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 140, 171-181	2.3	21
145	Re-examining mortality sources and population trends in a declining seabird: using Bayesian methods to incorporate existing information and new data. <i>PLoS ONE</i> , 2013 , 8, e58230	3.7	21
144	Temporal variation in the vertical stratification of blubber fatty acids alters diet predictions for lactating Weddell seals. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007 , 352, 103-113	2.1	21
143	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	2.7	21

142	Seasonal use of oceanographic and fisheries management zones by juvenile southern elephant seals (<i>Mirounga leonina</i>) from Macquarie Island. <i>Polar Biology</i> , 2004 , 27, 432-440	2	21
141	The Diet of the Royal Penguin <i>Eudyptes schlegeli</i> at Macquarie Island. <i>Emu</i> , 1988 , 88, 219-226	1.1	21
140	Upper ocean stratification and sea ice growth rates during the summer-fall transition, as revealed by Elephant seal foraging in the Adlie Depression, East Antarctica. <i>Ocean Science</i> , 2011 , 7, 185-202	4	21
139	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	2.1	20
138	Twinning in southern elephant seals: the implications of resource allocation by mothers. <i>Wildlife Research</i> , 2003 , 30, 35	1.8	20
137	Remote sensing of Southern Ocean sea surface temperature: implications for marine biophysical models. <i>Remote Sensing of Environment</i> , 2003 , 84, 161-173	13.2	20
136	Vocal traits of hybrid fur seals: intermediate to their parental species. <i>Animal Behaviour</i> , 2001 , 61, 959-967	2.8	20
135	Testing optimal foraging theory models on benthic divers. <i>Animal Behaviour</i> , 2016 , 112, 127-138	2.8	19
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133	SUCCESSFUL USE OF A TRANSLOCATION PROGRAM TO INVESTIGATE DIVING BEHAVIOR IN A MALE AUSTRALIAN FUR SEAL, <i>ARCTOCEPHALUS PUSILLUS DORIFERUS</i> . <i>Marine Mammal Science</i> , 1997 , 13, 219-228	1.9	19
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