Mark A Hindell

List of Publications by Year in Descending Order

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	Sex, body size, and boldness shape the seasonal foraging habitat selection in southern elephant seals.. *Ecology and Evolution*, **2022**, 12, e8457	2.8	0
284	Elephant seal foraging success is enhanced in Antarctic coastal polynyas.. *Proceedings of the Royal Society B: Biological Sciences*, **2022**, 289, 20212452	4.4	
283	The role of allochrony in influencing interspecific differences in foraging distribution during the non-breeding season between two congeneric crested penguin species.. *PLoS ONE*, **2022**, 17, e0262901	3.7	0
282	Climate change impacts on seabirds and marine mammals: The importance of study duration, thermal tolerance and generation time. *Ecology Letters*, **2022**, 25, 218-239	10	3
281	The Elephant Seal: Linking Phenotypic Variation with Behavior and Fitness in a Sexually Dimorphic Phocid. *Ethology and Behavioral Ecology of Marine Mammals*, **2022**, 401-440	1.6	1
280	Influence of environmental variation on spatial distribution and habitat-use in a benthic foraging marine predator. *Royal Society Open Science*, **2021**, 8, 211052	3.3	2
279	Intertrip consistency in hunting behavior improves foraging success and efficiency in a marine top predator. *Ecology and Evolution*, **2021**, 11, 4428-4441	2.8	2
278	A standardisation framework for bio-logging data to advance ecological research and conservation. *Methods in Ecology and Evolution*, **2021**, 12, 996-1007	7.7	15
277	Inter-annual and inter-colony variability in breeding performance of four colonies of short-tailed shearwaters. *Journal of Experimental Marine Biology and Ecology*, **2021**, 537, 151498	2.1	2
276	Predicting the distribution of foraging seabirds during a period of heightened environmental variability. *Ecological Applications*, **2021**, 31, e02343	4.9	4
275	Modeling Antarctic Krill Circumpolar Spawning Habitat Quality to Identify Regions With Potential to Support High Larval Production. *Geophysical Research Letters*, **2021**, 48, e2020GL091206	4.9	1
274	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	3.3	0
273	Acoustics and photo-identification provide new insights on killer whale presence and movements when interacting with longline fisheries in South East Australia. *Fisheries Research*, **2021**, 233, 105748	2.3	3
272	Ontogenetic niche partitioning in southern elephant seals from Argentine Patagonia. *Marine Mammal Science*, **2021**, 37, 631-651	1.9	2
271	When large marine predators feed on fisheries catches: Global patterns of the depredation conflict and directions for coexistence. *Fish and Fisheries*, **2021**, 22, 31-53	6	12
270	Shelf–oceanic dynamics of surface environmental parameters in the Kangaroo Island–Bonney Coast region. *Marine and Freshwater Research*, **2021**, 72, 679	2.2	
269	Inter- and intrasex habitat partitioning in the highly dimorphic southern elephant seal. *Ecology and Evolution*, **2021**, 11, 1620-1633	2.8	6

268	Climate influences on female survival in a declining population of southern elephant seals (). *Ecology and Evolution*, **2021**, 11, 11333-11344	2.8	1
267	A prediction and imputation method for marine animal movement data. *PeerJ Computer Science*, **2021**, 7, e656	2.7	0
266	Regional Variation in Winter Foraging Strategies by Weddell Seals in Eastern Antarctica and the Ross Sea. *Frontiers in Marine Science*, **2021**, 8,	4.5	2
265	Physical changes recorded by a deep diving seal on the Patagonian slope drive large ecological changes. *Journal of Marine Systems*, **2021**, 223, 103612	2.7	1
264	The cost of a meal: factors influencing prey profitability in Australian fur seals.. *PeerJ*, **2021**, 9, e12608	3.1	0
263	Inferring Variation in Southern Elephant Seal At-Sea Mortality by Modelling Tag Failure. *Frontiers in Marine Science*, **2020**, 7,	4.5	7
262	Introduced species and extreme weather as key drivers of reproductive output in three sympatric albatrosses. *Scientific Reports*, **2020**, 10, 8199	4.9	7
261	Environmental drivers of oceanic foraging site fidelity in central place foragers. *Marine Biology*, **2020**, 167, 1	2.5	2
260	Tracking of marine predators to protect Southern Ocean ecosystems. *Nature*, **2020**, 580, 87-92	50.4	83
259	The retrospective analysis of Antarctic tracking data project. *Scientific Data*, **2020**, 7, 94	8.2	14
258	Assessing the impact of toothed whale depredation on socio-ecosystems and fishery management in wide-ranging subantarctic fisheries. *Reviews in Fish Biology and Fisheries*, **2020**, 30, 203-217	6	15
257	Defining Southern Ocean fronts and their influence on biological and physical processes in a changing climate. *Nature Climate Change*, **2020**, 10, 209-219	21.4	38
256	Disentangling the influence of taxa, behaviour and debris ingestion on seabird mortality. *Environmental Research Letters*, **2020**, 15, 124071	6.2	2
255	Environmental influences on foraging effort, success and efficiency in female Australian fur seals. *Scientific Reports*, **2020**, 10, 17710	4.9	7
254	Modelled mid-trophic pelagic prey fields improve understanding of marine predator foraging behaviour. *Ecography*, **2020**, 43, 1014-1026	6.5	10
253	Southern Ocean isoscapes derived from a wide-ranging circumpolar marine predator, the Antarctic fur seal. *Ecological Indicators*, **2020**, 118, 106694	5.8	2
252	Plastic, nutrition and pollution; relationships between ingested plastic and metal concentrations in the livers of two Pachyptila seabirds. *Scientific Reports*, **2020**, 10, 18023	4.9	10
251	Decadal changes in blood 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	4.4	2

250	A continuous-time state-space model for rapid quality control of argos locations from animal-borne tags. *Movement Ecology*, **2020**, 8, 31	4.6	29
249	Isotopic insights into mesopelagic niche space and energy pathways on the southern Kerguelen Plateau. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2020**, 174, 104657	2.3	2
248	Habitat utilization of a mesopredator linked to lower sea-surface temperatures & prey abundance in a region of rapid warming. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2020**, 175, 104634	2.3	4
247	Preferred, small-scale foraging areas of two Southern Ocean fur seal species are not determined by habitat characteristics. *BMC Ecology*, **2019**, 19, 36	2.7	7
246	Overhauling Ocean Spatial Planning to Improve Marine Megafauna Conservation. *Frontiers in Marine Science*, **2019**, 6,	4.5	25
245	Size of marine debris items ingested and retained by petrels. *Marine Pollution Bulletin*, **2019**, 142, 569-576	6.7	9
244	Is plastic ingestion in birds as toxic as we think? Insights from a plastic feeding experiment. *Science of the Total Environment*, **2019**, 665, 660-667	10.2	22
243	Ecological drivers of marine debris ingestion in Procellariiform Seabirds. *Scientific Reports*, **2019**, 9, 916	4.9	30
242	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. *Frontiers in Marine Science*, **2019**, 6,	4.5	60
241	Deep Learning Resolves Representative Movement Patterns in a Marine Predator Species. *Applied Sciences (Switzerland)*, **2019**, 9, 2935	2.6	1
240	A quantitative, hierarchical approach for detecting drift dives and tracking buoyancy changes in southern elephant seals. *Scientific Reports*, **2019**, 9, 8936	4.9	7
239	Best practice recommendations for the use of external telemetry devices on pinnipeds. *Animal Biotelemetry*, **2019**, 7,	2.8	12
238	Foraging Strategies of Female Elephant Seals from Península Valdés, Patagonia, Inferred from Whisker Stable Isotope Signatures of Their Pups. *Aquatic Mammals*, **2019**, 45, 1-13	3.1	3
237	Influence of shelf oceanographic variability on alternate foraging strategies in long-nosed fur seals. *Marine Ecology - Progress Series*, **2019**, 615, 189-204	2.6	6
236	Variability in at-sea foraging behaviour of little penguins Eudyptula minor in response to finescale environmental features. *Marine Ecology - Progress Series*, **2019**, 627, 141-154	2.6	5
235	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	2.6	1
234	Commercial fishing patterns influence odontocete whale-longline interactions in the Southern Ocean. *Scientific Reports*, **2019**, 9, 1904	4.9	14
233	A quantitative analysis linking seabird mortality and marine debris ingestion. *Scientific Reports*, **2019**, 9, 3202	4.9	43

232	Finding mesopelagic prey in a changing Southern Ocean. *Scientific Reports*, **2019**, 9, 19013	4.9	8
231	Age estimation in a long-lived seabird (Ardenna tenuirostris) using DNA methylation-based biomarkers. *Molecular Ecology Resources*, **2019**, 19, 411-425	8.4	19
230	Movement responses to environment: fast inference of variation among southern elephant seals with a mixed effects model. *Ecology*, **2019**, 100, e02566	4.6	52
229	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	11.5	60
228	Managing for change: Using vertebrate at sea habitat use to direct management efforts. *Ecological Indicators*, **2018**, 91, 338-349	5.8	9
227	Reply to 'Whaling catch data are not reliable for analyses of body size shifts'. *Nature Ecology and Evolution*, **2018**, 2, 757-758	12.3	
226	Ingestion of plastic by fish destined for human consumption in remote South Pacific Islands. *Australian Journal of Maritime and Ocean Affairs*, **2018**, 10, 81-97	0.6	24
225	Habitat modelling of tracking data from multiple marine predators identifies important areas in the Southern Indian Ocean. *Diversity and Distributions*, **2018**, 24, 535-550	5	53
224	Elephant Seals: Mirounga angustirostris and M. leonina **2018**, 303-307		4
223	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	4.7	28
222	Assessing the importance of net colour as a seabird bycatch mitigation measure in gillnet fishing. *Aquatic Conservation: Marine and Freshwater Ecosystems*, **2018**, 28, 175-181	2.6	6
221	Coastal polynyas: Winter oases for subadult southern elephant seals in East Antarctica. *Scientific Reports*, **2018**, 8, 3183	4.9	26
220	Modelling southern elephant seals Mirounga leonina using an individual-based model coupled with a dynamic energy budget. *PLoS ONE*, **2018**, 13, e0194950	3.7	9
219	Killer whale () interactions with blue-eye trevalla () longline fisheries. *PeerJ*, **2018**, 6, e5306	3.1	9
218	Twilight-free geolocation from noisy light data. *Methods in Ecology and Evolution*, **2018**, 9, 1190-1198	7.7	7
217	Evidence for a widely expanded humpback whale calving range along the Western Australian coast. *Marine Mammal Science*, **2018**, 34, 294-310	1.9	13
216	Predicting krill swarm characteristics important for marine predators foraging off East Antarctica. *Ecography*, **2018**, 41, 996-1012	6.5	14
215	View From Below: Inferring Behavior and Physiology of Southern Ocean Marine Predators From Dive Telemetry. *Frontiers in Marine Science*, **2018**, 5,	4.5	4

214	Seasonal Meandering of the Polar Front Upstream of the Kerguelen Plateau. *Geophysical Research Letters*, **2018**, 45, 9774-9781	4.9	23
213	Variability in sea ice cover and climate elicit sex specific responses in an Antarctic predator. *Scientific Reports*, **2017**, 7, 43236	4.9	9
212	From the forests to teeth: Visual crossdating to refine age estimates in marine mammals. *Marine Mammal Science*, **2017**, 33, 880-888	1.9	3
211	At-sea distribution and habitat use in king penguins at sub-Antarctic Marion Island. *Ecology and Evolution*, **2017**, 7, 3894-3903	2.8	21
210	Decadal changes in habitat characteristics influence population trajectories of southern elephant seals. *Global Change Biology*, **2017**, 23, 5136-5150	11.4	31
209	Beyond big fish: The case for more detailed representations of top predators in marine ecosystem models. *Ecological Modelling*, **2017**, 359, 182-192	3	15
208	Body size shifts and early warning signals precede the historic collapse of whale stocks. *Nature Ecology and Evolution*, **2017**, 1, 188	12.3	33
207	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	3.8	11
206	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	3.3	23
205	Contrasting behavior between two populations of an ice-obligate predator in East Antarctica. *Ecology and Evolution*, **2017**, 7, 606-618	2.8	15
204	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	3.7	4
203	Ocean Observations Using Tagged Animals. *Oceanography*, **2017**, 30, 139-139	2.3	16
202	Bio-physical characterisation of polynyas as a key foraging habitat for juvenile male southern elephant seals (Mirounga leonina) in Prydz Bay, East Antarctica. *PLoS ONE*, **2017**, 12, e0184536	3.7	11
201	Marine Mammals Exploring the Oceans Pole to Pole: A Review of the MEOP Consortium. *Oceanography*, **2017**, 30, 132-138	2.3	80
200	Big data analyses reveal patterns and drivers of the movements of southern elephant seals. *Scientific Reports*, **2017**, 7, 112	4.9	23
199	Winter habitat predictions of a key Southern Ocean predator, the Antarctic fur seal (Arctocephalus gazella). *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 140, 171-181	2.3	21
198	Seal mothers expend more on offspring under favourable conditions and less when resources are limited. *Journal of Animal Ecology*, **2017**, 86, 359-370	4.7	43
197	Measuring Animal Age with DNA Methylation: From Humans to Wild Animals. *Frontiers in Genetics*, **2017**, 8, 106	4.5	41

196	It's a girl! A female southern elephant seal born in Western Australia. *Australian Journal of Zoology*, **2017**, 65, 179	0.5	0
195	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 leonina). *PLoS ONE*, **2017**, 12, e0173427	3.7	10
194	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	2.6	5
193	Marine predators and phytoplankton: how elephant seals use the recurrent Kerguelen plume. *Marine Ecology - Progress Series*, **2017**, 581, 215-227	2.6	8
192	From video recordings to whisker stable isotopes: a critical evaluation of timescale in assessing individual foraging specialisation in Australian fur seals. *Oecologia*, **2016**, 180, 657-70	2.9	39
191	The suppression of Antarctic bottom water formation by melting ice shelves in Prydz Bay. *Nature Communications*, **2016**, 7, 12577	17.4	78
190	Putting the behavior into animal movement modeling: Improved activity budgets from use of ancillary tag information. *Ecology and Evolution*, **2016**, 6, 8243-8255	2.8	7
189	Contrasting responses to a climate regime change by sympatric, ice-dependent predators. *BMC Evolutionary Biology*, **2016**, 16, 61	3	13
188	Testing optimal foraging theory models on benthic divers. *Animal Behaviour*, **2016**, 112, 127-138	2.8	19
187	Assessing the utility of two- and three-dimensional behavioural metrics in habitat usage models. *Marine Ecology - Progress Series*, **2016**, 562, 181-192	2.6	6
186	Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories. *Ecosphere*, **2016**, 7, e01213	3.1	94
185	Dive characteristics can predict foraging success in Australian fur seals (Arctocephalus pusillus doriferus) as validated by animal-borne video. *Biology Open*, **2016**, 5, 262-71	2.2	10
184	South for the winter? Within-dive foraging effort reveals the trade-offs between divergent foraging strategies in a free-ranging predator. *Functional Ecology*, **2016**, 30, 1623-1637	5.6	23
183	Marine Telemetry and the Conservation and Management of Risk to Seal Species in Canada and Australia. *Ocean Development and International Law*, **2016**, 47, 255-271	1	2
182	Nesting ecology of hawksbill turtles at a rookery of international significance in Australia's Northern Territory. *Wildlife Research*, **2016**, 43, 461	1.8	2
181	High-resolution movements of critically endangered hawksbill turtles help elucidate conservation requirements in northern Australia. *Marine and Freshwater Research*, **2016**, 67, 1263	2.2	5
180	Developing priority variables ("ecosystem Essential Ocean Variables"—eEOVs) for observing dynamics and change in Southern Ocean ecosystems. *Journal of Marine Systems*, **2016**, 161, 26-41	2.7	72
179	Developments in Tagging Technology and Their Contributions to the Protection of Marine Species at Risk. *Ocean Development and International Law*, **2016**, 47, 221-232	1	9

178	Foraging distribution overlap and marine reserve usage amongst sub-Antarctic predators inferred from a multi-species satellite tagging experiment. *Ecological Indicators*, **2016**, 70, 531-544	5.8	12
177	Important marine habitat off east Antarctica revealed by two decades of multi-species predator tracking. *Ecography*, **2015**, 38, 121-129	6.5	106
176	Taking animal tracking to new depths: synthesizing horizontal--vertical movement relationships for four marine predators. *Ecology*, **2015**, 96, 417-27	4.6	57
175	Flexible foraging behaviour in a marine predator, the Masked booby (Sula dactylatra), according to foraging locations and environmental conditions. *Journal of Experimental Marine Biology and Ecology*, **2015**, 463, 79-86	2.1	20
174	New insights into the cardiorespiratory physiology of weaned southern elephant seals (Mirounga leonina) **2015**, 3, cov049		
173	From high-resolution to low-resolution dive datasets: a new index to quantify the foraging effort of marine predators. *Animal Biotelemetry*, **2015**, 3,	2.8	15
172	The effects of body size and climate on post-weaning survival of elephant seals at Heard Island. *Journal of Zoology*, **2015**, 297, 301-308	2	9
171	Foraging strategy switch of a top marine predator according to seasonal resource differences. *Frontiers in Marine Science*, **2015**, 2,	4.5	11
170	Use of Anthropogenic Sea Floor Structures by Australian Fur Seals: Potential Positive Ecological Impacts of Marine Industrial Development?. *PLoS ONE*, **2015**, 10, e0130581	3.7	29
169	Weathering a Dynamic Seascape: Influences of Wind and Rain on a Seabird's Year-Round Activity Budgets. *PLoS ONE*, **2015**, 10, e0142623	3.7	11
168	Winter use of sea ice and ocean water mass habitat by southern elephant seals: The length and breadth of the mystery. *Progress in Oceanography*, **2015**, 137, 52-68	3.8	32
167	Finding our way: On the sharing and reuse of animal telemetry data in Australasia. *Science of the Total Environment*, **2015**, 534, 79-84	10.2	24
166	Return customers: foraging site fidelity and the effect of environmental variability in wide-ranging antarctic fur seals. *PLoS ONE*, **2015**, 10, e0120888	3.7	52
165	Antarctic Bottom Water production from the Vincennes Bay Polynya, East Antarctica. *Geophysical Research Letters*, **2014**, 41, 3528-3534	4.9	28
164	Age-specific cost of first reproduction in female southern elephant seals. *Biology Letters*, **2014**, 10, 20140264	3.2	39
163	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. *Global Change Biology*, **2014**, 20, 3004-25	11.4	319
162	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	2.1	17
161	A Southern Indian Ocean database of hydrographic profiles obtained with instrumented elephant seals. *Scientific Data*, **2014**, 1, 140028	8.2	81

160	Spatially explicit estimates of prey consumption reveal a new krill predator in the Southern Ocean. *PLoS ONE*, **2014**, 9, e86452	3.7	39
159	Estimating trans-seasonal variability in water column biomass for a highly migratory, deep diving predator. *PLoS ONE*, **2014**, 9, e113171	3.7	5
158	Satellites, the all-seeing eyes in the sky: counting elephant seals from space. *PLoS ONE*, **2014**, 9, e92613	3.7	45
157	Bottom-up regulation of a pole-ward migratory predator population. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, 20132842	4.4	27
156	A new method to quantify within dive foraging behaviour in marine predators. *PLoS ONE*, **2014**, 9, e99329	3.7	33
155	Using short-term measures of behaviour to estimate long-term fitness of southern elephant seals. *Marine Ecology - Progress Series*, **2014**, 496, 99-108	2.6	122
154	Foraging behaviour of southern elephant seals over the Kerguelen Plateau. *Marine Ecology - Progress Series*, **2014**, 502, 281-294	2.6	13
153	Behavioral responses of New Zealand fur seals (Arctophoca australis forsteri) to darting and the effectiveness of midazolam and tiletamine-zolazepam for remote chemical immobilization. *Marine Mammal Science*, **2013**, 29, 241-260	1.9	9
152	Environmental influences on tooth growth in sperm whales from southern Australia. *Journal of Experimental Marine Biology and Ecology*, **2013**, 446, 236-244	2.1	8
151	The individual counts: within sex differences in foraging strategies are as important as sex-specific differences in masked boobies Sula dactylatra. *Journal of Avian Biology*, **2013**, 44, 531-540	1.9	25
150	Nonbreeding distribution of flesh-footed shearwaters and the potential for overlap with north Pacific fisheries. *Biological Conservation*, **2013**, 166, 3-10	6.2	15
149	Depletion of deep marine food patches forces divers to give up early. *Journal of Animal Ecology*, **2013**, 82, 72-83	4.7	45
148	Animal welfare and conservation, the debate we must have: A response to Draper and Bekoff (2012). *Biological Conservation*, **2013**, 158, 424	6.2	3
147	Antarctic Bottom Water production by intense sea-ice formation in the Cape Darnley polynya. *Nature Geoscience*, **2013**, 6, 235-240	18.3	190
146	Identifying foraging events in deep diving southern elephant seals, Mirounga leonina, using acceleration data loggers. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2013**, 88-89, 14-22	2.3	52
145	Ecology of Weddell seals during winter: Influence of environmental parameters on their foraging behaviour. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2013**, 88-89, 23-33	2.3	42
144	Foraging habitats of southern elephant seals, Mirounga leonina, from the Northern Antarctic Peninsula. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2013**, 88-89, 47-60	2.3	26
143	Integrative modelling of animal movement: incorporating in situ habitat and behavioural information for a migratory marine predator. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20122262	4.4	86

142	Stranded dolphin stomach contents represent the free-ranging population's diet. *Biology Letters*, **2013**, 9, 20121036	3.6	33
141	Estimating resource acquisition and at-sea body condition of a marine predator. *Journal of Animal Ecology*, **2013**, 82, 1300-15	4.7	36
140	Known unknowns in an imperfect world: incorporating uncertainty in recruitment estimates using multi-event capture-recapture models. *Ecology and Evolution*, **2013**, 3, 4658-68	2.8	17
139	Estimates of the Southern Ocean general circulation improved by animal-borne instruments. *Geophysical Research Letters*, **2013**, 40, 6176-6180	4.9	93
138	Re-examining mortality sources and population trends in a declining seabird: using Bayesian methods to incorporate existing information and new data. *PLoS ONE*, **2013**, 8, e58230	3.7	21
137	Foraging parameters influencing the detection and interpretation of area-restricted search behaviour in marine predators: a case study with the masked booby. *PLoS ONE*, **2013**, 8, e63742	3.7	25
136	Environmental determinants of the at-sea distribution of encounters between flesh-footed shearwaters Puffinus carniepes and fishing vessels. *Marine Ecology - Progress Series*, **2012**, 447, 231-242	2.6	19
135	Animal welfare and decision making in wildlife research. *Biological Conservation*, **2012**, 153, 254-256	6.2	29
134	Long-term breeding phenology shift in royal penguins. *Ecology and Evolution*, **2012**, 2, 1563-71	2.8	22
133	Refining instrument attachment on phocid seals. *Marine Mammal Science*, **2012**, 28, E325-E332	1.9	33
132	The effect of investigator disturbance on egg laying, chick survival and fledging mass of short-tailed shearwaters (Puffinus tenuirostris) and little penguins (Eudyptula minor). *Animal Welfare*, **2012**, 21, 101-111	2.9	10
131	Publish or perish: why it's important to publicise how, and if, research activities affect animals. *Wildlife Research*, **2012**, 39, 375	1.8	28
130	The implications of assuming independent tag loss in southern elephant seals. *Ecosphere*, **2012**, 3, art81	3.1	13
129	Pre-partum diet of adult female bearded seals in years of contrasting ice conditions. *PLoS ONE*, **2012**, 7, e38307	3.7	22
128	Enhancing the use of Argos satellite data for home range and long distance migration studies of marine animals. *PLoS ONE*, **2012**, 7, e40713	3.7	51
127	In situ measures of foraging success and prey encounter reveal marine habitat-dependent search strategies. *Ecology*, **2011**, 92, 1258-70	4.6	79
126	Telomeres as age markers in vertebrate molecular ecology. *Molecular Ecology Resources*, **2011**, 11, 225-38	3.4	32
125	Diet of juvenile southern elephant seals reappraised by stable isotopes in whiskers. *Marine Ecology - Progress Series*, **2011**, 424, 247-258	2.6	37

124	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. *Ocean Science*, **2011**, 7, 185-202	4	21
123	The influence of diet on foraging habitat models: a case study using nursing Antarctic fur seals. *Ecography*, **2010**, 33, 748-759	6.5	10
122	Shearwater foraging in the Southern Ocean: the roles of prey availability and winds. *PLoS ONE*, **2010**, 5, e10960	3.7	45
121	Using GPS data to evaluate the accuracy of state-space methods for correction of Argos satellite telemetry error. *Ecology*, **2010**, 91, 273-85	4.6	79
120	Predicting feeding success in a migratory predator: integrating telemetry, environment, and modeling techniques. *Ecology*, **2010**, 91, 2373-84	4.6	52
119	Provisioning in Flesh-Footed Shearwaters (Puffinus carneipes): Plastic Foraging Behavior and the Implications for Increased Fishery InteractionsAprovisionamiento en Puffinus carneipes: Comportamiento de Forrajeo Plstico e Implicaciones para las Crecientes Interacciones con Pesquerías. *Auk*, **2010**, 127, 140-150	2.1	2
118	Effects of capture stress on free-ranging, reproductively active male Weddell seals. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, **2010**, 196, 147-54	2.3	34
117	Factors influencing the winter haulout behaviour of Weddell seals: consequences for satellite telemetry. *Endangered Species Research*, **2010**, 10, 83-92	2.5	19
116	Longline Fisheries and Foraging Distribution of Flesh-Footed Shearwaters in Eastern Australia. *Journal of Wildlife Management*, **2009**, 73, 399-406	1.9	18
115	Shifting trends: detecting environmentally mediated regulation in long-lived marine vertebrates using time-series data. *Oecologia*, **2009**, 159, 69-82	2.9	35
114	Temporal variation in Adlie penguin diet at Bhervaise Island, east Antarctica and its relationship to reproductive performance. *Marine Biology*, **2009**, 156, 1633-1645	2.5	18
113	Plasticity in vertical behaviour of migrating juvenile southern bluefin tuna (Thunnus maccoyii) in relation to oceanography of the south Indian Ocean. *Fisheries Oceanography*, **2009**, 18, 237-254	2.4	29
112	Breeding Sites **2009**, 156-158		3
111	Elephant Seals **2009**, 364-368		7
110	Bayesian estimation of animal movement from archival and satellite tags. *PLoS ONE*, **2009**, 4, e7324	3.7	111
109	Blubber fatty acid profiles indicate dietary resource partitioning between adult and juvenile southern elephant seals. *Marine Ecology - Progress Series*, **2009**, 384, 303-312	2.6	44
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