

Daniel Costa

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432
papers

20,256
citations

77
h-index

117
g-index

456
ext. papers

23,653
ext. citations

4.4
avg, IF

6.68
L-index

#	Paper	IF	Citations
432	Tracking apex marine predator movements in a dynamic ocean. <i>Nature</i> , 2011 , 475, 86-90	50.4	823
431	Migratory shearwaters integrate oceanic resources across the Pacific Ocean in an endless summer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 12799-802	11.5	353
430	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
429	Key Questions in Marine Megafauna Movement Ecology. <i>Trends in Ecology and Evolution</i> , 2016 , 31, 463-475	15.9	292
428	Predicted habitat shifts of Pacific top predators in a changing climate. <i>Nature Climate Change</i> , 2013 , 3, 234-238	21.4	288
427	Fast and fuel efficient? Optimal use of wind by flying albatrosses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 1869-74	4.4	259
426	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
425	FORAGING ECOLOGY OF NORTHERN ELEPHANT SEALS. <i>Ecological Monographs</i> , 2000 , 70, 353-382	9	246
424	Dynamic ocean management: Defining and conceptualizing real-time management of the ocean. <i>Marine Policy</i> , 2015 , 58, 42-50	3.5	239
423	Continuous, deep diving in female northern elephant seals, <i>Mirounga angustirostris</i> . <i>Canadian Journal of Zoology</i> , 1988 , 66, 446-458	1.5	236
422	Whales as marine ecosystem engineers. <i>Frontiers in Ecology and the Environment</i> , 2014 , 12, 377-385	5.5	211
421	The evolution of maximum body size of terrestrial mammals. <i>Science</i> , 2010 , 330, 1216-9	33.3	200
420	The energetics of lactation in the Northern elephant seal, <i>Mirounga angustirostris</i> . <i>Journal of Zoology</i> , 1986 , 209, 21-33	2	191
419	Water and Energy Flux in Elephant Seal Pups Fasting under Natural Conditions. <i>Physiological Zoology</i> , 1978 , 51, 166-178		190
418	Drivers and hotspots of extinction risk in marine mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3395-400	11.5	188
417	Accuracy of ARGOS locations of Pinnipeds at-sea estimated using Fastloc GPS. <i>PLoS ONE</i> , 2010 , 5, e86773	3.7	173
416	Foraging behavior and success of a mesopelagic predator in the northeast Pacific Ocean: insights from a data-rich species, the northern elephant seal. <i>PLoS ONE</i> , 2012 , 7, e36728	3.7	166

415	Cumulative human impacts on marine predators. <i>Nature Communications</i> , 2013 , 4, 2688	17.4	165
414	Behavioural estimation of blue whale movements in the Northeast Pacific from state-space model analysis of satellite tracks. <i>Endangered Species Research</i> , 2009 , 10, 93-106	2.5	164
413	A dynamic ocean management tool to reduce bycatch and support sustainable fisheries. <i>Science Advances</i> , 2018 , 4, eaar3001	14.3	160
412	Drift diving in female northern elephant seals: implications for food processing. <i>Canadian Journal of Zoology</i> , 1997 , 75, 27-39	1.5	147
411	ENERGETICS OF A BENTHIC DIVER: SEASONAL FORAGING ECOLOGY OF THE AUSTRALIAN SEA LION, NEOPHOCA CINEREA. <i>Ecological Monographs</i> , 2003 , 73, 27-43	9	147
410	New Insights into Pelagic Migrations: Implications for Ecology and Conservation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012 , 43, 73-96	13.5	143
409	Foraging Energetics of Antarctic Fur Seals in Relation to Changes in Prey Availability. <i>Ecology</i> , 1989 , 70, 596-606	4.6	143
408	MATERNAL TRAITS AND REPRODUCTIVE EFFORT IN NORTHERN ELEPHANT SEALS. <i>Ecology</i> , 2001 , 82, 3541-3555	4.6	135
407	Diving depths and energy requirements of king penguins. <i>Science</i> , 1982 , 217, 726-7	33.3	134
406	Translating Marine Animal Tracking Data into Conservation Policy and Management. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 459-473	10.9	132
405	Reproductive and Foraging Energetics of High Latitude Penguins, Albatrosses and Pinnipeds: Implications for Life History Patterns. <i>American Zoologist</i> , 1991 , 31, 111-130		127
404	Functional significance of sexual dimorphism in Wandering Albatrosses, <i>Diomedea exulans</i> . <i>Functional Ecology</i> , 2001 , 15, 203-210	5.6	126
403	Heart rates of northern elephant seals diving at sea and resting on the beach.. <i>Journal of Experimental Biology</i> , 1997 , 200, 2083-2095	3	126
402	Oxygen consumption, thermoregulation, and the effect of fur oiling and washing on the sea otter, <i>Enhydra lutris</i> . <i>Canadian Journal of Zoology</i> , 1982 , 60, 2761-2767	1.5	124
401	Field physiology: physiological insights from animals in nature. <i>Annual Review of Physiology</i> , 2004 , 66, 209-38	23.1	122
400	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
399	Unravelling the mysteries of a mesopelagic diet: a large apex predator specializes on small prey. <i>Functional Ecology</i> , 2013 , 27, 710-717	5.6	119
398	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

397	Interpolation of animal tracking data in a fluid environment. <i>Journal of Experimental Biology</i> , 2006 , 209, 128-40	3	119
396	Effects of buoyancy on the diving behavior of northern elephant seals.. <i>Journal of Experimental Biology</i> , 1998 , 201, 2349-2358	3	119
395	Stroke frequency, but not swimming speed, is related to body size in free-ranging seabirds, pinnipeds and cetaceans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007 , 274, 471-7	4.4	117
394	The soundscape of the Anthropocene ocean. <i>Science</i> , 2021 , 371,	33.3	113
393	Extreme hypoxemic tolerance and blood oxygen depletion in diving elephant seals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 297, R927-39	3.2	107
392	Moult energetics of the northern elephant seal (<i>Mirounga angustirostris</i>). <i>Journal of Zoology</i> , 1992 , 227, 257-265	2	106
391	Aerobic dive limit: how often does it occur in nature?. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001 , 129, 771-83	2.6	102
390	Comparison of light- and SST-based geolocation with satellite telemetry in free-ranging albatrosses. <i>Marine Biology</i> , 2005 , 147, 833-843	2.5	101
389	Using satellite tracking to optimize protection of long-lived marine species: olive ridley sea turtle conservation in Central Africa. <i>PLoS ONE</i> , 2011 , 6, e19905	3.7	101
388	Approaches to studying climatic change and its role on the habitat selection of antarctic pinnipeds. <i>Integrative and Comparative Biology</i> , 2010 , 50, 1018-30	2.8	100
387	Hawaiian albatrosses track interannual variability of marine habitats in the North Pacific. <i>Progress in Oceanography</i> , 2010 , 86, 246-260	3.8	100
386	Biologging technologies: new tools for conservation. Introduction. <i>Endangered Species Research</i> , 2010 , 10, 1-7	2.5	100
385	Changes in Standard Metabolism during Long-Term Fasting in Northern Elephant Seal Pups (<i>Mirounga angustirostris</i>). <i>Physiological Zoology</i> , 1992 , 65, 97-111		97
384	Multiple foraging strategies in a marine apex predator, the Galapagos sea lion <i>Zalophus wollebaeki</i> . <i>Marine Ecology - Progress Series</i> , 2008 , 363, 299-309	2.6	95
383	Understanding the population consequences of disturbance. <i>Ecology and Evolution</i> , 2018 , 8, 9934-9946	2.8	95
382	Swim speed in a female northern elephant seal: metabolic and foraging implications. <i>Canadian Journal of Zoology</i> , 1992 , 70, 786-795	1.5	94
381	Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories. <i>Ecosphere</i> , 2016 , 7, e01213	3.1	94
380	Estimates of the Southern Ocean general circulation improved by animal-borne instruments. <i>Geophysical Research Letters</i> , 2013 , 40, 6176-6180	4.9	93

379	Maneuverability by the sea lion <i>Zalophus californianus</i> : turning performance of an unstable body design. <i>Journal of Experimental Biology</i> , 2003 , 206, 667-74	3	92
378	When does physiology limit the foraging behaviour of freely diving mammals?. <i>International Congress Series</i> , 2004 , 1275, 359-366		92
377	Diving behavior of juvenile northern elephant seals. <i>Canadian Journal of Zoology</i> , 1996 , 74, 1632-1644	1.5	92
376	Foraging effort in relation to the constraints of reproduction in free-ranging albatrosses. <i>Functional Ecology</i> , 2003 , 17, 66-74	5.6	91
375	Contribution of Specific Dynamic Action to Heat Balance and Thermoregulation in the Sea Otter <i>Enhydra lutris</i> . <i>Physiological Zoology</i> , 1984 , 57, 199-203		91
374	Three-dimensional resting behaviour of northern elephant seals: drifting like a falling leaf. <i>Biology Letters</i> , 2010 , 6, 163-6	3.6	90
373	Stable isotope analyses reveal individual variability in the trophic ecology of a top marine predator, the southern elephant seal. <i>Oecologia</i> , 2012 , 169, 395-406	2.9	89
372	Species- and sex-specific differences in foraging behaviour and foraging zones in blue-footed and brown boobies in the Gulf of California. <i>Marine Ecology - Progress Series</i> , 2009 , 391, 267-278	2.6	88
371	A programmable acoustic recording tag and first results from free-ranging northern elephant seals. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1998 , 45, 1327-1351	2.3	87
370	Impact of El Niño on the foraging behavior of female northern elephant seals. <i>Marine Ecology - Progress Series</i> , 2006 , 309, 1-10	2.6	86
369	Maternal energy investment in elephant seal pups: evidence for sexual equality?. <i>American Naturalist</i> , 1993 , 141, 466-80	3.7	85
368	Ecological niche modeling of sympatric krill predators around Marguerite Bay, Western Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011 , 58, 1729-1740	2.3	84
367	Separation of foraging habitat among breeding sites of a colonial marine predator, the northern fur seal (<i>Callorhinus ursinus</i>). <i>Canadian Journal of Zoology</i> , 2004 , 82, 20-29	1.5	84
366	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020 , 580, 87-92	50.4	83
365	The maximum rate of mammal evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4187-90	11.5	83
364	Heart rates of northern elephant seals diving at sea and resting on the beach. <i>Journal of Experimental Biology</i> , 1997 , 200, 2083-95	3	82
363	Onboard acoustic recording from diving northern elephant seals. <i>Journal of the Acoustical Society of America</i> , 1996 , 100, 2531-9	2.2	81
362	Marine Mammals Exploring the Oceans Pole to Pole: A Review of the MEOP Consortium. <i>Oceanography</i> , 2017 , 30, 132-138	2.3	80

361	High-energy, high-fat lifestyle challenges an Arctic apex predator, the polar bear. <i>Science</i> , 2018 , 359, 568-572	33.3	79
360	Autonomous Pinniped Environmental Samplers: Using Instrumented Animals as Oceanographic Data Collectors. <i>Journal of Atmospheric and Oceanic Technology</i> , 2001 , 18, 1882-1893	2	79
359	Effects of buoyancy on the diving behavior of northern elephant seals. <i>Journal of Experimental Biology</i> , 1998 , 201, 2349-58	3	79
358	Individual dietary specialization and dive behaviour in the California sea otter: Using archival time-depth data to detect alternative foraging strategies. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007 , 54, 330-342	2.3	78
357	Diving and swimming performance of white whales, <i>Delphinapterus leucas</i> : an assessment of plasma lactate and blood gas levels and respiratory rates.. <i>Journal of Experimental Biology</i> , 1997 , 200, 3091-3099	3	78
356	Water conservation and protein metabolism in northern elephant seal pups during the postweaning fast. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1993 , 163, 367-73	2.2	77
355	Deadly diving? Physiological and behavioural management of decompression stress in diving mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 1041-50	4.4	76
354	Relating endocrinology, physiology and behaviour using species with alternative mating strategies. <i>Functional Ecology</i> , 2007 , 21, 653-665	5.6	76
353	BEHAVIORAL AND PHYSIOLOGICAL MEASUREMENTS OF MATERNAL INVESTMENT IN THE STELLER SEA LION, <i>EUMETOPIAS JUBATUS</i> . <i>Marine Mammal Science</i> , 1988 , 4, 44-58	1.9	76
352	Total body oxygen stores and physiological diving capacity of California sea lions as a function of sex and age. <i>Journal of Experimental Biology</i> , 2007 , 210, 278-89	3	75
351	Responses of Antarctic pack-ice seals to environmental change and increasing krill fishing. <i>Biological Conservation</i> , 2012 , 149, 40-50	6.2	74
350	The shifting baseline of northern fur seal ecology in the northeast Pacific Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9709-14	11.5	74
349	Revealing pelagic habitat use: the tagging of Pacific pelagics program. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2002 , 25, 255-266		74
348	Reproductive and foraging energetics of pinnipeds: Implications for life history patterns 1991 , 300-344		73
347	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
346	Dynamic habitat models: using telemetry data to project fisheries bycatch. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 3191-200	4.4	71
345	Behavioural factors affecting foraging effort of breeding wandering albatrosses. <i>Journal of Animal Ecology</i> , 2001 , 70, 864-874	4.7	71
344	Water flux in animals: analysis of potential errors in the tritiated water method. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1980 , 238, R454-65	3.2	71

343	Milk Intake of Elephant Seal Pups: An Index of Parental Investment. <i>American Naturalist</i> , 1984 , 124, 416-422	4.7	71
342	Morphological and thermal properties of mammalian insulation: the evolutionary transition to blubber in pinnipeds. <i>Biological Journal of the Linnean Society</i> , 2012 , 107, 774-787	1.9	70
341	Measurements of foraging success in a highly pelagic marine predator, the northern elephant seal. <i>Journal of Animal Ecology</i> , 2010 , 79, 1146-56	4.7	70
340	PCBs and DDT in the serum of juvenile California sea lions: associations with vitamins A and E and thyroid hormones. <i>Environmental Pollution</i> , 2005 , 134, 323-32	9.3	70
339	Protein catabolism in suckling and fasting northern elephant seal pups (<i>Mirounga angustirostris</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2001 , 171, 635-42	2.2	70
338	Developing integrated models of Southern Ocean food webs: Including ecological complexity, accounting for uncertainty and the importance of scale. <i>Progress in Oceanography</i> , 2012 , 102, 74-92	3.8	69
337	Time to eat: measurements of feeding behaviour in a large marine predator, the northern elephant seal <i>Mirounga angustirostris</i> . <i>Journal of Animal Ecology</i> , 2009 , 78, 513-23	4.7	69
336	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
335	Protein catabolism and renal function in lactating northern elephant seals. <i>Physiological Zoology</i> , 1998 , 71, 485-91		69
334	Analytical approaches to investigating seabird-environment interactions: a review. <i>Marine Ecology - Progress Series</i> , 2009 , 391, 153-163	2.6	69
333	Northern elephant seals adjust gliding and stroking patterns with changes in buoyancy: validation of at-sea metrics of body density. <i>Journal of Experimental Biology</i> , 2011 , 214, 2973-87	3	68
332	Diving and swimming performance of white whales, <i>Delphinapterus leucas</i> : an assessment of plasma lactate and blood gas levels and respiratory rates. <i>Journal of Experimental Biology</i> , 1997 , 200, 3091-9	3	68
331	Spatiotemporal habitat use by breeding sooty shearwaters <i>Puffinus griseus</i> . <i>Marine Ecology - Progress Series</i> , 2009 , 391, 209-220	2.6	67
330	The role of body size in individual-based foraging strategies of a top marine predator. <i>Ecology</i> , 2010 , 91, 1004-15	4.6	66
329	A conceptual model of the variation in parental attendance in response to environmental fluctuation: foraging energetics of lactating sea lions and fur seals. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2007 , 17, S44-S52	2.6	66
328	Ontogeny of diving behaviour in the Australian sea lion: trials of adolescence in a late bloomer. <i>Journal of Animal Ecology</i> , 2006 , 75, 358-67	4.7	66
327	State-space methods for more completely capturing behavioral dynamics from animal tracks. <i>Ecological Modelling</i> , 2012 , 235-236, 49-58	3	65
326	Localization and visual verification of a complex minke whale vocalization. <i>Journal of the Acoustical Society of America</i> , 2001 , 109, 3038-47	2.2	65

325	Mass Changes and Metabolism during the Perinatal Fast: A Comparison between Antarctic (Arctocephalus gazella) and Galápagos Fur Seals (Arctocephalus galapagoensis). <i>Physiological Zoology</i> , 1988 , 61, 160-169		65
324	The political biogeography of migratory marine predators. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1571-1578		65
323	Condition and mass impact oxygen stores and dive duration in adult female northern elephant seals. <i>Journal of Experimental Biology</i> , 2010 , 213, 585-92	3	64
322	Variability and change in the west Antarctic Peninsula marine system: Research priorities and opportunities. <i>Progress in Oceanography</i> , 2019 , 173, 208-237	3.8	63
321	Ontogeny of oxygen stores and physiological diving capability in Australian sea lions. <i>Functional Ecology</i> , 2007 , 21, 922-935	5.6	63
320	Development of body oxygen stores in harbor seals: effects of age, mass, and body composition. <i>Physiological and Biochemical Zoology</i> , 2005 , 78, 1057-68	2	63
319	Standard metabolic rate at the surface and during trained submersions in adult California sea lions (Zalophus californianus). <i>Journal of Experimental Biology</i> , 2001 , 204, 3273-3281	3	62
318	Energy reserve utilization in northern elephant seal (Mirounga angustirostris) pups during the postweaning fast: size does matter. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2003 , 173, 443-54	2.2	61
317	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
316	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	60
315	The Secret Life of Marine Mammals: Novel Tools for Studying Their Behavior and Biology at Sea. <i>Oceanography</i> , 1993 , 6, 120-128	2.3	60
314	Fatty acid metabolism in fasting elephant seal pups. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1987 , 157, 445-9	2.2	60
313	Spatial and temporal occurrence of blue whales off the U.S. West Coast, with implications for management. <i>PLoS ONE</i> , 2014 , 9, e102959	3.7	59
312	Chapter 5. Free-Ranging Energetics of Northern Fur Seals 1986 , 79-101		59
311	Age, body mass and environmental variation shape the foraging ontogeny of Galapagos sea lions. <i>Marine Ecology - Progress Series</i> , 2012 , 453, 279-296	2.6	59
310	Effects of forced diving on the spleen and hepatic sinus in northern elephant seal pups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 9413-8	11.5	58
309	Foraging Ecology of Northern Elephant Seals. <i>Ecological Monographs</i> , 2000 , 70, 353	9	58
308	Foraging behavior of lactating South American sea lions (Otaria flavescens) and spatial/temporal resource overlap with the Uruguayan fisheries. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 88-89, 106-119	2.3	57

307	Movement and diving behavior of male California sea lion (<i>Zalophus californianus</i>) during anomalous oceanographic conditions of 2005 compared to those of 2004. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	57
306	Swimming speed and foraging strategies of New Zealand sea lions (<i>Phocarcos hookeri</i>). <i>Journal of Zoology</i> , 2001 , 254, 267-277	2	57
305	Using energetic models to investigate the survival and reproduction of beaked whales (family Ziphiidae). <i>PLoS ONE</i> , 2013 , 8, e68725	3.7	57
304	Fractal landscape method: an alternative approach to measuring area-restricted searching behavior. <i>Journal of Experimental Biology</i> , 2007 , 210, 935-45	3	56
303	The contribution of nasal countercurrent heat exchange to water balance in the northern elephant seal, <i>Mirounga angustirostris</i> . <i>Journal of Experimental Biology</i> , 1984 , 113, 447-454	3	56
302	Linking foraging behaviour of the northern elephant seal with oceanography and bathymetry at mesoscales. <i>Marine Ecology - Progress Series</i> , 2007 , 346, 265-275	2.6	56
301	Foraging energetics and diving behavior of lactating New Zealand sea lions, <i>Phocarcos hookeri</i> . <i>Journal of Experimental Biology</i> , 2000 , 203, 3655-65	3	56
300	Oceanic controls on the mass balance of Wilkins Ice Shelf, Antarctica. <i>Journal of Geophysical Research</i> , 2012 , 117,		55
299	An overview of the Southern Ocean Global Ocean Ecosystems Dynamics program. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004 , 51, 1921-1924	2.3	55
298	LONG DISTANCE OFFSHORE MOVEMENTS OF BOTTLENOSE DOLPHINS ¹ . <i>Marine Mammal Science</i> , 1999 , 15, 1098-1114	1.9	55
297	A bioenergetics model to evaluate demographic consequences of disturbance in marine mammals applied to gray whales. <i>Ecosphere</i> , 2015 , 6, art183	3.1	54
296	Morphological and thermal properties of mammalian insulation: the evolution of fur for aquatic living. <i>Biological Journal of the Linnean Society</i> , 2012 , 106, 926-939	1.9	54
295	The ontogeny of metabolic rate and thermoregulatory capabilities of northern fur seal, <i>Callorhinus ursinus</i> , pups in air and water. <i>Journal of Experimental Biology</i> , 2000 , 203, 1003-16	3	54
294	Diving deeper into individual foraging specializations of a large marine predator, the southern sea lion. <i>Oecologia</i> , 2015 , 179, 1053-65	2.9	53
293	Evolutionary theory as a tool for predicting extinction risk. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 61-5	10.9	50
292	A parsimonious approach to modeling animal movement data. <i>PLoS ONE</i> , 2009 , 4, e4711	3.7	50
291	Upper ocean variability in west Antarctic Peninsula continental shelf waters as measured using instrumented seals. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008 , 55, 323-337	2.3	49
290	Blood volume and diving ability of the New Zealand sea lion, <i>Phocarcos hookeri</i> . <i>Physiological Zoology</i> , 1998 , 71, 208-13		48

289	Two Decades of Pelagic Ecology of the Western Antarctic Peninsula. <i>Oceanography</i> , 2012 , 25, 56-67	2.3	47
288	Wind, waves, and wing loading: morphological specialization may limit range expansion of endangered albatrosses. <i>PLoS ONE</i> , 2008 , 3, e4016	3.7	47
287	Energy, Nitrogen, and Electrolyte Flux and Sea Water Drinking in the Sea Otter <i>Enhydra lutris</i> . <i>Physiological Zoology</i> , 1982 , 55, 35-44		46
286	The effects of handling and anesthetic agents on the stress response and carbohydrate metabolism in northern elephant seals. <i>PLoS ONE</i> , 2012 , 7, e38442	3.7	46
285	Shearwater foraging in the Southern Ocean: the roles of prey availability and winds. <i>PLoS ONE</i> , 2010 , 5, e10960	3.7	45
284	Pattern and depth of dives in Northern elephant seals, <i>Mirounga angustirostris</i> . <i>Journal of Zoology</i> , 2009 , 208, 1-7	2	45
283	Swimming speed and foraging strategies of northern elephant seals. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007 , 54, 369-383	2.3	45
282	Heart rate and oxygen consumption of northern elephant seals during diving in the laboratory. <i>Physiological Zoology</i> , 1998 , 71, 116-25		45
281	Methods for studying the energetics of freely diving animals. <i>Canadian Journal of Zoology</i> , 1988 , 66, 45-52		45
280	State-space framework for estimating measurement error from double-tagging telemetry experiments. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 291-302	7.7	44
279	Suite of simple metrics reveals common movement syndromes across vertebrate taxa. <i>Movement Ecology</i> , 2017 , 5, 12	4.6	44
278	Same size--same niche? Foraging niche separation between sympatric juvenile Galapagos sea lions and adult Galapagos fur seals. <i>Journal of Animal Ecology</i> , 2013 , 82, 694-706	4.7	44
277	Patterns of respiration and heart rate during wakefulness and sleep in elephant seal pups. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1994 , 266, R863-9	3.2	44
276	Standard metabolic rate at the surface and during trained submersions in adult California sea lions (<i>Zalophus californianus</i>). <i>Journal of Experimental Biology</i> , 2001 , 204, 3273-81	3	44
275	A comparison of indirect measures of feeding behaviour based on ARGOS tracking data. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007 , 54, 356-368	2.3	43
274	Multimegameter-range acoustic data obtained by bottom-mounted hydrophone arrays for measurement of ocean temperature. <i>IEEE Journal of Oceanic Engineering</i> , 1999 , 24, 202-214	3.3	43
273	The importance of migratory connectivity for global ocean policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20191472	4.4	42
272	The importance of sample size in marine megafauna tagging studies. <i>Ecological Applications</i> , 2019 , 29, e01947	4.9	42

271	Breathing frequencies of northern elephant seals at sea and on land revealed by heart rate spectral analysis. <i>Respiration Physiology</i> , 2000 , 123, 71-85		42
270	Delivering Sustained, Coordinated, and Integrated Observations of the Southern Ocean for Global Impact. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	41
269	The effect of a low-frequency sound source (acoustic thermometry of the ocean climate) on the diving behavior of juvenile northern elephant seals, <i>Mirounga angustirostris</i> . <i>Journal of the Acoustical Society of America</i> , 2003 , 113, 1155-65	2.2	41
268	Identifying and quantifying prey consumption using stomach temperature change in pinnipeds. <i>Journal of Experimental Biology</i> , 2006 , 209, 4524-32	3	40
267	Evaluating the function of the male harbour seal, <i>Phoca vitulina</i> , roar through playback experiments. <i>Animal Behaviour</i> , 2004 , 67, 1133-1139	2.8	40
266	The contribution of nasal countercurrent heat exchange to water balance in the northern elephant seal, <i>Mirounga angustirostris</i> . <i>Journal of Experimental Biology</i> , 1984 , 113, 447-54	3	40
265	Diet of a specialist in a changing environment: the crabeater seal along the western Antarctic Peninsula. <i>Marine Ecology - Progress Series</i> , 2012 , 455, 287-301	2.6	40
264	Searching for prey in a three-dimensional environment: hierarchical movements enhance foraging success in northern elephant seals. <i>Functional Ecology</i> , 2017 , 31, 361-369	5.6	39
263	Climate mediates the success of migration strategies in a marine predator. <i>Ecology Letters</i> , 2018 , 21, 63-71	10	39
262	On the front line: integrated habitat mapping for olive ridley sea turtles in the southeast Atlantic. <i>Diversity and Distributions</i> , 2013 , 19, 1518-1530	5	39
261	Electronic tracking tag programming is critical to data collection for behavioral time-series analysis. <i>Ecosphere</i> , 2011 , 2, art10	3.1	39
260	Ten. Sex- and age-related variation in reproductive effort of northern elephant seals 1994 , 169-210		39
259	Pandemic H1N1 influenza isolated from free-ranging Northern Elephant Seals in 2010 off the central California coast. <i>PLoS ONE</i> , 2013 , 8, e62259	3.7	38
258	A Dynamic State Model of Migratory Behavior and Physiology to Assess the Consequences of Environmental Variation and Anthropogenic Disturbance on Marine Vertebrates. <i>American Naturalist</i> , 2018 , 191, E40-E56	3.7	38
257	Interannual variation in the at-sea behavior of California sea lions (<i>Zalophus californianus</i>). <i>Marine Mammal Science</i> , 2014 , 30, 1297-1319	1.9	37
256	Hormone and metabolite changes associated with extended breeding fasts in male northern elephant seals (<i>Mirounga angustirostris</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012 , 161, 388-94	2.6	37
255	Foraging energetics of Grey-headed Albatrosses <i>Diotneaea chrysostoma</i> at Bird Island, South Georgia. <i>Ibis</i> , 2008 , 129, 149-158	1.9	37
254	ONTOGENY OF MOVEMENTS AND FORAGING RANGES IN THE AUSTRALIAN SEA LION. <i>Marine Mammal Science</i> , 2007 , 23, 598-614	1.9	37

253	Milk intake and energy expenditure of free-ranging northern fur seal, <i>Callorhinus ursinus</i> , pups. <i>Physiological and Biochemical Zoology</i> , 2002 , 75, 3-18	2	37
252	Climate-scale hydrographic features related to foraging success in a capital breeder, the northern elephant seal <i>Mirounga angustirostris</i> . <i>Endangered Species Research</i> , 2010 , 10, 233-243	2.5	37
251	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
250	Energy requirements of free ranging little penguin, <i>eudyptula minor</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1986 , 85, 135-138		36
249	Comparison of methods for evaluating energy expenditure of incubating wandering albatrosses. <i>Physiological and Biochemical Zoology</i> , 2001 , 74, 823-31	2	34
248	Foraging behaviour and habitat selection of the little penguin <i>Eudyptula minor</i> during early chick rearing in Bass Strait, Australia. <i>Marine Ecology - Progress Series</i> , 2008 , 366, 293-303	2.6	34
247	The Effects of El Niño on Pinniped Populations in the Eastern Pacific. <i>Ecological Studies</i> , 1991 , 247-270	1.1	34
246	Free-swimming northern elephant seals have low field metabolic rates that are sensitive to an increased cost of transport. <i>Journal of Experimental Biology</i> , 2014 , 217, 1485-95	3	33
245	The foraging benefits of being fat in a highly migratory marine mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	33
244	Individual foraging strategies reveal niche overlap between endangered galapagos pinnipeds. <i>PLoS ONE</i> , 2013 , 8, e70748	3.7	32
243	Latitudinal range influences the seasonal variation in the foraging behavior of marine top predators. <i>PLoS ONE</i> , 2011 , 6, e23166	3.7	32
242	Seals map bathymetry of the Antarctic continental shelf. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	32
241	Ecological implications of body composition and thermal capabilities in young antarctic fur seals (<i>Arctocephalus gazella</i>). <i>Physiological and Biochemical Zoology</i> , 2004 , 77, 669-81	2	32
240	PLASMA VASOPRESSIN LEVELS AND WATER CONSERVATION IN FASTING, POSTWEANED NORTHERN ELEPHANT SEAL PUPS (<i>MIROUNGA ANGUSTIROSTRIS</i>). <i>Marine Mammal Science</i> , 1996 , 12, 99-106	1.9	32
239	Whisker growth dynamics in two North Pacific pinnipeds: implications for determining foraging ecology from stable isotope analysis. <i>Marine Ecology - Progress Series</i> , 2016 , 554, 213-224	2.6	32
238	Energy-Rich Mesopelagic Fishes Revealed as a Critical Prey Resource for a Deep-Diving Predator Using Quantitative Fatty Acid Signature Analysis. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	32
237	The endangered Australian sea lion extensively overlaps with and regularly becomes by-catch in demersal shark gill-nets in South Australian shelf waters. <i>Biological Conservation</i> , 2013 , 157, 386-400	6.2	31
236	Linking mesopelagic prey abundance and distribution to the foraging behavior of a deep-diving predator, the northern elephant seal. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 140, 163-170	2.3	31

235	Fine-scale whisker growth measurements can reveal temporal foraging patterns from stable isotope signatures. <i>Marine Ecology - Progress Series</i> , 2015 , 523, 243-253	2.6	31
234	The extra burden of motherhood: reduced dive duration associated with pregnancy status in a deep-diving mammal, the northern elephant seal. <i>Biology Letters</i> , 2018 , 14,	3.6	30
233	Toward a national animal telemetry network for aquatic observations in the United States. <i>Animal Biotelemetry</i> , 2016 , 4,	2.8	30
232	Patterns of maximum body size evolution in Cenozoic land mammals: eco-evolutionary processes and abiotic forcing. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20132049	4.4	30
231	Oxygen minimum zone: An important oceanographic habitat for deep-diving northern elephant seals,. <i>Ecology and Evolution</i> , 2017 , 7, 6259-6270	2.8	30
230	State-dependent behavioural theory for assessing the fitness consequences of anthropogenic disturbance on capital and income breeders. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 552-560	7.7	30
229	Oxygen stores plasticity linked to foraging behaviour and pregnancy in a diving predator, the Galapagos sea lion. <i>Functional Ecology</i> , 2010 , 24, 785-795	5.6	30
228	Seasonal dive behaviour of lactating New Zealand fur seals (<i>Arctocephalus forsteri</i>). <i>Canadian Journal of Zoology</i> , 1998 , 76, 350-360	1.5	30
227	Acceleration-triggered animal-borne videos show a dominance of fish in the diet of female northern elephant seals. <i>Journal of Experimental Biology</i> , 2020 , 223,	3	29
226	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
225	The effects of water temperature on the energetic costs of juvenile and adult California sea lions (<i>Zalophus californianus</i>): the importance of skeletal muscle thermogenesis for thermal balance. <i>Journal of Experimental Biology</i> , 2009 , 212, 3977-84	3	29
224	AQUATIC MATING STRATEGIES OF THE MALE PACIFIC HARBOR SEAL (<i>PHOCA VITULINA RICHARDII</i>): ARE MALES DEFENDING THE HOTSPOT?. <i>Marine Mammal Science</i> , 2004 , 20, 639-656	1.9	29
223	A METHOD FOR CALIBRATING SWIM-SPEED RECORDERS. <i>Marine Mammal Science</i> , 1999 , 15, 894-905	1.9	29
222	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
221	Mesoscale activity facilitates energy gain in a top predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	28
220	A review of recent results on ocean acoustic wave propagation in random media: basin scales. <i>IEEE Journal of Oceanic Engineering</i> , 1999 , 24, 138-155	3.3	28
219	Milk composition of Australian sea lions, <i>Neophoca cinerea</i> : variability in lipid content. <i>Canadian Journal of Zoology</i> , 1991 , 69, 2556-2561	1.5	28
218	Route Fidelity during Marine Megafauna Migration. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	27

217	Underwater and surface behavior of homing juvenile northern elephant seals. <i>Journal of Experimental Biology</i> , 2011 , 214, 629-36	3	27
216	Fine-scale habitat selection of crabeater seals as determined by diving behavior. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008 , 55, 500-514	2.3	27
215	Top-down and bottom-up influences on demographic rates of Antarctic fur seals <i>Arctocephalus gazella</i> . <i>Journal of Animal Ecology</i> , 2013 , 82, 903-11	4.7	26
214	The comparative energetics and growth strategies of sympatric Antarctic and subantarctic fur seal pups at Iles Crozet. <i>Journal of Experimental Biology</i> , 2003 , 206, 4497-506	3	26
213	Blood chemistry homeostasis during prolonged fasting in the northern elephant seal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1982 , 242, R591-5	3.2	26
212	Marine foraging ecology influences mercury bioaccumulation in deep-diving northern elephant seals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	25
211	A Synergistic Approach for Evaluating Climate Model Output for Ecological Applications. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	25
210	Shadowed by scale: subtle behavioral niche partitioning in two sympatric, tropical breeding albatross species. <i>Movement Ecology</i> , 2015 , 3, 28	4.6	25
209	Gluconeogenesis is associated with high rates of tricarboxylic acid and pyruvate cycling in fasting northern elephant seals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 303, R340-52	3.2	25
208	Low Genetic Variability in the Hawaiian Monk Seal. <i>Conservation Biology</i> , 1997 , 11, 482-490	6	25
207	Water conservation in fasting northern elephant seals (<i>Mirounga angustirostris</i>). <i>Journal of Experimental Biology</i> , 2006 , 209, 4283-94	3	25
206	Respiration and heart rate at the surface between dives in northern elephant seals. <i>Journal of Experimental Biology</i> , 2000 , 203, 3265-74	3	25
205	Fatalism and health promoting behaviors in Chinese and Korean immigrants and Caucasians. <i>Journal of Immigrant and Minority Health</i> , 2015 , 17, 165-71	2.2	24
204	Mobilisation of lipophilic pollutants from blubber in northern elephant seal pups (<i>Mirounga angustirostris</i>) during the post-weaning fast. <i>Environmental Research</i> , 2014 , 132, 438-48	7.9	24
203	Summing the strokes: energy economy in northern elephant seals during large-scale foraging migrations. <i>Movement Ecology</i> , 2015 , 3, 22	4.6	24
202	The ontogeny of diving abilities in subantarctic fur seal pups: developmental trade-off in response to extreme fasting?. <i>Functional Ecology</i> , 2011 , 25, 818-828	5.6	24
201	An inexpensive passive acoustic system for recording and localizing wild animal sounds. <i>Journal of the Acoustical Society of America</i> , 2000 , 107, 3552-5	2.2	24
200	Foraging strategies of a generalist marine predator inhabiting a dynamic environment. <i>Oecologia</i> , 2016 , 182, 995-1005	2.9	24

199	Temporal variation in isotopic composition and diet of Weddell seals in the western Ross Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 140, 36-44	2.3	23
198	Big data analyses reveal patterns and drivers of the movements of southern elephant seals. <i>Scientific Reports</i> , 2017 , 7, 112	4.9	23
197	How do overwinter changes in body condition and hormone profiles influence Weddell seal reproductive success?. <i>Functional Ecology</i> , 2015 , 29, 1278-1291	5.6	23
196	Utilisation of intensive foraging zones by female Australian fur seals. <i>PLoS ONE</i> , 2015 , 10, e0117997	3.7	23
195	Pelagic coloration in pinnipeds: functional considerations. <i>Behavioral Ecology</i> , 2012 , 23, 765-774	2.3	23
194	Stroke volume and cardiac output in juvenile elephant seals during forced dives. <i>Journal of Experimental Biology</i> , 2005 , 208, 3637-43	3	23
193	Marine mammals of the Southern Ocean. <i>Antarctic Research Series</i> , 1996 , 287-301		23
192	A Bioenergetics Approach to Understanding the Population Consequences of Disturbance: Elephant Seals as a Model System. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 875, 161-9	3.6	23
191	A bioenergetics approach to developing a population consequences of acoustic disturbance model. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 730, 423-6	3.6	23
190	Adapted to change: Low energy requirements in a low and unpredictable productivity environment, the case of the Galapagos sea lion. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 140, 94-104	2.3	22
189	Climate impacts and oceanic top predators: moving from impacts to adaptation in oceanic systems. <i>Reviews in Fish Biology and Fisheries</i> , 2013 , 23, 537-546	6	22
188	Differences in foraging ecology align with genetically divergent ecotypes of a highly mobile marine top predator. <i>Oecologia</i> , 2015 , 179, 1041-52	2.9	22
187	Benthic foraging on seamounts: A specialized foraging behavior in a deep-diving pinniped. <i>Marine Mammal Science</i> , 2012 , 28, E333-E344	1.9	22
186	Effects of allometry, productivity and lifestyle on rates and limits of body size evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20131007	4.4	22
185	DDT in endangered Galapagos sea lions (<i>Zalophus wollebaeki</i>). <i>Marine Pollution Bulletin</i> , 2011 , 62, 660-71.7		22
184	Polychlorinated biphenyls and polybrominated diphenyl ethers in Galapagos sea lions (<i>Zalophus wollebaeki</i>). <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 2271-82	3.8	22
183	Mating system and reproductive success in eastern Pacific harbour seals. <i>Molecular Ecology</i> , 2006 , 15, 3023-34	5.7	22
182	Amino acid composition of pinniped milk. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1995 , 110, 633-9	2.3	22

181	Assimilation Efficiency of Northern Fur Seals Determined Using Dietary Manganese. <i>Journal of Wildlife Management</i> , 1990 , 54, 246	1.9	22
180	Anthropogenic disturbance in a changing environment: modelling lifetime reproductive success to predict the consequences of multiple stressors on a migratory population. <i>Oikos</i> , 2019 , 128, 1340-1357	4	21
179	Fatty acid mobilization and comparison to milk fatty acid content in northern elephant seals. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014 , 184, 125-35	2.2	21
178	High fatty acid oxidation capacity and phosphorylation control despite elevated leak and reduced respiratory capacity in northern elephant seal muscle mitochondria. <i>Journal of Experimental Biology</i> , 2014 , 217, 2947-55	3	21
177	Eighteen. Swim speed and dive function in a female northern elephant seal 1994 , 328-340		21
176	Monitoring population-level responses of marine mammals to human activities. <i>Marine Mammal Science</i> , 2016 , 32, 1004-1021	1.9	21
175	Evaluating Hair as a Predictor of Blood Mercury: The Influence of Ontogenetic Phase and Life History in Pinnipeds. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 70, 28-45	3.2	20
174	A state-dependent model for assessing the population consequences of disturbance on income-breeding mammals. <i>Ecological Modelling</i> , 2018 , 385, 133-144	3	20
173	Effects of maternal age and mass on foraging behaviour and foraging success in the northern elephant seal. <i>Functional Ecology</i> , 2013 , 27, 1055-1063	5.6	20
172	Diving physiology and winter foraging behavior of a juvenile leopard seal (<i>Hydrurga leptonyx</i>). <i>Polar Biology</i> , 2006 , 29, 303-307	2	20
171	Body reserves influence allocation to immune responses in capital breeding female northern elephant seals. <i>Functional Ecology</i> , 2016 , 30, 389-397	5.6	20
170	Development of an animal-borne sonar tag for quantifying prey availability: test deployments on northern elephant seals. <i>Animal Biotelemetry</i> , 2015 , 3,	2.8	19
169	Seasonal variation in blood and muscle oxygen stores attributed to diving behavior, environmental temperature and pregnancy in a marine predator, the California sea lion. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012 , 162, 413-20	2.6	19
168	Renal function in suckling and fasting pups of the northern elephant seal. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001 , 129, 405-15	2.6	19
167	Hematocrit variation during sleep apnea in elephant seal pups. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1986 , 251, R429-31	3.2	19
166	Using Satellite Tracking and Isotopic Information to Characterize the Impact of South American Sea Lions on Salmonid Aquaculture in Southern Chile. <i>PLoS ONE</i> , 2015 , 10, e0134926	3.7	19
165	Influence of intrinsic variation on foraging behaviour of adult female Australian fur seals. <i>Marine Ecology - Progress Series</i> , 2015 , 526, 227-239	2.6	19
164	Pinnipeds as ocean-temperature samplers: calibrations, validations, and data quality. <i>Limnology and Oceanography: Methods</i> , 2009 , 7, 648-656	2.6	18

163	Body condition as an index of winter foraging success in crabeater seals (<i>Lobodon carcinophaga</i>). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008 , 55, 515-522	2.3	18
162	East or west: the energetic cost of being a gray whale and the consequence of losing energy to disturbance. <i>Endangered Species Research</i> , 2017 , 34, 167-183	2.5	18
161	Development of a bioenergetic model for estimating energy requirements and prey biomass consumption of the bottlenose dolphin <i>Tursiops truncatus</i> . <i>Ecological Modelling</i> , 2017 , 356, 162-172	3	17
160	Revisiting the behavioural framework of feeding in predatory aquatic mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	17
159	Effects of El Niño-driven changes in wind patterns on North Pacific albatrosses. <i>Journal of the Royal Society Interface</i> , 2016 , 13,	4.1	17
158	Mobile receivers: releasing the mooring to see where fish go. <i>Environmental Biology of Fishes</i> , 2013 , 96, 189-201	1.6	17
157	Control of pulmonary surfactant secretion in adult California sea lions. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 313, 727-32	3.4	17
156	Blood oxygen depletion is independent of dive function in a deep diving vertebrate, the northern elephant seal. <i>PLoS ONE</i> , 2013 , 8, e83248	3.7	17
155	Intraspecific variation in feeding strategies of Galapagos sea lions: A case of trophic specialization. <i>PLoS ONE</i> , 2017 , 12, e0185165	3.7	16
154	Ocean Observations Using Tagged Animals. <i>Oceanography</i> , 2017 , 30, 139-139	2.3	16
153	Foraging behavior links climate variability and reproduction in North Pacific albatrosses. <i>Movement Ecology</i> , 2015 , 3, 27	4.6	16
152	Improving the precision of our ecosystem calipers: a modified morphometric technique for estimating marine mammal mass and body composition. <i>PLoS ONE</i> , 2014 , 9, e91233	3.7	16
151	Movement and diving patterns of juvenile male South American sea lions off the coast of central Chile. <i>Marine Mammal Science</i> , 2014 , 30, 1175-1183	1.9	16
150	Low Synchrony in the Breeding Cycle of Galapagos Sea Lions Revealed by Seasonal Progesterone Concentrations. <i>Journal of Mammalogy</i> , 2009 , 90, 1232-1237	1.8	16
149	Biological and environmental drivers of energy allocation in a dependent mammal, the Antarctic fur seal pup. <i>Physiological and Biochemical Zoology</i> , 2012 , 85, 134-47	2	16
148	A database for the study of marine mammal behavior: gap analysis, data standardization, and future directions. <i>IEEE Journal of Oceanic Engineering</i> , 2006 , 31, 82-86	3.3	16
147	Seals and sea lions are what they eat, plus what? Determination of trophic discrimination factors for seven pinniped species. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 1115-22	2.2	16
146	The rise and fall of dialects in northern elephant seals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	16

145	Projected shifts in the foraging habitat of crabeater seals along the Antarctic Peninsula. <i>Nature Climate Change</i> , 2020 , 10, 472-477	21.4	15
144	Intrinsic anti-inflammatory properties in the serum of two species of deep-diving seal. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	15
143	Effects of El Niño on the Foraging Energetics of the California Sea Lion. <i>Ecological Studies</i> , 1991 , 156-165	1.1	15
142	A standardisation framework for bio-logging data to advance ecological research and conservation. <i>Methods in Ecology and Evolution</i> , 2021 , 12, 996-1007	7.7	15
141	Regional variability in diving physiology and behavior in a widely distributed air-breathing marine predator, the South American sea lion (<i>Otaria byronia</i>). <i>Journal of Experimental Biology</i> , 2016 , 219, 2320-30	3	15
140	Habitat use and spatial fidelity of male South American sea lions during the nonbreeding period. <i>Ecology and Evolution</i> , 2017 , 7, 3992-4002	2.8	14
139	The retrospective analysis of Antarctic tracking data project. <i>Scientific Data</i> , 2020 , 7, 94	8.2	14
138	Characterizing habitat suitability for a central-place forager in a dynamic marine environment. <i>Ecology and Evolution</i> , 2018 , 8, 2788-2801	2.8	14
137	DDT strikes back: Galapagos sea lions face increasing health risks. <i>Ambio</i> , 2011 , 40, 425-30	6.5	14
136	Development of foraging behavior in juvenile northern elephant seals. <i>Journal of Zoology</i> , 2008 , 274, 180-187	2	14
135	Field metabolic rates of black-browed albatrosses <i>Thalassarche melanophrys</i> during the incubation stage. <i>Journal of Avian Biology</i> , 2004 , 35, 551-558	1.9	14
134	Do crabeater seals forage cooperatively?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004 , 51, 2305-2310	2.3	14
133	Acoustic measurement of cardiac function on northern elephant seals. <i>Journal of the Acoustical Society of America</i> , 1996 , 100, 2709-2709	2.2	14
132	Sexual segregation in habitat use is smaller than expected in a highly dimorphic marine predator, the southern sea lion. <i>Marine Ecology - Progress Series</i> , 2016 , 554, 201-211	2.6	14
131	Reproductive constraints influence habitat accessibility, segregation, and preference of sympatric albatross species. <i>Movement Ecology</i> , 2015 , 3, 34	4.6	13
130	Effects of age, adipose percent, and reproduction on PCB concentrations and profiles in an extreme fasting North Pacific marine mammal. <i>PLoS ONE</i> , 2014 , 9, e96191	3.7	13
129	A profile of carbohydrate metabolites in the fasting northern elephant seal. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2013 , 8, 141-51	2	13
128	Dynamic influence of maternal and pup traits on maternal care during lactation in an income breeder, the antarctic fur seal. <i>Physiological and Biochemical Zoology</i> , 2012 , 85, 243-54	2	13

127	Diving Physiology of Marine Vertebrates 2007 ,		13
126	EFFECTIVE, FIELD-BASED INHALATION ANESTHESIA FOR ICE SEALS. <i>Marine Mammal Science</i> , 2005 , 21, 717-727	1.9	13
125	DETECTION OF SEA OTTERS IN BOAT-BASED SURVEYS OF PRINCE WILLIAM SOUND, ALASKA. <i>Marine Mammal Science</i> , 1995 , 11, 59-71	1.9	13
124	Foraging niche separation in sympatric temperate-latitude fur seal species. <i>Marine Ecology - Progress Series</i> , 2017 , 566, 229-241	2.6	13
123	The energetic consequences of behavioral variation in a marine carnivore. <i>Ecology and Evolution</i> , 2018 , 8, 4340-4351	2.8	12
122	Foraging and fasting can influence contaminant concentrations in animals: an example with mercury contamination in a free-ranging marine mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	12
121	Best practice recommendations for the use of external telemetry devices on pinnipeds. <i>Animal Biotelemetry</i> , 2019 , 7,	2.8	12
120	Fishing for data in the Ross Sea. <i>Science</i> , 2010 , 330, 1316	33.3	12
119	Energetics 2009 , 383-391		12
118	Relationships between plasma ketones and fasting duration in neonatal elephant seals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1990 , 259, R1086-9	3.2	12
117	An animal-borne active acoustic tag for minimally invasive behavioral response studies on marine mammals. <i>Animal Biotelemetry</i> , 2016 , 4,	2.8	11
116	The demands of lactation promote differential regulation of lipid stores in fasting elephant seals. <i>General and Comparative Endocrinology</i> , 2016 , 225, 125-132	3	11
115	Effects of maternal traits and individual behavior on the foraging strategies and provisioning rates of an income breeder, the Antarctic fur seal. <i>Marine Ecology - Progress Series</i> , 2009 , 394, 277-288	2.6	11
114	Energy and prey requirements of California sea lions under variable environmental conditions. <i>Marine Ecology - Progress Series</i> , 2017 , 567, 235-247	2.6	11
113	Lightscares of fear: How mesopredators balance starvation and predation in the open ocean. <i>Science Advances</i> , 2021 , 7,	14.3	11
112	Mercury correlations among blood, muscle, and hair of northern elephant seals during the breeding and molting fasts. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 2103-10	3.8	11
111	What's in a whisker? Disentangling ecological and physiological isotopic signals. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 57-66	2.2	11
110	Seabirds and Marine Mammals 225-233		11

109	Deep-ocean foraging northern elephant seals bioaccumulate persistent organic pollutants. <i>Science of the Total Environment</i> , 2015 , 533, 144-55	10.2	10
108	Constrained by consistency? Repeatability of foraging behavior at multiple timescales for a generalist marine predator. <i>Marine Biology</i> , 2018 , 165, 1	2.5	10
107	Thermal benefits of aggregation in a large marine endotherm: huddling in California sea lions. <i>Journal of Zoology</i> , 2014 , 293, 152-159	2	10
106	Blood rheology of captive and free-ranging northern elephant seals and sea otters. <i>Canadian Journal of Zoology</i> , 1990 , 68, 375-380	1.5	10
105	Trophic position and foraging ecology of Ross, Weddell, and crabeater seals revealed by compound-specific isotope analysis. <i>Marine Ecology - Progress Series</i> , 2019 , 611, 1-18	2.6	10
104	Dive behaviour and foraging effort of female Cape fur seals. <i>Royal Society Open Science</i> , 2019 , 6, 1913693	3.3	10
103	Modeling the functional link between movement, feeding activity, and condition in a marine predator. <i>Behavioral Ecology</i> , 2019 , 30, 434-445	2.3	10
102	Temporal changes in Weddell seal dive behavior over winter: Are females increasing foraging effort to support gestation?. <i>Ecology and Evolution</i> , 2018 , 8, 11857-11874	2.8	10
101	Effects of Age, Colony, and Sex on Mercury Concentrations in California Sea Lions. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 70, 46-55	3.2	9
100	Fisheries Exploitation by Albatross Quantified With Lipid Analysis. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	9
99	Comparative feeding strategies and kinematics in phocid seals: suction without specialized skull morphology. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	9
98	What difference does a century make? Shifts in the ecosystem structure of the Ross Sea, Antarctica, as evidenced from a sentinel species, the Weddell seal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	9
97	Glomerular filtration rate in weaned elephant seal pups during natural, long term fasts. <i>Canadian Journal of Zoology</i> , 1989 , 67, 1752-1756	1.5	9
96	A fully coupled ecosystem model to predict the foraging ecology of apex predators in the California Current. <i>Marine Ecology - Progress Series</i> , 2016 , 556, 273-285	2.6	9
95	Thermoregulatory Strategies of Diving Air-Breathing Marine Vertebrates: A Review. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	9
94	Visually impaired people and the emerging connected TV: a comparative study of TV and Web applications accessibility. <i>Universal Access in the Information Society</i> , 2017 , 16, 197-214	2.5	8
93	Hydrographic variability along the inner and mid-shelf region of the western Ross Sea obtained using instrumented seals. <i>Progress in Oceanography</i> , 2019 , 174, 131-142	3.8	8
92	Movements and dive behavior of juvenile California sea lions from Año Nuevo Island. <i>Marine Mammal Science</i> , 2018 , 34, 238-249	1.9	8

91	Evaluating the Accessibility of Web Applications. <i>Procedia Computer Science</i> , 2012 , 14, 28-35	1.6	8
90	Osmoregulation 2009 , 801-806		8
89	Renal effects of fresh water-induced hypo-osmolality in a marine adapted seal. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2002 , 172, 297-307	2.2	8
88	ENTRANCE INTO STAGE III FASTING BY STARVELING NORTHERN ELEPHANT SEAL PUPS. <i>Marine Mammal Science</i> , 2003 , 19, 186-197	1.9	8
87	BLOOD GLUCOSE DISTRIBUTION, BRAIN SIZE AND DIVING IN SMALL ODONTOCETES. <i>Marine Mammal Science</i> , 1992 , 8, 294-298	1.9	8
86	MATERNAL TRAITS AND REPRODUCTIVE EFFORT IN NORTHERN ELEPHANT SEALS 2001 , 82, 3541		8
85	Introduction to understanding the linkages between Antarctic food webs and the environment: A synthesis of Southern Ocean GLOBEC studies. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011 , 58, 1505-1507	2.3	7
84	Validation of water flux and body composition in glaucous gulls (<i>Larus hyperboreus</i>). <i>Physiological and Biochemical Zoology</i> , 2006 , 79, 836-45	2	7
83	Positional analyses of triacylglycerol fatty acids in the milk fat of the antarctic fur seal (<i>Arctocephalus gazella</i>). <i>Lipids</i> , 1992 , 27, 637-9	1.6	7
82	ANALYSIS OF SEA OTTER, ENHYDRA LUTRIS, SCATS COLLECTED FROM A CALIFORNIA HAULOUT SITE. <i>Marine Mammal Science</i> , 1986 , 2, 223-227	1.9	7
81	Comparisons and Uncertainty in Fat and Adipose Tissue Estimation Techniques: The Northern Elephant Seal as a Case Study. <i>PLoS ONE</i> , 2015 , 10, e0131877	3.7	7
80	Chlorophyll fluorescence as measured in situ by animal-borne instruments in the northeastern Pacific Ocean. <i>Journal of Marine Systems</i> , 2020 , 203, 103265	2.7	7
79	Environmental influences on foraging effort, success and efficiency in female Australian fur seals. <i>Scientific Reports</i> , 2020 , 10, 17710	4.9	7
78	Assessing the exposure of animals to acoustic disturbance: Towards an understanding of the population consequences of disturbance 2016 ,		7
77	A method for correcting seal-borne oceanographic data and application to the estimation of regional sea ice thickness. <i>Journal of Marine Systems</i> , 2018 , 187, 250-259	2.7	6
76	Contrasting whisker growth dynamics within the phocid lineage. <i>Marine Ecology - Progress Series</i> , 2020 , 634, 231-236	2.6	6
75	Forced into an ecological corner: Round-the-clock deep foraging on small prey by elephant seals. <i>Science Advances</i> , 2021 , 7,	14.3	6
74	Factors affecting energy expenditure in a declining fur seal population 2019 , 7, coz103		6

73	Context-dependent variability in the predicted daily energetic costs of disturbance for blue whales 2021 , 9, coaa137		6
72	Hawaiian monk seals exhibit behavioral flexibility when targeting prey of different size and shape. <i>Journal of Experimental Biology</i> , 2019 , 222,	3	5
71	Low guanylyl cyclase activity in Weddell seals: implications for peripheral vasoconstriction and perfusion of the brain during diving. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R704-R715	3.2	5
70	Scaling matters: incorporating body composition into Weddell seal seasonal oxygen store comparisons reveals maintenance of aerobic capacities. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015 , 185, 811-24	2.2	5
69	Energetics 2018 , 329-335		5
68	Characterization of blubber fatty acid signatures in northern elephant seals (<i>Mirounga angustirostris</i>) over the postweaning fast. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013 , 183, 1065-74	2.2	5
67	Multiplatform, Multidisciplinary Investigations of the Impacts of Modified Circumpolar Deep Water in the Ross Sea, Antarctica. <i>Oceanography</i> , 2014 , 2,	2.3	5
66	Growth and energy expenditure of Wandering Albatross <i>Diomedea exulans</i> chicks. <i>Ibis</i> , 2003 , 146, 85-94	1.9	5
65	Understanding the combined effects of multiple stressors: A new perspective on a longstanding challenge.. <i>Science of the Total Environment</i> , 2022 , 153322	10.2	5
64	Stochastic dynamic programming: An approach for modelling the population consequences of disturbance due to lost foraging opportunities 2016 ,		5
63	Terrestrial locomotion of the northern elephant seal (<i>Mirounga angustirostris</i>): limitation of large aquatically adapted seals on land?. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	5
62	Global Connectivity of Southern Ocean Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	5
61	Evaluating gain functions in foraging bouts using vertical excursions in northern elephant seals. <i>Animal Behaviour</i> , 2017 , 129, 15-24	2.8	4
60	Propensity for Risk in Reproductive Strategy Affects Susceptibility to Anthropogenic Disturbance. <i>American Naturalist</i> , 2020 , 196, E71-E87	3.7	4
59	Overview of Effects of Oil Spills on Marine Mammals 2015 , 455-475		4
58	The Differences in Accessibility of TV and Desktop Web Applications from the Perspective of Automated Evaluation. <i>Procedia Computer Science</i> , 2015 , 67, 388-396	1.6	4
57	A View of the Ocean from Pacific Predators 2010 , 291-311		4
56	Trade-offs between foraging reward and mortality risk drive sex-specific foraging strategies in sexually dimorphic northern elephant seals.. <i>Royal Society Open Science</i> , 2022 , 9, 210522	3.3	4

55	Animal Borne Ocean Sensors [AniBOS] An Essential Component of the Global Ocean Observing System. <i>Frontiers in Marine Science</i> , 8,	4.5	4
54	TOPP as a Marine Life Observatory: Using Electronic Tags to Monitor the Movements, Behaviour and Habitats of Marine Vertebrates 2010 ,		4
53	Changes in Northern Elephant Seal Skeletal Muscle Following Thirty Days of Fasting and Reduced Activity. <i>Frontiers in Physiology</i> , 2020 , 11, 564555	4.6	4
52	Serum POP concentrations are highly predictive of inner blubber concentrations at two extremes of body condition in northern elephant seals. <i>Environmental Pollution</i> , 2016 , 218, 651-663	9.3	4
51	Ontogenetic variation in diet and habitat of Irrawaddy dolphins (<i>Orcaella brevirostris</i>) in the Gulf of Thailand and the Andaman Sea. <i>Marine Mammal Science</i> , 2019 , 35, 492-521	1.9	4
50	Inferring prey size variation from mandible acceleration in northern elephant seals. <i>Marine Mammal Science</i> , 2019 , 35, 893-908	1.9	4
49	Expression of obesity-related adipokine genes during fasting in a naturally obese marine mammal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R521-R529	3.2	3
48	Adipose Triglyceride Lipase, Not Hormone-Sensitive Lipase, Is the Primary Lipolytic Enzyme in Fasting Elephant Seals (<i>Mirounga angustirostris</i>). <i>Physiological and Biochemical Zoology</i> , 2015 , 88, 284-94		3
47	Chylomicron triacylglycerol fatty acids in suckling northern elephant seals (<i>Mirounga angustirostris</i>) resemble the composition and the distribution of fatty acids in milk fat. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996 , 114, 53-7	2.3	3
46	Plasma carnitine in fasting neonatal and adult northern elephant seals. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1992 , 263, E570-4	6	3
45	Site fidelity as a maladaptive behavior in the Anthropocene. <i>Frontiers in Ecology and the Environment</i> ,	5.5	3
44	Energy costs of chick rearing in Black-legged Kittiwakes (<i>Rissa tridactyla</i>). <i>Canadian Journal of Zoology</i> , 2000 , 78, 982-991	1.5	3
43	Potential Influences of Whaling on the Status and Trends of Pinniped Populations 2007 , 344-359		3
42	Use of ¹⁵ N-enriched glycine to estimate vibrissa growth in free-ranging northern elephant seals <i>Mirounga angustirostris</i> . <i>Marine Ecology - Progress Series</i> , 2019 , 614, 199-207	2.6	3
41	Influence of hunting strategy on foraging efficiency in Galapagos sea lions. <i>PeerJ</i> , 2021 , 9, e11206	3.1	3
40	Emerging themes in Population Consequences of Disturbance models. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210325	4.4	3
39	When Physiology and Ecology Meet: The Interdependency Between Foraging Ecology and Reproduction in Otariids. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2021 , 21-50	1.6	3
38	Integration of Genotype, Physiological Performance, and Survival in a Lizard (<i>Uta stansburiana</i>) with Alternative Mating Strategies. <i>Physiological and Biochemical Zoology</i> , 2019 , 92, 303-315	2	2

37	Sonification of Animal Tracks as an Alternative Representation of Multi-Dimensional Data: A Northern Elephant Seal Example. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	2
36	The Influence of Weather and Tides on the Land Basking Behavior of Green Sea Turtles (<i>Chelonia mydas</i>) in the Galapagos Islands. <i>Chelonian Conservation and Biology</i> , 2014 , 13, 247-251	0.9	2
35	Parasitological examination for presence of hookworms (<i>Uncinaria</i> spp.) in northern elephant seals (<i>Mirounga angustirostris</i>) at Año Nuevo State Reserve, California (2012). <i>Parasitology Research</i> , 2012 , 111, 1847-50	2.4	2
34	Fundamentals of Water Relations and Thermoregulation in Animals 2013 ,		2
33	Pinniped Physiology 2009 , 873-878		2
32	Field validation of an inexpensive time-depth recorder. <i>Marine Mammal Science</i> , 2009 , 25, 199-205	1.9	2
31	Diving Physiology, Foraging and Reproductive Behavior of the Galapagos Sea Lion (<i>Zalophus wollebaeki</i>) 2017 , 132-158		2
30	A dynamic approach to estimate the probability of exposure of marine predators to oil exploration seismic surveys over continental shelf waters. <i>Endangered Species Research</i> , 2020 , 42, 185-199	2.5	2
29	Density-dependent effects on reproductive output in a capital breeding carnivore, the northern elephant seal (<i>Mirounga angustirostris</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211258	4.4	2
28	Influence of environmental variation on spatial distribution and habitat-use in a benthic foraging marine predator. <i>Royal Society Open Science</i> , 2021 , 8, 211052	3.3	2
27	Calibration of aerial photogrammetry to estimate elephant seal mass. <i>Marine Mammal Science</i> , 2020 , 36, 1347-1355	1.9	2
26	Context Matters: Hawaiian Monk Seals Switch Between Feeding Strategies Depending on Ecological Context. <i>Integrative and Comparative Biology</i> , 2020 , 60, 425-439	2.8	2
25	Intertrip consistency in hunting behavior improves foraging success and efficiency in a marine top predator. <i>Ecology and Evolution</i> , 2021 , 11, 4428-4441	2.8	2
24	Nitrogen and carbon stable-isotope ratios change in adult northern elephant seals (<i>Mirounga angustirostris</i>) during the breeding and molting fasts. <i>Marine Mammal Science</i> , 2019 , 35, 707-717	1.9	2
23	Accuracy and precision of citizen scientist animal counts from drone imagery. <i>PLoS ONE</i> , 2021 , 16, e0244040	3.7	2
22	Predicting the population consequences of acoustic disturbance, with application to an endangered gray whale population. <i>Ecological Applications</i> , 2021 , 31, e02440	4.9	2
21	Reproductive Energetics of Phocids. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2022 , 281-309	1.6	2
20	Assessment of Australian Sea Lion Bycatch Mortality in a Gillnet Fishery, and Implementation and Evaluation of an Effective Mitigation Strategy. <i>Frontiers in Marine Science</i> , 2022 , 9,	4.5	2

19	Birth timing after the long feeding migration in northern elephant seals. <i>Marine Mammal Science</i> ,	1.9	2
18	Osmoregulation 2018 , 659-664		1
17	Deep Learning Resolves Representative Movement Patterns in a Marine Predator Species. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2935	2.6	1
16	Foraging Behavior and Energetics of Albatrosses in Contrasting Breeding Environments. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	1
15	Advances in thermal physiology of diving marine mammals: The dual role of peripheral perfusion. <i>Temperature</i> ,	5.2	1
14	Does aerobic dive capacity constrain winter diving behavior in crabeater seals?. <i>FASEB Journal</i> , 2008 , 22, 1239.3	0.9	1
13	Extreme blood oxygen depletion in diving elephant seals. <i>FASEB Journal</i> , 2008 , 22, 757.7	0.9	1
12	Birth timing after the long feeding migration in elephant seals		1
11	Lipid mobilization and milk production in lactating northern elephant seals. <i>FASEB Journal</i> , 2012 , 26, 1b702	0.9	1
10	The Antarctic Weddell seal genome reveals evidence of selection on cardiovascular phenotype and lipid handling.. <i>Communications Biology</i> , 2022 , 5, 140	6.7	1
9	Elephant seals time their long-distance migrations using a map sense.. <i>Current Biology</i> , 2022 , 32, R156-R157	16.7	1
8	Extreme diving of females at the largest colony of New Zealand sea lions, <i>Phocarctos hookeri</i> . <i>Polar Biology</i> , 2020 , 43, 2031-2042	2	0
7	Changes in serum adipokines during natural extended fasts in female northern elephant seals. <i>General and Comparative Endocrinology</i> , 2021 , 308, 113760	3	0
6	A prediction and imputation method for marine animal movement data. <i>PeerJ Computer Science</i> , 2021 , 7, e656	2.7	0
5	Corrigendum to Foraging behavior of lactating South American sea lions (<i>Otaria flavescens</i>) and spatial-temporal resource overlap with the Uruguayan fisheries [Deep-Sea Res. II 88B9 (2013) 106-109]. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016 , 132, 267-268	2.3	
4	One size does not always fit all: a reply to Stroud and Feeley. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 297-8	10.9	
3	BIBLIOGRAPHY OF KENNETH S. NORRIS. <i>Marine Mammal Science</i> , 1999 , 15, 947-956	1.9	
2	Estimating population size when individuals are asynchronous: A model illustrated with northern elephant seal breeding colonies.. <i>PLoS ONE</i> , 2022 , 17, e0262214	3.7	

- 1 Response of elephant seals to acoustic thermometry of ocean climate sound transmissions. *Journal of the Acoustical Society of America*, **1997**, 102, 3177-3177 2.2