Russel Andrews

List of Publications by Year
in descending order

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65 papers	3,575 citations	201674 27 h-index	138484 58 g-index
67 all docs	67 docs citations	67 times ranked	3696 citing authors

#	Article	IF	Citations
1	Diving behavior, foraging strategies, and energetics of female Steller sea lions during early lactation. Journal of Experimental Marine Biology and Ecology, 2022, 550, 151707.	1.5	5
2	Fur seals do, but sea lions don't â€" cross taxa insights into exhalation during ascent from dives. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200219.	4.0	5
3	Beluga whale (Delphinapterus leucas) acoustic foraging behavior and applications for long term monitoring. PLoS ONE, 2021, 16, e0260485.	2.5	7
4	Water temperature correlates with baleen whale foraging behaviour at multiple scales in the Antarctic. Marine and Freshwater Research, 2019, 70, 19.	1.3	12
5	Best practice recommendations for the use of external telemetry devices on pinnipeds. Animal Biotelemetry, 2019, 7, .	1.9	22
6	Diel Dive Behavior of Fin Whales (Balaenoptera physalus) in the Southern California Bight. Aquatic Mammals, 2019, 45, 233-243.	0.7	15
7	Lunar cycles influence the diving behavior and habitat use of short-finned pilot whales around the main Hawaiian Islands. Marine Ecology - Progress Series, 2019, 629, 193-206.	1.9	27
8	Best practice guidelines for cetacean tagging. Journal of Cetacean Research and Management, 2019, 20, 27-66.	0.4	58
9	Seasonal and pod-specific differences in core use areas by resident killer whales in the Northern Gulf of Alaska. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 147, 196-202.	1.4	12
10	Diving behaviour of Cuvier's beaked whales exposed to two types of military sonar. Royal Society Open Science, 2017, 4, 170629.	2.4	58
11	Should I stay or should I go? Modelling yearâ€round habitat suitability and drivers of residency for fin whales in the California Current. Diversity and Distributions, 2017, 23, 1204-1215.	4.1	45
12	Physiological, morphological, and ecological tradeoffs influence vertical habitat use of deep-diving toothed-whales in the Bahamas. PLoS ONE, 2017, 12, e0185113.	2.5	27
13	Foraging areas, migratory movements and winter destinations of blue whales from the western North Atlantic. Endangered Species Research, 2017, 34, 27-43.	2.4	26
14	Biochemical and clinical responses of Common Eiders to implanted satellite transmitters. Condor, 2016, 118, 489-501.	1.6	11
15	Diving physiology of seabirds and marine mammals: Relevance, challenges and some solutions for field studies. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 202, 38-52.	1.8	21
16	A week in the life of a pygmy blue whale: migratory dive depth overlaps with large vessel drafts. Animal Biotelemetry, 2016, 4, .	1.9	21
17	Foraging behavior of lactating northern fur seals (Callorhinus ursinus) in the Commander Islands, Russia. Polar Biology, 2016, 39, 357-363.	1.2	0
18	Two methods of radio transmitter attachment and their effects on the behavior and energetics of captive long-tailed ducks (Clangula hyemalis) during winter. Animal Biotelemetry, 2015, 3, .	1.9	9

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19	Characterizing a Foraging Hotspot for Short-Finned Pilot Whales and Blainvilleâ€™s Beaked Whales Located off the West Side of Hawaiâ€˜i Island by Using Tagging and Oceanographic Data. PLoS ONE, 2015, 10, e0142628.	2.5	50
20	Age Specific Survival Rates of Steller Sea Lions at Rookeries with Divergent Population Trends in the Russian Far East. PLoS ONE, 2015, 10, e0127292.	2.5	18
21	Occurrence and distribution of mitochondrial lineages of gray whales (Eschrichtius robustus) in Russian Far Eastern seas. Biology Bulletin, 2015, 42, 34-42.	0.5	7
22	Movement and diving of killer whales (Orcinus orca) at a Southern Ocean archipelago. Journal of Experimental Marine Biology and Ecology, 2015, 473, 90-102.	1.5	51
23	First Long-Term Behavioral Records from Cuvierâ€™s Beaked Whales (Ziphius cavirostris) Reveal Record-Breaking Dives. PLoS ONE, 2014, 9, e92633.	2.5	255
24	Ontogeny of early diving and foraging behavior of northern fur seal (Callorhinus ursinus) pups from Bering Island, Russia. Marine Biology, 2014, 161, 1165-1178.	1.5	5
25	Proxies of food intake and energy expenditure for estimating the timeâ€“energy budgets of lactating northern fur seals Callorhinus ursinus. Journal of Experimental Marine Biology and Ecology, 2014, 461, 107-115.	1.5	16
26	Satellite Tagging and Biopsy Sampling of Killer Whales at Subantarctic Marion Island: Effectiveness, Immediate Reactions and Long-Term Responses. PLoS ONE, 2014, 9, e111835.	2.5	18
27	Depredating sperm whales in the Gulf of Alaska: local habitat use and long distance movements across putative population boundaries. Endangered Species Research, 2014, 24, 125-135.	2.4	28
28	New insights into the northward migration route of gray whales between Vancouver Island, British Columbia, and southeastern Alaska. Marine Mammal Science, 2013, 29, 325-337.	1.8	18
29	Acoustic tracking of sperm whales in the Gulf of Alaska using a two-element vertical array and tags. Journal of the Acoustical Society of America, 2013, 134, 2446-2461.	1.1	30
30	Trackline and point detection probabilities for acoustic surveys of Cuvier's and Blainville's beaked whales. Journal of the Acoustical Society of America, 2013, 134, 2486-2496.	1.1	28
31	Rope trauma, sedation, disentanglement, and monitoringâ€tag associated lesions in a terminally entangled North Atlantic right whale (Eubalaena glacialis). Marine Mammal Science, 2013, 29, E98.	1.8	43
32	The effects of experimentally induced hyperthyroidism on the diving physiology of harbor seals (Phoca vitulina). Frontiers in Physiology, 2012, 3, 380.	2.8	11
33	Adult Steller sea lion mortality on rookeries in the Russian Far East, 2002â€“2010. Russian Journal of Marine Biology, 2012, 38, 442-447.	0.6	6
34	Influence of environment, morphology, and instrument size on lactating northern fur seal Callorhinus ursinus foraging behavior on the Lovushki Islands, Russia. Marine Ecology - Progress Series, 2012, 471, 293-308.	1.9	11
35	Prey competition between sympatric Steller sea lions (EumetopiasÂjubatus) and northern fur seals (CallorhinusÂursinus) on Lovushki Island, Russia. Canadian Journal of Zoology, 2012, 90, 110-127.	1.0	25
36	Range and primary habitats of Hawaiian insular false killer whales: informing determination of critical habitat. Endangered Species Research, 2012, 18, 47-61.	2.4	42

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37	Development of the aerobic dive limit and muscular efficiency in northern fur seals (Callorhinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2012, 182, 425-436.	1.5	23
38	Eddies as offshore foraging grounds for melonâ€headed whales (Peponocephala electra). Marine Mammal Science, 2012, 28, 638-647.	1.8	41
39	Resource partitioning by sympatric Steller sea lions and northern fur seals as revealed by biochemical dietary analyses and satellite telemetry. Journal of Experimental Marine Biology and Ecology, 2012, 416-417, 41-54.	1.5	26
40	Differentiating between Steller sea lion (Eumetopias jubatus) and northern fur seal (Callorhinus ursinus) scats through analysis of faecal DNA. Molecular Ecology Resources, 2011, 11, 166-170.	4.8	3
41	Movements of two satelliteâ€tagged pygmy killer whales (Feresa attenuata) off the island of Hawaiâ€˜i. Marine Mammal Science, 2011, 27, E332.	1.8	23
42	Satellite tracking of a killer whale (Orcinus orca) in the eastern Canadian Arctic documents ice avoidance and rapid, long-distance movement into the North Atlantic. Polar Biology, 2011, 34, 1091-1096.	1.2	75
43	Hematology of Free-Ranging, Lactating Northern Fur Seals, Callorhinus ursinus. Journal of Wildlife Diseases, 2011, 47, 217-221.	0.8	10
44	Short Note: Open-Ocean Movements of a Satellite-Tagged Blainvilleâ€™s Beaked Whale (Mesoplodon) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	22
45	Seasonal migrations of Sea of Okhotsk beluga whales (Delphinapterus leucas) of the Sakhalin-Amur summer aggregation. Russian Journal of Marine Biology, 2010, 36, 56-62.	0.6	9
46	Three-dimensional resting behaviour of northern elephant seals: drifting like a falling leaf. Biology Letters, 2010, 6, 163-166.	2.3	114
47	Abdominally Implanted Transmitters with Percutaneous Antennas Affect the Dive Performance of Common Eiders. Condor, 2010, 112, 314-322.	1.6	22
48	Movements and habitat use of satellite-tagged false killer whales around the main Hawaiian Islands. Endangered Species Research, 2010, 10, 107-121.	2.4	61
49	Serum Chemistry Values of Free-ranging, Lactating Northern Fur Seals (Callorhinus ursinus). Journal of Wildlife Diseases, 2009, 45, 843-848.	0.8	5
50	Foraging behavior of adult female Steller sea lions during the breeding season in Southeast Alaska. Marine Mammal Science, 2009, 25, 588-604.	1.8	25
51	A novel method for identifying behavioural changes in animal movement data. Ecology Letters, 2009, 12, 395-408.	6.4	300
52	Validation of the use of doubly labeled water for estimating metabolic rate in the green turtle (Chelonia mydas L.): a word of caution. Journal of Experimental Biology, 2009, 212, 2635-2644.	1.7	43
53	Head striking during fish capture attempts by Steller sea lions and the potential for using head surge acceleration to predict feeding behavior. Endangered Species Research, 2009, 10, 61-69.	2.4	22
54	Movements of satellite-tagged Blainvilleâ€™s beaked whales off the island of Hawaiâ€˜i. Endangered Species Research, 2009, 10, 203-213.	2.4	52

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55	Satellite tracking reveals distinct movement patterns for Type B and Type C killer whales in the southern Ross Sea, Antarctica. Polar Biology, 2008, 31, 1461-1468.	1.2	140
56	Effects of Diving and Swimming Behavior on Body Temperatures of Pacific Leatherback Turtles in Tropical Seas. Physiological and Biochemical Zoology, 2005, 78, 285-297.	1.5	59
57	Biotelemetry: a mechanistic approach to ecology. Trends in Ecology and Evolution, 2004, 19, 334-343.	8.7	706
58	Allometric cascade: a model for resolving body mass effects on metabolism. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2003, 134, 675-691.	1.8	98
59	Predicting metabolic rate from heart rate in juvenile Steller sea lionsEumetopias jubatus. Journal of Experimental Biology, 2003, 206, 1941-1951.	1.7	47
60	Allometric cascade as a unifying principle of body mass effects on metabolism. Nature, 2002, 417, 166-170.	27.8	433
61	Breathing frequencies of northern elephant seals at sea and on land revealed by heart rate spectral analysis. Respiration Physiology, 2000, 123, 71-85.	2.7	53
62	Cardiac responses to first ever submergence in double-crested cormorant chicks (Phalacrocorax) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 1999, 124, 523-530.	1.8	7
63	Remotely releasable instruments for monitoring the foraging behaviour of pinnipeds. Marine Ecology - Progress Series, 1998, 175, 289-294.	1.9	30
64	Heart Rate and Oxygen Consumption of Northern Elephant Seals during Diving in the Laboratory. Physiological Zoology, 1998, 71, 116-125.	1.5	55
65	Instrumentation for the remote monitoring of physiological and behavioral variables. Journal of Applied Physiology, 1998, 85, 1974-1981.	2.5	28