

# Russel Andrews

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Biotelemetry: a mechanistic approach to ecology. <i>Trends in Ecology and Evolution</i> , 2004, 19, 334-343.	8.7	706
2	Allometric cascade as a unifying principle of body mass effects on metabolism. <i>Nature</i> , 2002, 417, 166-170.	27.8	433
3	A novel method for identifying behavioural changes in animal movement data. <i>Ecology Letters</i> , 2009, 12, 395-408.	6.4	300
4	First Long-Term Behavioral Records from Cuvier's Beaked Whales ( <i>Ziphius cavirostris</i> ) Reveal Record-Breaking Dives. <i>PLoS ONE</i> , 2014, 9, e92633.	2.5	255
5	Satellite tracking reveals distinct movement patterns for Type B and Type C killer whales in the southern Ross Sea, Antarctica. <i>Polar Biology</i> , 2008, 31, 1461-1468.	1.2	140
6	Three-dimensional resting behaviour of northern elephant seals: drifting like a falling leaf. <i>Biology Letters</i> , 2010, 6, 163-166.	2.3	114
7	Allometric cascade: a model for resolving body mass effects on metabolism. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2003, 134, 675-691.	1.8	98
8	Satellite tracking of a killer whale ( <i>Orcinus orca</i> ) in the eastern Canadian Arctic documents ice avoidance and rapid, long-distance movement into the North Atlantic. <i>Polar Biology</i> , 2011, 34, 1091-1096.	1.2	75
9	Movements and habitat use of satellite-tagged false killer whales around the main Hawaiian Islands. <i>Endangered Species Research</i> , 2010, 10, 107-121.	2.4	61
10	Effects of Diving and Swimming Behavior on Body Temperatures of Pacific Leatherback Turtles in Tropical Seas. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 285-297.	1.5	59
11	Diving behaviour of Cuvier's beaked whales exposed to two types of military sonar. <i>Royal Society Open Science</i> , 2017, 4, 170629.	2.4	58
12	Best practice guidelines for cetacean tagging. <i>Journal of Cetacean Research and Management</i> , 2019, 20, 27-66.	0.4	58
13	Heart Rate and Oxygen Consumption of Northern Elephant Seals during Diving in the Laboratory. <i>Physiological Zoology</i> , 1998, 71, 116-125.	1.5	55
14	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.	2.7	53
15	Movements of satellite-tagged Blainville's beaked whales off the island of Hawaii. <i>Endangered Species Research</i> , 2009, 10, 203-213.	2.4	52
16	Movement and diving of killer whales ( <i>Orcinus orca</i> ) at a Southern Ocean archipelago. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 473, 90-102.	1.5	51
17	Characterizing a Foraging Hotspot for Short-Finned Pilot Whales and Blainville's Beaked Whales Located off the West Side of Hawaii's Island by Using Tagging and Oceanographic Data. <i>PLoS ONE</i> , 2015, 10, e0142628.	2.5	50
18	Predicting metabolic rate from heart rate in juvenile Steller sea lions <i>Eumetopias jubatus</i> . <i>Journal of Experimental Biology</i> , 2003, 206, 1941-1951.	1.7	47

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19	Should I stay or should I go? Modelling year-round habitat suitability and drivers of residency for fin whales in the California Current. <i>Diversity and Distributions</i> , 2017, 23, 1204-1215.	4.1	45
20	Validation of the use of doubly labeled water for estimating metabolic rate in the green turtle ( <i>Chelonia mydas</i> L.): a word of caution. <i>Journal of Experimental Biology</i> , 2009, 212, 2635-2644.	1.7	43
21	Rope trauma, sedation, disentanglement, and monitoring-tag associated lesions in a terminally entangled North Atlantic right whale ( <i>Eubalaena glacialis</i> ). <i>Marine Mammal Science</i> , 2013, 29, E98.	1.8	43
22	Range and primary habitats of Hawaiian insular false killer whales: informing determination of critical habitat. <i>Endangered Species Research</i> , 2012, 18, 47-61.	2.4	42
23	Eddies as offshore foraging grounds for melon-headed whales ( <i>Peponocephala electra</i> ). <i>Marine Mammal Science</i> , 2012, 28, 638-647.	1.8	41
24	Remotely releasable instruments for monitoring the foraging behaviour of pinnipeds. <i>Marine Ecology - Progress Series</i> , 1998, 175, 289-294.	1.9	30
25	Acoustic tracking of sperm whales in the Gulf of Alaska using a two-element vertical array and tags. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 2446-2461.	1.1	30
26	Instrumentation for the remote monitoring of physiological and behavioral variables. <i>Journal of Applied Physiology</i> , 1998, 85, 1974-1981.	2.5	28
27	Trackline and point detection probabilities for acoustic surveys of Cuvier's and Blainville's beaked whales. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 2486-2496.	1.1	28
28	Depredating sperm whales in the Gulf of Alaska: local habitat use and long distance movements across putative population boundaries. <i>Endangered Species Research</i> , 2014, 24, 125-135.	2.4	28
29	Physiological, morphological, and ecological tradeoffs influence vertical habitat use of deep-diving toothed-whales in the Bahamas. <i>PLoS ONE</i> , 2017, 12, e0185113.	2.5	27
30	Lunar cycles influence the diving behavior and habitat use of short-finned pilot whales around the main Hawaiian Islands. <i>Marine Ecology - Progress Series</i> , 2019, 629, 193-206.	1.9	27
31	Resource partitioning by sympatric Steller sea lions and northern fur seals as revealed by biochemical dietary analyses and satellite telemetry. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 416-417, 41-54.	1.5	26
32	Foraging areas, migratory movements and winter destinations of blue whales from the western North Atlantic. <i>Endangered Species Research</i> , 2017, 34, 27-43.	2.4	26
33	Foraging behavior of adult female Steller sea lions during the breeding season in Southeast Alaska. <i>Marine Mammal Science</i> , 2009, 25, 588-604.	1.8	25
34	Prey competition between sympatric Steller sea lions ( <i>Eumetopias jubatus</i> ) and northern fur seals ( <i>Callorhinus ursinus</i> ) on Lovushki Island, Russia. <i>Canadian Journal of Zoology</i> , 2012, 90, 110-127.	1.0	25
35	Movements of two satellite-tagged pygmy killer whales ( <i>Feresa attenuata</i> ) off the island of Hawai'i. <i>Marine Mammal Science</i> , 2011, 27, E332.	1.8	23
36	Development of the aerobic dive limit and muscular efficiency in northern fur seals ( <i>Callorhinus</i> ). <i>Tj ETQqO O 0 rgBT /Overlock 10 Tf 50 67</i> 2012, 182, 425-436.	1.5	23

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37	Head striking during fish capture attempts by Steller sea lions and the potential for using head surge acceleration to predict feeding behavior. <i>Endangered Species Research</i> , 2009, 10, 61-69.	2.4	22
38	Abdominally Implanted Transmitters with Percutaneous Antennas Affect the Dive Performance of Common Eiders. <i>Condor</i> , 2010, 112, 314-322.	1.6	22
39	Short Note: Open-Ocean Movements of a Satellite-Tagged Blainville's Beaked Whale ( <i>Mesoplodon</i> ) Tj ETQq1 1 0.784314.rgBT /Ov	0.7	22
40	Best practice recommendations for the use of external telemetry devices on pinnipeds. <i>Animal Biotelemetry</i> , 2019, 7, .	1.9	22
41	Diving physiology of seabirds and marine mammals: Relevance, challenges and some solutions for field studies. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2016, 202, 38-52.	1.8	21
42	A week in the life of a pygmy blue whale: migratory dive depth overlaps with large vessel drafts. <i>Animal Biotelemetry</i> , 2016, 4, .	1.9	21
43	New insights into the northward migration route of gray whales between Vancouver Island, British Columbia, and southeastern Alaska. <i>Marine Mammal Science</i> , 2013, 29, 325-337.	1.8	18
44	Age Specific Survival Rates of Steller Sea Lions at Rookeries with Divergent Population Trends in the Russian Far East. <i>PLoS ONE</i> , 2015, 10, e0127292.	2.5	18
45	Satellite Tagging and Biopsy Sampling of Killer Whales at Subantarctic Marion Island: Effectiveness, Immediate Reactions and Long-Term Responses. <i>PLoS ONE</i> , 2014, 9, e111835.	2.5	18
46	Proxies of food intake and energy expenditure for estimating the time- $\epsilon$ energy budgets of lactating northern fur seals <i>Callorhinus ursinus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 107-115.	1.5	16
47	Diel Dive Behavior of Fin Whales ( <i>Balaenoptera physalus</i> ) in the Southern California Bight. <i>Aquatic Mammals</i> , 2019, 45, 233-243.	0.7	15
48	Seasonal and pod-specific differences in core use areas by resident killer whales in the Northern Gulf of Alaska. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 147, 196-202.	1.4	12
49	Water temperature correlates with baleen whale foraging behaviour at multiple scales in the Antarctic. <i>Marine and Freshwater Research</i> , 2019, 70, 19.	1.3	12
50	The effects of experimentally induced hyperthyroidism on the diving physiology of harbor seals ( <i>Phoca vitulina</i> ). <i>Frontiers in Physiology</i> , 2012, 3, 380.	2.8	11
51	Influence of environment, morphology, and instrument size on lactating northern fur seal <i>Callorhinus ursinus</i> foraging behavior on the Lovushki Islands, Russia. <i>Marine Ecology - Progress Series</i> , 2012, 471, 293-308.	1.9	11
52	Biochemical and clinical responses of Common Eiders to implanted satellite transmitters. <i>Condor</i> , 2016, 118, 489-501.	1.6	11
53	Hematology of Free-Ranging, Lactating Northern Fur Seals, <i>Callorhinus ursinus</i> . <i>Journal of Wildlife Diseases</i> , 2011, 47, 217-221.	0.8	10
54	Seasonal migrations of Sea of Okhotsk beluga whales ( <i>Delphinapterus leucas</i> ) of the Sakhalin-Amur summer aggregation. <i>Russian Journal of Marine Biology</i> , 2010, 36, 56-62.	0.6	9

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55	Two methods of radio transmitter attachment and their effects on the behavior and energetics of captive long-tailed ducks ( <i>Clangula hyemalis</i> ) during winter. <i>Animal Biotelemetry</i> , 2015, 3, .	1.9	9
56	Cardiac responses to first ever submergence in double-crested cormorant chicks ( <i>Phalacrocorax</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 1999, 124, 523-530.	1.8	7
57	Occurrence and distribution of mitochondrial lineages of gray whales ( <i>Eschrichtius robustus</i> ) in Russian Far Eastern seas. <i>Biology Bulletin</i> , 2015, 42, 34-42.	0.5	7
58	Beluga whale ( <i>Delphinapterus leucas</i> ) acoustic foraging behavior and applications for long term monitoring. <i>PLoS ONE</i> , 2021, 16, e0260485.	2.5	7
59	Adult Steller sea lion mortality on rookeries in the Russian Far East, 2002â€“2010. <i>Russian Journal of Marine Biology</i> , 2012, 38, 442-447.	0.6	6
60	Serum Chemistry Values of Free-ranging, Lactating Northern Fur Seals ( <i>Callorhinus ursinus</i> ). <i>Journal of Wildlife Diseases</i> , 2009, 45, 843-848.	0.8	5
61	Ontogeny of early diving and foraging behavior of northern fur seal ( <i>Callorhinus ursinus</i> ) pups from Bering Island, Russia. <i>Marine Biology</i> , 2014, 161, 1165-1178.	1.5	5
62	Fur seals do, but sea lions don't â€” cross taxa insights into exhalation during ascent from dives. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200219.	4.0	5
63	Diving behavior, foraging strategies, and energetics of female Steller sea lions during early lactation. <i>Journal of Experimental Marine Biology and Ecology</i> , 2022, 550, 151707.	1.5	5
64	Differentiating between Steller sea lion ( <i>Eumetopias jubatus</i> ) and northern fur seal ( <i>Callorhinus ursinus</i> ) scats through analysis of faecal DNA. <i>Molecular Ecology Resources</i> , 2011, 11, 166-170.	4.8	3
65	Foraging behavior of lactating northern fur seals ( <i>Callorhinus ursinus</i> ) in the Commander Islands, Russia. <i>Polar Biology</i> , 2016, 39, 357-363.	1.2	0