

Robin W Baird

List of Publications by Year in descending order

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108
papers

5,298
citations

76326

40
h-index

98798

67
g-index

113
all docs

113
docs citations

113
times ranked

3548
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of Killer Whale interactions with other marine mammals: predation to coexistence. <i>Mammal Review</i> , 1991, 21, 151-180.	4.8	277
2	Genome-culture coevolution promotes rapid divergence of killer whale ecotypes. <i>Nature Communications</i> , 2016, 7, 11693.	12.8	222
3	Ecological and social determinants of group size in transient killer whales. <i>Behavioral Ecology</i> , 1996, 7, 408-416.	2.2	204
4	Occurrence and behaviour of transient killer whales: seasonal and pod-specific variability, foraging behaviour, and prey handling. <i>Canadian Journal of Zoology</i> , 1995, 73, 1300-1311.	1.0	202
5	Social organization of mammal-eating killer whales: group stability and dispersal patterns. <i>Canadian Journal of Zoology</i> , 2000, 78, 2096-2105.	1.0	182
6	Deep-diving behaviour of the northern bottlenose whale, <i>Hyperoodon ampullatus</i> (Cetacea). <i>Journal of Heredity</i> , 2007, 98, 101-108.	2.6	168
7	False killer whales (<i>Pseudorca crassidens</i>) around the main Hawaiian Islands: Long-term site fidelity, inter-island movements, and association patterns. <i>Marine Mammal Science</i> , 2008, 24, 591-612.	1.8	131
8	Diving behaviour of Cuvier's (<i>Ziphius cavirostris</i>) and Blainville's (<i>Mesoplodon densirostris</i>) beaked whales in Hawaii. <i>Canadian Journal of Zoology</i> , 2006, 84, 1120-1128.	1.0	129
9	Possible indirect interactions between transient and resident killer whales: implications for the evolution of foraging specializations in the genus <i>Orcinus</i> . <i>Oecologia</i> , 1992, 89, 125-132.	2.0	128
10	SITE FIDELITY, ASSOCIATIONS, AND MOVEMENTS OF CUVIER'S (<i>ZIPHIUS CAVIROSTRIS</i>) AND BLAINVILLE'S (<i>MESOPLONDON DENSIROSTRIS</i>) BEAKED WHALES OFF THE ISLAND OF HAWAII. <i>Marine Mammal Science</i> , 2007, 23, 666-687.	1.8	115
11	Distinguishing the Impacts of Inadequate Prey and Vessel Traffic on an Endangered Killer Whale (<i>Orcinus orca</i>) Population. <i>PLoS ONE</i> , 2012, 7, e36842.	2.5	110
12	Low worldwide genetic diversity in the killer whale (<i>Orcinus orca</i>): implications for demographic history. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1467-1473.	2.6	108
13	Species and stock identification of prey consumed by endangered southern resident killer whales in their summer range. <i>Endangered Species Research</i> , 2010, 11, 69-82.	2.4	107
14	Persistent organic pollutants and stable isotopes in biopsy samples (2004/2006) from Southern Resident killer whales. <i>Marine Pollution Bulletin</i> , 2007, 54, 1903-1911.	5.0	104
15	Diel variation in beaked whale diving behavior. <i>Marine Mammal Science</i> , 2008, 24, 630-642.	1.8	104
16	Factors influencing the diving behaviour of fish-eating killer whales: sex differences and diel and interannual variation in diving rates. <i>Canadian Journal of Zoology</i> , 2005, 83, 257-267.	1.0	95
17	Near-Real-Time Acoustic Monitoring of Beaked Whales and Other Cetaceans Using a Seaglider. <i>PLoS ONE</i> , 2012, 7, e36128.	2.5	94
18	A Worldwide Perspective on the Population Structure and Genetic Diversity of Bottlenose Dolphins (<i>Tursiops truncatus</i>) in New Zealand. <i>Journal of Heredity</i> , 2009, 100, 11-24.	2.4	91

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19	Effects of age, sex and reproductive status on persistent organic pollutant concentrations in Southern Resident killer whales. <i>Marine Pollution Bulletin</i> , 2009, 58, 1522-1529.	5.0	91
20	Diving and ranging behaviour of odontocetes: a methodological review and critique. <i>Mammal Review</i> , 2001, 31, 81-105.	4.8	88
21	Diving and night-time behavior of long-finned pilot whales in the Ligurian Sea. <i>Marine Ecology - Progress Series</i> , 2002, 237, 301-305.	1.9	85
22	Ingestion of Plastic and Unusual Prey by a Juvenile Harbour Porpoise. <i>Marine Pollution Bulletin</i> , 2000, 40, 719-720.	5.0	84
23	Population structure of island-associated dolphins: Evidence from photo-identification of common bottlenose dolphins (<i>Tursiops truncatus</i>) in the main Hawaiian Islands. <i>Marine Mammal Science</i> , 2009, 25, 251-274.	1.8	77
24	Estimation of a Killer Whale (<i>Orcinus orca</i>) Population's Diet Using Sequencing Analysis of DNA from Feces. <i>PLoS ONE</i> , 2016, 11, e0144956.	2.5	77
25	Site fidelity and association patterns in a deep-water dolphin: Rough-toothed dolphins (<i>Steno Tj ETQq1 1 0.784314 rgBT /Ove</i>	1.8	75
26	Subsurface and nighttime behaviour of pantropical spotted dolphins in Hawai'i. <i>Canadian Journal of Zoology</i> , 2001, 79, 988-996.	1.0	74
27	Predictive Modeling of Spinner Dolphin (<i>Stenella longirostris</i>) Resting Habitat in the Main Hawaiian Islands. <i>PLoS ONE</i> , 2012, 7, e43167.	2.5	72
28	Could beaked whales get the bends?. <i>Respiratory Physiology and Neurobiology</i> , 2009, 167, 235-246.	1.6	71
29	Sperm whale population structure in the eastern and central North Pacific inferred by the use of single nucleotide polymorphisms, microsatellites and mitochondrial DNA. <i>Molecular Ecology Resources</i> , 2011, 11, 278-298.	4.8	63
30	Natural hybridization between Dall's porpoises (<i>Phocoenoides dalli</i>) and harbour porpoises (<i>Phocoena phocoena</i>). <i>Canadian Journal of Zoology</i> , 2004, 82, 828-834.	1.0	59
31	Inferred Paternity and Male Reproductive Success in a Killer Whale (<i>Orcinus orca</i>) Population. <i>Journal of Heredity</i> , 2011, 102, 537-553.	2.4	58
32	Diving behaviour of Cuvier's beaked whales (<i>Ziphius cavirostris</i>) off Cape Hatteras, North Carolina. <i>Royal Society Open Science</i> , 2019, 6, 181728.	2.4	56
33	Genetic variation and evidence for population structure in eastern North Pacific false killer whales (<i>Pseudorca crassidens</i>). <i>Canadian Journal of Zoology</i> , 2007, 85, 783-794.	1.0	51
34	False Killer Whale Dorsal Fin Disfigurements as a Possible Indicator of Long-Line Fishery Interactions in Hawaiian Waters. <i>Pacific Science</i> , 2005, 59, 593-601.	0.6	50
35	Population structure of island-associated dolphins: Evidence from mitochondrial and microsatellite markers for common bottlenose dolphins (<i>Tursiops truncatus</i>) around the main Hawaiian Islands. <i>Marine Mammal Science</i> , 2012, 28, E208.	1.8	50
36	Characterizing a Foraging Hotspot for Short-Finned Pilot Whales and Blainville's Beaked Whales Located off the West Side of Hawai'i Island by Using Tagging and Oceanographic Data. <i>PLoS ONE</i> , 2015, 10, e0142628.	2.5	50

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37	Nuclear and Mitochondrial Patterns of Population Structure in North Pacific False Killer Whales (<i>Pseudorca crassidens</i>). <i>Journal of Heredity</i> , 2014, 105, 611-626.	2.4	49
38	Nurturant behavior toward dead conspecifics in free-ranging mammals: new records for odontocetes and a general review. <i>Journal of Mammalogy</i> , 2016, 97, 1428-1434.	1.3	48
39	Killer Whales in Hawaiian Waters: Information on Population Identity and Feeding Habits. <i>Pacific Science</i> , 2006, 60, 523-530.	0.6	46
40	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. <i>Molecular Ecology</i> , 2019, 28, 3427-3444.	3.9	46
41	Site fidelity and association patterns of a rare species: Pygmy killer whales (<i>Feresa attenuata</i>) in the main Hawaiian Islands. <i>Marine Mammal Science</i> , 2009, 25, 557-572.	1.8	44
42	High site fidelity, strong associations, and long-term bonds: Short-finned pilot whales off the island of Hawai'i. <i>Marine Mammal Science</i> , 2015, 31, 1427-1451.	1.8	43
43	Host-derived population genomics data provides insights into bacterial and diatom composition of the killer whale skin. <i>Molecular Ecology</i> , 2019, 28, 484-502.	3.9	42
44	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
45	Vulnerability of a killer whale social network to disease outbreaks. <i>Physical Review E</i> , 2007, 76, 042901.	2.1	40
46	Runs of homozygosity in killer whale genomes provide a global record of demographic histories. <i>Molecular Ecology</i> , 2021, 30, 6162-6177.	3.9	39
47	False killer whales and fisheries interactions in Hawaiian waters: Evidence for sex bias and variation among populations and social groups. <i>Marine Mammal Science</i> , 2015, 31, 579-590.	1.8	38
48	Endangered predators and endangered prey: Seasonal diet of Southern Resident killer whales. <i>PLoS ONE</i> , 2021, 16, e0247031.	2.5	38
49	Population structure of melon-headed whales (<i>Peponocephala electra</i>) in the Hawaiian Archipelago: Evidence of multiple populations based on photo identification. <i>Marine Mammal Science</i> , 2012, 28, 666-689.	1.8	36
50	Future Directions in Research on Beaked Whales. <i>Frontiers in Marine Science</i> , 2019, 5, .	2.5	34
51	An intergeneric hybrid in the family Phocoenidae. <i>Canadian Journal of Zoology</i> , 1998, 76, 198-204.	1.0	30
52	Diet of pygmy sperm whales (<i>Kogia breviceps</i>) in the Hawaiian Archipelago. <i>Marine Mammal Science</i> , 2009, 25, 931-943.	1.8	30
53	High levels of persistent organic pollutants measured in blubber of island-associated false killer whales (<i>Pseudorca crassidens</i>) around the main Hawaiian Islands. <i>Marine Pollution Bulletin</i> , 2009, 58, 1932-1937.	5.0	29
54	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

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55	Evidence of an Island-Associated Population of False Killer Whales (<i>Pseudorca crassidens</i>) in the Northwestern Hawaiian Islands. <i>Pacific Science</i> , 2013, 67, 513-521.	0.6	28
56	<i>Pseudorca crassidens</i> . <i>Mammalian Species</i> , 1994, , 1.	0.7	27
57	The developmental biogeography of hawksbill sea turtles in the North Pacific. <i>Ecology and Evolution</i> , 2016, 6, 2378-2389.	1.9	27
58	Behavior and Ecology of Not-So-Social Odontocetes: Cuvier's and Blainville's Beaked Whales. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2019, , 305-329.	0.9	27
59	REACTIONS OF BOTTLENOSE DOLPHINS TO TAGGING ATTEMPTS USING A REMOTELY-DEPLOYED SUCTION-CUP TAG. <i>Marine Mammal Science</i> , 1998, 14, 316-324.	1.8	26
60	Modeling the Diving Behavior of Whales: A Latent-Variable Approach with Feedback and Semi-Markovian Components. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2014, 19, 82-100.	1.4	25
61	Risso's Dolphin. , 2009, , 975-976.		24
62	Repeated call types in Hawaiian melon-headed whales (<i>Peponocephala electra</i>). <i>Journal of the Acoustical Society of America</i> , 2014, 136, 1394-1401.	1.1	24
63	Familial social structure and socially driven genetic differentiation in Hawaiian short-finned pilot whales. <i>Molecular Ecology</i> , 2017, 26, 6730-6741.	3.9	24
64	Movements of two satellite-tagged pygmy killer whales (<i>Feresa attenuata</i>) off the island of Hawaii. <i>Marine Mammal Science</i> , 2011, 27, E332.	1.8	23
65	SUSPECTED SURPLUS KILLING OF HARBOR SEAL PUPS (<i>PHOCA VITULINA</i>) BY KILLER WHALES (<i>ORCINUS</i>)	1.1	22
66	Redrawing the map: mtDNA provides new insight into the distribution and diversity of short-finned pilot whales in the Pacific Ocean. <i>Marine Mammal Science</i> , 2016, 32, 1177-1199.	1.8	22
67	Oceanographic barriers, divergence, and admixture: Phylogeography and taxonomy of two putative subspecies of short-finned pilot whale. <i>Molecular Ecology</i> , 2019, 28, 2886-2902.	3.9	22
68	Marine mammal skin microbiotas are influenced by host phylogeny. <i>Royal Society Open Science</i> , 2020, 7, 192046.	2.4	22
69	Multiple Populations of Pantropical Spotted Dolphins in Hawaiian Waters. <i>Journal of Heredity</i> , 2014, 105, 627-641.	2.4	21
70	Evidence of a Possible Decline since 1989 in False Killer Whales (<i>Pseudorca crassidens</i>) around the Main Hawaiian Islands. <i>Pacific Science</i> , 2009, 63, 253-261.	0.6	20
71	Predicting fisheries bycatch: A case study and field test for pilot whales in a pelagic longline fishery. <i>Diversity and Distributions</i> , 2019, 25, 909-923.	4.1	20
72	Speciation in the deep: genomics and morphology reveal a new species of beaked whale <i>Mesoplodon eueu</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211213.	2.6	18

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73	False Killer Whale. , 2009, , 405-406.		16
74	A preliminary study of the movement patterns of false killer whales (<i>Pseudorca crassidens</i>) in coastal and pelagic waters of the Northern Territory, Australia. <i>Marine and Freshwater Research</i> , 2017, 68, 1726.	1.3	15
75	Spatiotemporal patterns of overlap between short-finned pilot whales and the U.S. pelagic longline fishery in the Mid-Atlantic Bight: An assessment to inform the management of fisheries bycatch. <i>Fisheries Research</i> , 2018, 208, 309-320.	1.7	15
76	Staying close to home? Genetic differentiation of rough-toothed dolphins near oceanic islands in the central Pacific Ocean. <i>Conservation Genetics</i> , 2017, 18, 33-51.	1.5	14
77	Cytochrome P4501A1 expression in blubber biopsies of endangered false killer whales (<i>Pseudorca</i>)	1.0	13
78	Site fidelity, spatial use, and behavior of dwarf sperm whales in Hawaiian waters: using small boat surveys, photo-identification, and unmanned aerial systems to study a difficult-to-study species. <i>Marine Mammal Science</i> , 2022, 38, 326-348.	1.8	13
79	BIRTH OF A 'RESIDENT' KILLER WHALE OFF VICTORIA, BRITISH COLUMBIA, CANADA. <i>Marine Mammal Science</i> , 1997, 13, 504-508.	1.8	12
80	Stomach contents and diel diving behavior of melon-headed whales (<i>Peponocephala electra</i>) in Hawaiian waters. <i>Marine Mammal Science</i> , 2018, 34, 1082-1096.	1.8	12
81	Diel and lunar variation in diving behavior of rough-toothed dolphins (<i>Steno</i>)	1.0	12
82	Does a lack of observed beaked whale strandings in military exercise areas mean no impacts have occurred? A comparison of stranding and detection probabilities in the Canary and main Hawaiian Islands. <i>Marine Mammal Science</i> , 2010, 26, 602.	1.8	11
83	Whistle characteristics and daytime dive behavior in pantropical spotted dolphins (<i>Stenella</i>)	1.1	11
84	Song of my people: dialect differences among sympatric social groups of short-finned pilot whales in Hawaii. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	11
85	Life history and social structure as drivers of persistent organic pollutant levels and stable isotopes in Hawaiian false killer whales (<i>Pseudorca crassidens</i>). <i>Science of the Total Environment</i> , 2020, 733, 138880.	8.0	11
86	Swim Speed and Acceleration Measurements of Short-Finned Pilot Whales (<i>Globicephala</i>)	0.6	10
87	Changes in the Occurrence and Behavior of Mammal-Eating Killer Whales in Southern British Columbia and Washington State, 1987-2010. <i>Northwest Science</i> , 2015, 89, 154-169.	0.2	10
88	Acoustic differentiation of Shiho- and Naisa-type short-finned pilot whales in the Pacific Ocean. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 737-748.	1.1	10
89	False Killer Whale. , 2018, , 347-349.		10
90	Population structure in a continuously distributed coastal marine species, the harbor porpoise, based on microhaplotypes derived from poor-quality samples. <i>Molecular Ecology</i> , 2021, 30, 1457-1476.	3.9	10

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91	Pygmy Killer Whales (<l>Feresa attenuata</l>) or False Killer Whales (<l>Pseudorca) Tj ETQq1 1 0.784314 rgBT /Overlap Mammals, 2010, 36, 326-327.	0.7	8
92	Is it all about the haul? Pelagic false killer whale interactions with longline fisheries in the central North Pacific. Fisheries Research, 2020, 230, 105665.	1.7	8
93	Bringing the right fishermen to the table: Indices of overlap between endangered false killer whales and nearshore fisheries in HawaiËi. Biological Conservation, 2021, 255, 108975.	4.1	8
94	Patterns of depredation in the HawaiËi deepâ€set longline fishery informed by fishery and false killer whale behavior. Ecosphere, 2021, 12, e03682.	2.2	8
95	Discriminating and classifying odontocete echolocation clicks in the Hawaiian Islands using machine learning methods. PLoS ONE, 2022, 17, e0266424.	2.5	8
96	Beaked whales with rostrum deformities: Implications for survival and reproduction. Marine Mammal Science, 2017, 33, 946-954.	1.8	6
97	How to tell them apart? Discriminating tropical blackfish species using fin and body measurements from photographs taken at sea. Marine Mammal Science, 2019, 35, 1232-1252.	1.8	6
98	Using dolphins to catch tuna: Assessment of associations between pantropical spotted dolphins and yellowfin tuna hook and line fisheries in HawaiËi. Fisheries Research, 2020, 230, 105652.	1.7	6
99	Adult male Cuvier's beaked whales (<sc><i>Ziphius cavirostris</i></sc>) engage in prolonged bouts of synchronous diving. Marine Mammal Science, 2021, 37, 1085-1100.	1.8	6
100	Survival of a Common Bottlenose Dolphin (<i>Tursiops truncatus</i>) Calf with a Presumptive Gunshot Wound to the Head. Aquatic Mammals, 2019, 45, 543-548.	0.7	6
101	A PRELIMINARY EVALUATION OF INCIDENTAL MORTALITY OF SMALL CETACEANS IN COASTAL FISHERIES IN BRITISH COLUMBIA, CANADA. Marine Mammal Science, 1997, 13, 321-326.	1.8	5
102	Worldwide phylogeography of roughâ€toothed dolphins (<i>Steno bredanensis</i>) provides evidence for subspecies delimitation. Marine Mammal Science, 2022, 38, 1371-1397.	1.8	5
103	Successful suctionâ€cup tagging of a small delphinid species, <i>Stenella attenuata</i>: Insights into whistle characteristics. Marine Mammal Science, 2017, 33, 653-668.	1.8	4
104	5. Biologically Important Areas for Cetaceans Within U.S. Waters â€ HawaiËi Region. Aquatic Mammals, 2015, 41, 54-64.	0.7	4
105	Pygmy Killer Whale. , 2018, , 788-790.		3
106	AQUATIC INTERACTIONS BETWEEN A NORTHERN ELEPHANT SEAL AND HUMANS AT ISLA LOS ISLOTES, B. C. S., MEXICO. Marine Mammal Science, 1998, 14, 202-203.	1.8	1
107	<sc>Odontocetes. The Toothed Whales</sc> by B. M. Culik. Marine Mammal Science, 2012, 28, 780-781.	1.8	0
108	Southernmost Record of False Killer Whale (<i>Pseudorca crassidens</i>). Aquatic Mammals, 2020, 46, 111-113.	0.7	0