

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	Site fidelity, spatial use, and behavior of dwarf sperm whales in Hawaiian waters: using smallâ€boat surveys, photoâ€identification, and unmanned aerial systems to study a difficultâ€toâ€study species. Marine Mammal Science, 2022, 38, 326-348.	1.8	13
2	Discriminating and classifying odontocete echolocation clicks in the Hawaiian Islands using machine learning methods. PLoS ONE, 2022, 17, e0266424.	2.5	8
3	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
4	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
5	Population structure in a continuously distributed coastal marine species, the harbor porpoise, based on microhaplotypes derived from poorâ€quality samples. Molecular Ecology, 2021, 30, 1457-1476.	3.9	10
6	Bringing the right fishermen to the table: Indices of overlap between endangered false killer whales and nearshore fisheries in Hawaiâ€i. Biological Conservation, 2021, 255, 108975.	4.1	8
7	Endangered predators and endangered prey: Seasonal diet of Southern Resident killer whales. PLoS ONE, 2021, 16, e0247031.	2.5	38
8	Diel and lunar variation in diving behavior of roughâ€toothed dolphins (<sc><i>Steno</i>) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50_462 Td (b	1.8	12
9	Patterns of depredation in the Hawaiâ€i deepâ€set longline fishery informed by fishery and false killer whale behavior. Ecosphere, 2021, 12, e03682.	2.2	8
10	Runs of homozygosity in killer whale genomes provide a global record of demographic histories. Molecular Ecology, 2021, 30, 6162-6177.	3.9	39
11	Speciation in the deep: genomics and morphology reveal a new species of beaked whale<i>Mesoplodon eueu</i>. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211213.	2.6	18
12	Life history and social structure as drivers of persistent organic pollutant levels and stable isotopes in Hawaiian false killer whales (<i>Pseudorca crassidens</i>). Science of the Total Environment, 2020, 733, 138880.	8.0	11
13	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
14	Marine mammal skin microbiotas are influenced by host phylogeny. Royal Society Open Science, 2020, 7, 192046.	2.4	22
15	Using dolphins to catch tuna: Assessment of associations between pantropical spotted dolphins and yellowfin tuna hook and line fisheries in Hawaiâ€i. Fisheries Research, 2020, 230, 105652.	1.7	6
16	Southernmost Record of False Killer Whale (<i>Pseudorca crassidens</i>). Aquatic Mammals, 2020, 46, 111-113.	0.7	0
17	Behavior and Ecology of Not-So-Social Odontocetes: Cuvierâ€s and Blainvilleâ€s Beaked Whales. Ethology and Behavioral Ecology of Marine Mammals, 2019, , 305-329.	0.9	27
18	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

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19	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. <i>Molecular Ecology</i> , 2019, 28, 3427-3444.	3.9	46
20	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
21	Future Directions in Research on Beaked Whales. <i>Frontiers in Marine Science</i> , 2019, 5, .	2.5	34
22	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
23	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
24	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
25	Survival of a Common Bottlenose Dolphin (<i>Tursiops truncatus</i>) Calf with a Presumptive Gunshot Wound to the Head. <i>Aquatic Mammals</i> , 2019, 45, 543-548.	0.7	6
26	False Killer Whale. , 2018, , 347-349.		10
27	Pygmy Killer Whale. , 2018, , 788-790.		3
28	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
29	Song of my people: dialect differences among sympatric social groups of short-finned pilot whales in Hawai'i. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	11
30	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
31	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
32	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
33	Beaked whales with rostrum deformities: Implications for survival and reproduction. <i>Marine Mammal Science</i> , 2017, 33, 946-954.	1.8	6
34	Successful suction-cup tagging of a small delphinid species, <i>Stenella attenuata</i> : Insights into whistle characteristics. <i>Marine Mammal Science</i> , 2017, 33, 653-668.	1.8	4
35	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
36	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

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37	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
38	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
39	Whistle characteristics and daytime dive behavior in pantropical spotted dolphins (<i>Stenella</i>). <i>Journal of the Acoustical Society of America</i> , 2016, 140, 421-429.	1.1	11
40	The developmental biogeography of hawksbill sea turtles in the North Pacific. <i>Ecology and Evolution</i> , 2016, 6, 2378-2389.	1.9	27
41	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
42	Genome-culture coevolution promotes rapid divergence of killer whale ecotypes. <i>Nature Communications</i> , 2016, 7, 11693.	12.8	222
43	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
44	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
45	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
46	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
47	5. Biologically Important Areas for Cetaceans Within U.S. Waters of Hawai'i Region. <i>Aquatic Mammals</i> , 2015, 41, 54-64.	0.7	4
48	Cytochrome P4501A1 expression in blubber biopsies of endangered false killer whales (<i>Pseudorca</i>). <i>Journal of Heredity</i> , 2014, 105, 611-626.	2.4	13
49	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
50	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
51	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
52	Multiple Populations of Pantropical Spotted Dolphins in Hawaiian Waters. <i>Journal of Heredity</i> , 2014, 105, 627-641.	2.4	21
53	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
54	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

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55	<sc>Odontocetes. The Toothed Whales</sc> by B. M. Culik. Marine Mammal Science, 2012, 28, 780-781.	1.8	0
56	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. Marine Mammal Science, 2012, 28, E208.	1.8	50
57	Eddies as offshore foraging grounds for melon-headed whales (<i>Peponocephala electra</i>). Marine Mammal Science, 2012, 28, 638-647.	1.8	41
58	Population structure of melon-headed whales (<i>Peponocephala electra</i>) in the Hawaiian Archipelago: Evidence of multiple populations based on photo identification. Marine Mammal Science, 2012, 28, 666-689.	1.8	36
59	Near-Real-Time Acoustic Monitoring of Beaked Whales and Other Cetaceans Using a Seaglider. PLoS ONE, 2012, 7, e36128.	2.5	94
60	Distinguishing the Impacts of Inadequate Prey and Vessel Traffic on an Endangered Killer Whale (<i>Orcinus orca</i>) Population. PLoS ONE, 2012, 7, e36842.	2.5	110
61	Predictive Modeling of Spinner Dolphin (<i>Stenella longirostris</i>) Resting Habitat in the Main Hawaiian Islands. PLoS ONE, 2012, 7, e43167.	2.5	72
62	Sperm whale population structure in the eastern and central North Pacific inferred by the use of single nucleotide polymorphisms, microsatellites and mitochondrial DNA. Molecular Ecology Resources, 2011, 11, 278-298.	4.8	63
63	Inferred Paternity and Male Reproductive Success in a Killer Whale (<i>Orcinus orca</i>) Population. Journal of Heredity, 2011, 102, 537-553.	2.4	58
64	Swim Speed and Acceleration Measurements of Short-Finned Pilot Whales (<i>Globicephala Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	0.6	10
65	Movements of two satellite-tagged pygmy killer whales (<i>Feresa attenuata</i>) off the island of Hawai'i. Marine Mammal Science, 2011, 27, E332.	1.8	23
66	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. Marine Mammal Science, 2010, 26, 602.	1.8	11
67	Pygmy Killer Whales (<i>Feresa attenuata</i>) or False Killer Whales (<i>Pseudorca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 T Mammals, 2010, 36, 326-327.	0.7	8
68	Species and stock identification of prey consumed by endangered southern resident killer whales in their summer range. Endangered Species Research, 2010, 11, 69-82.	2.4	107
69	A Worldwide Perspective on the Population Structure and Genetic Diversity of Bottlenose Dolphins (<i>Tursiops truncatus</i>) in New Zealand. Journal of Heredity, 2009, 100, 11-24.	2.4	91
70	Could beaked whales get the bends?. Respiratory Physiology and Neurobiology, 2009, 167, 235-246.	1.6	71
71	Effects of age, sex and reproductive status on persistent organic pollutant concentrations in Southern Resident killer whales. Marine Pollution Bulletin, 2009, 58, 1522-1529.	5.0	91
72	High levels of persistent organic pollutants measured in blubber of island-associated false killer whales (<i>Pseudorca crassidens</i>) around the main Hawaiian Islands. Marine Pollution Bulletin, 2009, 58, 1932-1937.	5.0	29

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73	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
74	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
75	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
76	False Killer Whale. , 2009, , 405-406.		16
77	Risso's Dolphin. , 2009, , 975-976.		24
78	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
79	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
80	Site fidelity and association patterns in a deep-water dolphin: Rough-toothed dolphins (<i>Steno Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	1.8	75
81	Diel variation in beaked whale diving behavior. <i>Marine Mammal Science</i> , 2008, 24, 630-642.	1.8	104
82	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
83	Vulnerability of a killer whale social network to disease outbreaks. <i>Physical Review E</i> , 2007, 76, 042901.	2.1	40
84	SITE FIDELITY, ASSOCIATIONS, AND MOVEMENTS OF CUVIER'S (ZIPHIUS CAVIROSTRIS) AND BLAINVILLE'S (MESOPLODON DENSIROSTRIS) BEAKED WHALES OFF THE ISLAND OF HAWAII. <i>Marine Mammal Science</i> , 2007, 23, 666-687.	1.8	115
85	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
86	Diving behaviour of Cuvier's (Ziphius cavirostris) and Blainville's (Mesoplodon densirostris) beaked whales in Hawaii. <i>Canadian Journal of Zoology</i> , 2006, 84, 1120-1128.	1.0	129
87	Killer Whales in Hawaiian Waters: Information on Population Identity and Feeding Habits. <i>Pacific Science</i> , 2006, 60, 523-530.	0.6	46
88	SUSPECTED SURPLUS KILLING OF HARBOR SEAL PUPS (PHOCA VITULINA) BY KILLER WHALES (ORCINUS) Tj ETQq0 0 0 rgBT /Overlock 1	0.4	22
89	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
90	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

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91	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
92	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
93	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
94	Subsurface and nighttime behaviour of pantropical spotted dolphins in Hawai'i. <i>Canadian Journal of Zoology</i> , 2001, 79, 988-996.	1.0	74
95	Diving and ranging behaviour of odontocetes: a methodological review and critique. <i>Mammal Review</i> , 2001, 31, 81-105.	4.8	88
96	Ingestion of Plastic and Unusual Prey by a Juvenile Harbour Porpoise. <i>Marine Pollution Bulletin</i> , 2000, 40, 719-720.	5.0	84
97	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
98	Deep-diving behaviour of the northern bottlenose whale, <i>Hyperoodon ampullatus</i> (Cetacea). <i>Journal of Marine Biology</i> , 2000, 70, 107-116.	2.6	168
99	AQUATIC INTERACTIONS BETWEEN A NORTHERN ELEPHANT SEAL AND HUMANS AT ISLA LOS ISLOTES, B. C. S., MEXICO. <i>Marine Mammal Science</i> , 1998, 14, 202-203.	1.8	1
100	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
101	An intergeneric hybrid in the family Phocoenidae. <i>Canadian Journal of Zoology</i> , 1998, 76, 198-204.	1.0	30
102	A PRELIMINARY EVALUATION OF INCIDENTAL MORTALITY OF SMALL CETACEANS IN COASTAL FISHERIES IN BRITISH COLUMBIA, CANADA. <i>Marine Mammal Science</i> , 1997, 13, 321-326.	1.8	5
103	BIRTH OF A 'RESIDENT' KILLER WHALE OFF VICTORIA, BRITISH COLUMBIA, CANADA. <i>Marine Mammal Science</i> , 1997, 13, 504-508.	1.8	12
104	Ecological and social determinants of group size in transient killer whales. <i>Behavioral Ecology</i> , 1996, 7, 408-416.	2.2	204
105	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
106	<i>Pseudorca crassidens</i> . <i>Mammalian Species</i> , 1994, , 1.	0.7	27
107	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
108	A review of Killer Whale interactions with other marine mammals: predation to coexistence. <i>Mammal Review</i> , 1991, 21, 151-180.	4.8	277