

# Hal Whitehead

## List of Publications by Year in descending order

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185  
papers

12,894  
citations

25034

57  
h-index

31849

101  
g-index

187  
all docs

187  
docs citations

187  
times ranked

6002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Culture in whales and dolphins. Behavioral and Brain Sciences, 2001, 24, 309-324.	0.7	848
2	Constructing, conducting and interpreting animal social network analysis. Journal of Animal Ecology, 2015, 84, 1144-1163.	2.8	653
3	SOCPROG programs: analysing animal social structures. Behavioral Ecology and Sociobiology, 2009, 63, 765-778.	1.4	602
4	Decline in Relative Abundance of Bottlenose Dolphins Exposed to Long-Term Disturbance. Conservation Biology, 2006, 20, 1791-1798.	4.7	515
5	Techniques for Analyzing Vertebrate Social Structure Using Identified Individuals: Review and Recommendations. Advances in the Study of Behavior, 1999, 28, 33-74.	1.6	297
6	Interpreting short-term behavioural responses to disturbance within a longitudinal perspective. Animal Behaviour, 2006, 72, 1149-1158.	1.9	258
7	Cetaceans Have Complex Brains for Complex Cognition. PLoS Biology, 2007, 5, e139.	5.6	239
8	Male Competition in Large Groups of Wintering Humpback Whales. Behaviour, 1983, 83, 132-154.	0.8	225
9	Social evolution in toothed whales. Trends in Ecology and Evolution, 1998, 13, 228-232.	8.7	221
10	Social organization of mammal-eating killer whales: group stability and dispersal patterns. Canadian Journal of Zoology, 2000, 78, 2096-2105.	1.0	182
11	Babysitting, dive synchrony, and indications of alloparental care in sperm whales. Behavioral Ecology and Sociobiology, 1996, 38, 237-244.	1.4	173
12	Marine Protected Area Design and the Spatial and Temporal Distribution of Cetaceans in a Submarine Canyon. Conservation Biology, 1999, 13, 592-602.	4.7	172
13	Analysing animal social structure. Animal Behaviour, 1997, 53, 1053-1067.	1.9	167
14	Investigating structure and temporal scale in social organizations using identified individuals. Behavioral Ecology, 1995, 6, 199-208.	2.2	159
15	Culture and conservation of non-humans with reference to whales and dolphins: review and new directions. Biological Conservation, 2004, 120, 427-437.	4.1	158
16	Sperm whale social units: variation and change. Canadian Journal of Zoology, 1998, 76, 1431-1440.	1.0	144
17	Incorporating uncertainty into the study of animal social networks. Animal Behaviour, 2008, 75, 1809-1815.	1.9	142
18	Testing association patterns of social animals. Animal Behaviour, 1999, 57, F26-F29.	1.9	140

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19	Precision and power in the analysis of social structure using associations. <i>Animal Behaviour</i> , 2008, 75, 1093-1099.	1.9	138
20	Animal cultures matter for conservation. <i>Science</i> , 2019, 363, 1032-1034.	12.6	136
21	Testing association patterns: issues arising and extensions. <i>Animal Behaviour</i> , 2005, 69, e1.	1.9	130
22	Female philopatry in coastal basins and male dispersion across the North Atlantic in a highly mobile marine species, the sperm whale ( <i>Physeter macrocephalus</i> ). <i>Molecular Ecology</i> , 2009, 18, 4193-4205.	3.9	118
23	Selection of Models of Lagged Identification Rates and Lagged Association Rates Using AIC and QAIC. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2007, 36, 1233-1246.	1.2	117
24	Coda communication by sperm whales ( <i>Physeter macrocephalus</i> ) off the Galápagos Islands. <i>Canadian Journal of Zoology</i> , 1993, 71, 744-752.	1.0	115
25	Social organization of female sperm whales and their offspring: constant companions and casual acquaintances. <i>Behavioral Ecology and Sociobiology</i> , 1991, 29, 385-389.	1.4	114
26	Behavioural evidence for social units in long-finned pilot whales. <i>Canadian Journal of Zoology</i> , 2003, 81, 1327-1338.	1.0	110
27	Distribution and movements of West Indian humpback whales in winter. <i>Canadian Journal of Zoology</i> , 1982, 60, 2203-2211.	1.0	108
28	ANALYSIS OF ANIMAL MOVEMENT USING OPPORTUNISTIC INDIVIDUAL IDENTIFICATIONS: APPLICATION TO SPERM WHALES. <i>Ecology</i> , 2001, 82, 1417-1432.	3.2	107
29	The interplay between social networks and culture: theoretically and among whales and dolphins. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120340.	4.0	102
30	Movements, habitat use and feeding success of cultural clans of South Pacific sperm whales. <i>Journal of Animal Ecology</i> , 2004, 73, 190-196.	2.8	101
31	Diving behaviour of the sperm whale, <i>Physeter macrocephalus</i> , off the Galapagos Islands. <i>Canadian Journal of Zoology</i> , 1989, 67, 839-846.	1.0	98
32	Patterns of Visually Observable Behaviour and Vocalizations in Groups of Female Sperm Whales. <i>Behaviour</i> , 1991, 118, 275-296.	0.8	94
33	Multilevel animal societies can emerge from cultural transmission. <i>Nature Communications</i> , 2015, 6, 8091.	12.8	94
34	Analysis of Spix's disc-winged bat association patterns and roosting home ranges reveal a novel social structure among bats. <i>Animal Behaviour</i> , 2004, 68, 507-521.	1.9	93
35	Multilevel Societies of Female Sperm Whales ( <i>Physeter macrocephalus</i> ) in the Atlantic and Pacific: Why Are They So Different?. <i>International Journal of Primatology</i> , 2012, 33, 1142-1164.	1.9	88
36	Social organization in northern bottlenose whales, <i>Hyperoodon ampullatus</i> : not driven by deep-water foraging?. <i>Animal Behaviour</i> , 2001, 62, 369-377.	1.9	86

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37	The evolution of conformist social learning can cause population collapse in realistically variable environments. <i>Evolution and Human Behavior</i> , 2009, 30, 261-273.	2.2	86
38	PHOTOGRAPHIC IDENTIFICATION OF NORTHERN BOTTLENOSE WHALES ( <i>HYPEROODON AMPULLATUS</i> ): SOURCES OF HETEROGENEITY FROM NATURAL MARKS. <i>Marine Mammal Science</i> , 2001, 17, 76-93.	1.8	84
39	Structure and stability of humpback whale groups off Newfoundland. <i>Canadian Journal of Zoology</i> , 1983, 61, 1391-1397.	1.0	81
40	Past and Distant Whaling and the Rapid Decline of Sperm Whales off the Galapagos Islands. <i>Conservation Biology</i> , 1997, 11, 1387-1396.	4.7	81
41	Conserving and managing animals that learn socially and share cultures. <i>Learning and Behavior</i> , 2010, 38, 329-336.	1.0	81
42	The reach of gene-culture coevolution in animals. <i>Nature Communications</i> , 2019, 10, 2405.	12.8	81
43	Overlapping and matching of codas in vocal interactions between sperm whales: insights into communication function. <i>Animal Behaviour</i> , 2008, 76, 1977-1988.	1.9	80
44	Distinctive vocalizations from mature male sperm whales ( <i>Physeter macrocephalus</i> ). <i>Canadian Journal of Zoology</i> , 1988, 66, 1931-1937.	1.0	78
45	Click rates from sperm whales. <i>Journal of the Acoustical Society of America</i> , 1990, 87, 1798-1806.	1.1	78
46	Temporal and geographic variation in the social structure of female sperm whales. <i>Canadian Journal of Zoology</i> , 1992, 70, 2145-2149.	1.0	75
47	Distribution and habitat partitioning by small odontocetes in the Gully, a submarine canyon on the Scotian Shelf. <i>Canadian Journal of Zoology</i> , 1995, 73, 1599-1608.	1.0	75
48	Generalized affiliation indices extract affiliations from social network data. <i>Methods in Ecology and Evolution</i> , 2015, 6, 836-844.	5.2	72
49	Vocalizations of the North Atlantic pilot whale ( <i>Globicephala melas</i> ) as related to behavioral contexts. <i>Behavioral Ecology and Sociobiology</i> , 1990, 26, 399.	1.4	71
50	Individually distinctive acoustic features in sperm whale codas. <i>Animal Behaviour</i> , 2011, 81, 723-730.	1.9	70
51	Diversity of deep-water cetaceans in relation to temperature: implications for ocean warming. <i>Ecology Letters</i> , 2008, 11, 1198-1207.	6.4	68
52	Who Cares? Between-group variation in alloparental caregiving in sperm whales. <i>Behavioral Ecology</i> , 2009, 20, 838-843.	2.2	68
53	OBTAINING SKIN SAMPLES FROM LIVING SPERM WHALES. <i>Marine Mammal Science</i> , 1990, 6, 316-326.	1.8	65
54	Heterogeneous social associations within a sperm whale, <i>Physeter macrocephalus</i> , unit reflect pairwise relatedness. <i>Behavioral Ecology and Sociobiology</i> , 2008, 63, 143-151.	1.4	65

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55	A deepening understanding of animal culture suggests lessons for conservation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202718.	2.6	65
56	Correcting for the impact of gregariousness in social network analyses. <i>Animal Behaviour</i> , 2013, 85, 553-558.	1.9	64
57	THE USE OF NATURAL MARKINGS IN STUDIES OF LONG-FINNE D PILOT WHALES ( <i>GLOBICEPHALA MELAS</i> ). <i>Marine Mammal Science</i> , 2007, 23, 77-93.	1.8	63
58	Individual, unit and vocal clan level identity cues in sperm whale codas. <i>Royal Society Open Science</i> , 2016, 3, 150372.	2.4	63
59	Alliances II. Rates of encounter during resource utilization: a general model of intrasexual alliance formation in fission–fusion societies. <i>Animal Behaviour</i> , 2005, 69, 127-132.	1.9	62
60	Can Genetic Differences Explain Vocal Dialect Variation in Sperm Whales, <i>Physeter macrocephalus</i> ?. <i>Behavior Genetics</i> , 2012, 42, 332-343.	2.1	62
61	Gene–culture coevolution in whales and dolphins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7814-7821.	7.1	61
62	Variation in the Feeding Success of Sperm Whales: Temporal Scale, Spatial Scale and Relationship to Migrations. <i>Journal of Animal Ecology</i> , 1996, 65, 429.	2.8	58
63	Learning, climate and the evolution of cultural capacity. <i>Journal of Theoretical Biology</i> , 2007, 245, 341-350.	1.7	58
64	The behaviour of mature male sperm whales on the Galápagos Islands breeding grounds. <i>Canadian Journal of Zoology</i> , 1993, 71, 689-699.	1.0	55
65	Social structure and residency in aggregations of male sperm whales. <i>Canadian Journal of Zoology</i> , 2002, 80, 1189-1196.	1.0	55
66	A claim in search of evidence: reply to Manger’s thermogenesis hypothesis of cetacean brain structure. <i>Biological Reviews</i> , 2008, 83, 417-440.	10.4	55
67	Non-geographically based population structure of South Pacific sperm whales: dialects, fluke-markings and genetics. <i>Journal of Animal Ecology</i> , 1998, 67, 253-262.	2.8	54
68	Social Affiliations within Sperm Whale ( <i>Physeter macrocephalus</i> ) Groups. <i>Ethology</i> , 2001, 107, 323-340.	1.1	54
69	Predicting Inshore Whale Abundance – Whales and Capelin off the Newfoundland Coast. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1985, 42, 976-981.	1.4	53
70	Social organization of sperm whales off the Galapagos Islands, February–April 1985. <i>Canadian Journal of Zoology</i> , 1987, 65, 913-919.	1.0	53
71	Population, density estimates, and conservation of river dolphins ( <i>Inia</i> and <i>Sotalia</i> ) in the Amazon and Orinoco river basins. <i>Marine Mammal Science</i> , 2012, 28, 124-153.	1.8	53
72	Associations among photographically identified Hector's dolphins. <i>Canadian Journal of Zoology</i> , 1993, 71, 2311-2318.	1.0	51

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73	THE DIET OF GALAPAGOS SPERM WHALES PHYSETER MACROCEPHALUS AS INDICATED BY FECAL SAMPLE ANALYSIS. <i>Marine Mammal Science</i> , 2000, 16, 315-325.	1.8	51
74	Alliances I. How large should alliances be?. <i>Animal Behaviour</i> , 2005, 69, 117-126.	1.9	51
75	Distribution and behaviour of male sperm whales on the Scotian Shelf, Canada. <i>Canadian Journal of Zoology</i> , 1992, 70, 912-918.	1.0	50
76	POPULATION ANALYSIS OF NORTHERN BOTTLENOSE WHALES IN THE GULLY, NOVA SCOTIA. <i>Marine Mammal Science</i> , 1997, 13, 173-185.	1.8	50
77	Movements and distribution of northern bottlenose whales, <i>Hyperoodon ampullatus</i> , on the Scotian Slope and in adjacent waters. <i>Canadian Journal of Zoology</i> , 2004, 82, 1782-1794.	1.0	50
78	Behaviour and Vocalizations of Two Single Sperm Whales, <i>Physeter macrocephalus</i> , Off Nova Scotia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988, 45, 1736-1743.	1.4	49
79	Calves as social hubs: dynamics of the social network within sperm whale units. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131113.	2.6	48
80	Eusociality, menopause and information in matrilineal whales. <i>Trends in Ecology and Evolution</i> , 2005, 20, 650.	8.7	47
81	AN ASSESSMENT OF CHANGES WITH TIME IN THE MARKING PATTERNS USED FOR PHOTOIDENTIFICATION OF INDIVIDUAL SPERM WHALES, PHYSETER MACROCEPHALUS. <i>Marine Mammal Science</i> , 1995, 11, 335-343.	1.8	46
82	How does social behavior differ among sperm whale clans?. <i>Marine Mammal Science</i> , 2015, 31, 1275-1290.	1.8	46
83	Ecosystem consideration in conservation planning: energy demand of foraging bottlenose whales ( <i>Hyperoodon ampullatus</i> ) in a marine protected area. <i>Biological Conservation</i> , 2002, 104, 51-58.	4.1	45
84	Individualized social preferences and long-term social fidelity between social units of sperm whales. <i>Animal Behaviour</i> , 2015, 102, 15-23.	1.9	44
85	DIFFERENCES IN NICHE BREADTH AMONG SOME TEUTHIVOROUS MESOPELAGIC MARINE MAMMALS. <i>Marine Mammal Science</i> , 2003, 19, 400-406.	1.8	42
86	Spatial and temporal variation in sperm whale coda vocalizations: stable usage and local dialects. <i>Animal Behaviour</i> , 2005, 70, 191-198.	1.9	42
87	Killer whales and whaling: the scavenging hypothesis. <i>Biology Letters</i> , 2005, 1, 415-418.	2.3	42
88	The functional significance of colouration in cetaceans. <i>Evolutionary Ecology</i> , 2011, 25, 1231-1245.	1.2	42
89	Animal social networks as substrate for cultural behavioural diversity. <i>Journal of Theoretical Biology</i> , 2012, 294, 19-28.	1.7	41
90	Sperm Whale. , 2018, , 919-925.		41

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91	Rules for roving males. <i>Journal of Theoretical Biology</i> , 1990, 145, 355-368.	1.7	39
92	River dolphins as indicators of ecosystem degradation in large tropical rivers. <i>Ecological Indicators</i> , 2012, 23, 19-26.	6.3	39
93	Behavior and social structure of the sperm whales of Dominica, West Indies. <i>Marine Mammal Science</i> , 2014, 30, 905-922.	1.8	39
94	Causes and consequences of female centrality in cetacean societies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180066.	4.0	39
95	OBSERVATIONS OF AN INTERACTION BETWEEN SPERM WHALES AND SHORT-FINNED PILOT WHALES IN THE GULF OF MEXICO. <i>Marine Mammal Science</i> , 1996, 12, 588-594.	1.8	37
96	Individual vocal production in a sperm whale ( <i>Physeter macrocephalus</i> ) social unit. <i>Marine Mammal Science</i> , 2011, 27, 149-166.	1.8	36
97	Formations of foraging sperm whales, <i>Physeter macrocephalus</i> , off the Galápagos Islands. <i>Canadian Journal of Zoology</i> , 1989, 67, 2131-2139.	1.0	35
98	Variations in the feeding success and behaviour of Galápagos sperm whales ( <i>Physeter macrocephalus</i> ) as they relate to oceanographic conditions. <i>Canadian Journal of Zoology</i> , 1993, 71, 1991-1996.	1.0	32
99	Do sperm whales share coda vocalizations? Insights into coda usage from acoustic size measurement. <i>Animal Behaviour</i> , 2004, 67, 865-874.	1.9	32
100	Indications of fitness differences among vocal clans of sperm whales. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1093-1098.	1.4	32
101	Seasonal occurrence of sperm whales ( <i>Physeter macrocephalus</i> ) around Kelvin Seamount in the Sargasso Sea in relation to oceanographic processes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 91, 10-16.	1.4	32
102	Observations on the composition and behaviour of groups of female sperm whales near the Galapagos Islands. <i>Canadian Journal of Zoology</i> , 1989, 67, 1-7.	1.0	31
103	CLICK CHARACTERISTICS OF NORTHERN BOTTLENOSE WHALES ( <i>HYPEROODON AMPULLATUS</i> ). <i>Marine Mammal Science</i> , 2002, 18, 69-80.	1.8	31
104	STRUCTURAL CHARACTERISTICS OF PULSED CALLS OF LONG-FINNED PILOT WHALES <i>GLOBICEPHALA MELAS</i> . <i>Bioacoustics</i> , 2009, 19, 67-92.	1.7	29
105	Socially segregated, sympatric sperm whale clans in the Atlantic Ocean. <i>Royal Society Open Science</i> , 2016, 3, 160061.	2.4	29
106	Characterizing alloparental care in the pilot whale ( <i>Globicephala melas</i> ) population that summers off Cape Breton, Nova Scotia, Canada. <i>Marine Mammal Science</i> , 2017, 33, 440-456.	1.8	29
107	The Influence of Maternal Lineages on Social Affiliations among Humpback Whales ( <i>Megaptera</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 226-234.	2.4	28
108	Coda vocalizations recorded in breeding areas are almost entirely produced by mature female sperm whales ( <i>Physeter macrocephalus</i> ). <i>Canadian Journal of Zoology</i> , 2006, 84, 609-614.	1.0	27

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109	Ecological factors influencing group sizes of river dolphins ( <i>Inia geoffrensis</i> and <i>Sotalia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	27
110	Kinship influences sperm whale social organization within, but generally not among, social units. Royal Society Open Science, 2018, 5, 180914.	2.4	27
111	Delayed Competitive Breeding in Roving Males. Journal of Theoretical Biology, 1994, 166, 127-133.	1.7	26
112	Repeated call sequences and behavioural context in long-finned pilot whales off Cape Breton, Nova Scotia, Canada. Bioacoustics, 2017, 26, 169-183.	1.7	26
113	Critical Decline of the Eastern Caribbean Sperm Whale Population. PLoS ONE, 2016, 11, e0162019.	2.5	26
114	Social structure and mating system of sperm whales off northern Chile. Canadian Journal of Zoology, 2004, 82, 1360-1369.	1.0	25
115	Cultural turnover among Galápagos sperm whales. Royal Society Open Science, 2016, 3, 160615.	2.4	25
116	What factors shape genetic diversity in cetaceans?. Ecology and Evolution, 2018, 8, 1554-1572.	1.9	25
117	THE GROUP STRIKES BACK: FOLLOW PROTOCOLS FOR BEHAVIORAL RESEARCH ON CETACEANS. Marine Mammal Science, 2004, 20, 664-670.	1.8	24
118	Synchronous breathing by pilot whales. Marine Mammal Science, 2012, 28, 213-219.	1.8	24
119	Measuring the complexity of social associations using mixture models. Behavioral Ecology and Sociobiology, 2019, 73, 1.	1.4	24
120	AGGREGATIONS OF MATURE MALE SPERM WHALES ON THE GALAPAGOS ISLANDS BREEDING GROUND. Marine Mammal Science, 1997, 13, 59-69.	1.8	22
121	Trends in cetacean abundance in the Gully submarine canyon, 1988–2011, highlight a 21% per year increase in Sowerby's beaked whales ( <i>Mesoplodon bidens</i> ). Canadian Journal of Zoology, 2013, 91, 141-148.	1.0	22
122	Comparison of Two Computer-Assisted Photo-Identification Methods Applied to Sperm Whales ( <i>Physeter macrocephalus</i> ). Aquatic Mammals, 2005, 31, 243-247.	0.7	22
123	SUCKLING BEHAVIOR IN SPERM WHALE CALVES: OBSERVATIONS AND HYPOTHESES. Marine Mammal Science, 2007, 23, 398-413.	1.8	21
124	Conflict of interest in research on anthropogenic noise and marine mammals: Does funding bias conclusions?. Marine Policy, 2010, 34, 320-327.	3.2	21
125	Cultural Hitchhiking in the Matrilineal Whales. Behavior Genetics, 2017, 47, 324-334.	2.1	21
126	Population Structure of Female and Immature Sperm Whales ( <i>Physeter macrocephalus</i> ) off the Galápagos Islands. Canadian Journal of Fisheries and Aquatic Sciences, 1992, 49, 78-84.	1.4	20



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127	Floating marine pollution in "the Gully"™ on the continental slope, Nova Scotia, Canada. <i>Marine Pollution Bulletin</i> , 1994, 28, 489-493.	5.0	20
128	Using photography to determine sex in pilot whales ( <i>Globicephala melas</i> ) is not possible: Males and females have similar dorsal fins. <i>Marine Mammal Science</i> , 2013, 29, 213-220.	1.8	20
129	Aerial behaviour in sperm whales. <i>Canadian Journal of Zoology</i> , 1990, 68, 2076-2082.	1.0	19
130	GENETIC DIVERSITY IN THE MATRILINEAL WHALES: MODELS OF CULTURAL HITCHHIKING AND GROUP-SPECIFIC NON-HERITABLE DEMOGRAPHIC VARIATION. <i>Marine Mammal Science</i> , 2005, 21, 58-79.	1.8	19
131	Nuclear and mitochondrial markers reveal distinctiveness of a small population of bottlenose whales ( <i>Hyperoodon ampullatus</i> ) in the western North Atlantic. <i>Molecular Ecology</i> , 2006, 15, 3115-3129.	3.9	19
132	Consequences of culturally-driven ecological specialization: Killer whales and beyond. <i>Journal of Theoretical Biology</i> , 2018, 456, 279-294.	1.7	19
133	The migration of humpback whales along the northeast coast of Newfoundland. <i>Canadian Journal of Zoology</i> , 1982, 60, 2173-2179.	1.0	18
134	Habitat dimensionality and mean search distances of top predators: Implications for ecosystem structure. <i>Theoretical Population Biology</i> , 1992, 42, 1-9.	1.1	18
135	Sperm whalers off the Galapagos Islands and in the Western North Pacific, 1830-1850: Ideal free whalers?. <i>Ethology and Sociobiology</i> , 1991, 12, 147-161.	1.5	17
136	VARIATION IN THE VISUALLY OBSERVABLE BEHAVIOR OF GROUPS OF GALAPAGOS SPERM WHALES1. <i>Marine Mammal Science</i> , 1999, 15, 1181-1197.	1.8	17
137	Heterogeneity and the mark-recapture assessment of the Scotian Shelf population of northern bottlenose whales ( <i>Hyperoodon ampullatus</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 2573-2585.	1.4	17
138	Kin selection and allocare in sperm whales. <i>Behavioral Ecology</i> , 2019, 30, 194-201.	2.2	17
139	DISTRUTION OF DOLPHINS IN GALAPAGOS WATERS. <i>Marine Mammal Science</i> , 1999, 15, 550-555.	1.8	16
140	Cetacean culture: Still afloat after the first naval engagement of the culture wars. <i>Behavioral and Brain Sciences</i> , 2001, 24, 360-373.	0.7	16
141	The migration of humpback whales past the Bay de Verde Peninsula, Newfoundland, during June and July, 1978. <i>Canadian Journal of Zoology</i> , 1980, 58, 687-692.	1.0	15
142	The significance of the Southeast Shoal of the Grand Bank to humpback whales and other cetacean species. <i>Canadian Journal of Zoology</i> , 1985, 63, 2617-2625.	1.0	15
143	Social behaviour of feeding finback whales off Newfoundland: comparisons with the sympatric humpback whale. <i>Canadian Journal of Zoology</i> , 1988, 66, 217-221.	1.0	15
144	Inferring Animal Densities from Tracking Data Using Markov Chains. <i>PLoS ONE</i> , 2013, 8, e60901.	2.5	15

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145	Life History Evolution: What Does a Menopausal Killer Whale Do?. <i>Current Biology</i> , 2015, 25, R225-R227.	3.9	15
146	Sperm Whale: The Largest Toothed Creature on Earth. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2019, , 261-280.	0.9	15
147	DIRECT ESTIMATION OF WITHIN-GROUP HETEROGENEITY IN PHOTO-IDENTIFICATION OF SPERM WHALES. <i>Marine Mammal Science</i> , 2001, 17, 718-728.	1.8	14
148	Automatic acoustic estimation of sperm whale size distributions achieved through machine recognition of on-axis clicks. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 3485-3495.	1.1	14
149	Variability of the inter-pulse interval in sperm whale clicks with implications for size estimation and individual identification. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 365-374.	1.1	14
150	Prolonged maternal investment in northern bottlenose whales alters our understanding of beaked whale reproductive life history. <i>PLoS ONE</i> , 2020, 15, e0235114.	2.5	14
151	Nicks and notches of the dorsal ridge: Promising mark types for the photo-identification of narwhals. <i>Marine Mammal Science</i> , 2009, 26, 663.	1.8	13
152	Consensus movements by groups of sperm whales. <i>Marine Mammal Science</i> , 2016, 32, 1402-1415.	1.8	13
153	Density-dependent habitat selection and the modeling of sperm whale ( <i>Physeter macrocephalus</i> ) exploitation. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 223-230.	1.4	12
154	Estimating Abundance From One-Dimensional Passive Acoustic Surveys. <i>Journal of Wildlife Management</i> , 2009, 73, 1000-1009.	1.8	12
155	Adaptation of sperm whales to open-boat whalers: rapid social learning on a large scale?. <i>Biology Letters</i> , 2021, 17, 20210030.	2.3	12
156	DO BREEDING MALE SPERM WHALES SHOW PREFERENCES AMONG VOCAL CLANS OF FEMALES?. <i>Marine Mammal Science</i> , 2005, 21, 317-322.	1.8	11
157	Long-term associations among male sperm whales ( <i>Physeter macrocephalus</i> ). <i>PLoS ONE</i> , 2020, 15, e0244204.	2.5	11
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