

Peter Teglberg Madsen

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

11,185
citations

19657

61
h-index

34986

98
g-index

193
all docs

193
docs citations

193
times ranked

4927
citing authors

#	ARTICLE	IF	CITATIONS
1	Key Questions in Marine Megafauna Movement Ecology. <i>Trends in Ecology and Evolution</i> , 2016, 31, 463-475.	8.7	397
2	Extreme diving of beaked whales. <i>Journal of Experimental Biology</i> , 2006, 209, 4238-4253.	1.7	396
3	Deep-diving foraging behaviour of sperm whales (<i>Physeter macrocephalus</i>). <i>Journal of Animal Ecology</i> , 2006, 75, 814-825.	2.8	339
4	Beaked whales echolocate on prey. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S383-6.	2.6	298
5	The monopulsed nature of sperm whale clicks. <i>Journal of the Acoustical Society of America</i> , 2003, 114, 1143-1154.	1.1	289
6	Wind turbine underwater noise and marine mammals: implications of current knowledge and data needs. <i>Marine Ecology - Progress Series</i> , 2006, 309, 279-295.	1.9	277
7	Biosonar performance of foraging beaked whales (<i>Mesoplodon densirostris</i>). <i>Journal of Experimental Biology</i> , 2005, 208, 181-194.	1.7	268
8	Cheetahs of the deep sea: deep foraging sprints in short-finned pilot whales off Tenerife (Canary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	252
9	Echolocation clicks of free-ranging Cuvier's beaked whales (<i>Ziphius cavirostris</i>). <i>Journal of the Acoustical Society of America</i> , 2005, 117, 3919-3927.	1.1	228
10	Ultra-High Foraging Rates of Harbor Porpoises Make Them Vulnerable to Anthropogenic Disturbance. <i>Current Biology</i> , 2016, 26, 1441-1446.	3.9	210
11	Foraging Blainville's beaked whales (<i>Mesoplodon densirostris</i>) produce distinct click types matched to different phases of echolocation. <i>Journal of Experimental Biology</i> , 2006, 209, 5038-5050.	1.7	206
12	Studying the behaviour and sensory ecology of marine mammals using acoustic recording tags: a review. <i>Marine Ecology - Progress Series</i> , 2009, 395, 55-73.	1.9	193
13	Sperm whale clicks: Directionality and source level revisited. <i>Journal of the Acoustical Society of America</i> , 2000, 107, 638-648.	1.1	191
14	Vessel noise effects on delphinid communication. <i>Marine Ecology - Progress Series</i> , 2009, 395, 161-175.	1.9	184
15	Marine mammals and noise: Problems with root mean square sound pressure levels for transients. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 3952-3957.	1.1	173
16	Sperm whale sound production studied with ultrasound time/depth-recording tags. <i>Journal of Experimental Biology</i> , 2002, 205, 1899-1906.	1.7	172
17	Male sperm whale (<i>Physeter macrocephalus</i>) acoustics in a high-latitude habitat: implications for echolocation and communication. <i>Behavioral Ecology and Sociobiology</i> , 2002, 53, 31-41.	1.4	170
18	Echolocation clicks of two free-ranging, oceanic delphinids with different food preferences: false killer whales <i>Pseudorca crassidens</i> and Risso's dolphins <i>Grampus griseus</i> . <i>Journal of Experimental Biology</i> , 2004, 207, 1811-1823.	1.7	147

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19	Keeping momentum with a mouthful of water: behavior and kinematics of humpback whale lunge feeding. <i>Journal of Experimental Biology</i> , 2012, 215, 3786-3798.	1.7	142
20	DOES INTENSE SHIP NOISE DISRUPT FORAGING IN DEEP-DIVING CLUVIER'S BEAKED WHALES (<i>ZIPHIUS</i>)? <i>Journal of Experimental Biology</i> , 2012, 215, 3786-3798.	1.8	141
21	Recording and quantification of ultrasonic echolocation clicks from free-ranging toothed whales. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 1421-1444.	1.4	135
22	Sound detection by the longfin squid (<i>Loligo pealeii</i>) studied with auditory evoked potentials: sensitivity to low-frequency particle motion and not pressure. <i>Journal of Experimental Biology</i> , 2010, 213, 3748-3759.	1.7	130
23	High rates of vessel noise disrupt foraging in wild harbour porpoises (<i>Phocoena phocoena</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172314.	2.6	130
24	Three-dimensional beam pattern of regular sperm whale clicks confirms bent-horn hypothesis. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 1473-1485.	1.1	122
25	Sperm whale sound production studied with ultrasound time/depth-recording tags. <i>Journal of Experimental Biology</i> , 2002, 205, 1899-906.	1.7	114
26	Noise Levels of Multi-Rotor Unmanned Aerial Vehicles with Implications for Potential Underwater Impacts on Marine Mammals. <i>Frontiers in Marine Science</i> , 0, 3, .	2.5	112
27	Estimating source position accuracy of a large-aperture hydrophone array for bioacoustics. <i>Journal of the Acoustical Society of America</i> , 2001, 109, 397-406.	1.1	109
28	Why whales are big but not bigger: Physiological drivers and ecological limits in the age of ocean giants. <i>Science</i> , 2019, 366, 1367-1372.	12.6	109
29	PORPOISE CLICKS FROM A SPERM WHALE NOSE – CONVERGENT EVOLUTION OF 130 KHZ PULSES IN TOOTHED WHALE SONARS?. <i>Bioacoustics</i> , 2005, 15, 195-206.	1.7	108
30	Passive acoustic detection of deep-diving beaked whales. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 2823-2832.	1.1	107
31	Acoustic behaviour of echolocating porpoises during prey capture. <i>Journal of Experimental Biology</i> , 2009, 212, 3100-3107.	1.7	105
32	Using at-sea experiments to study the effects of airguns on the foraging behavior of sperm whales in the Gulf of Mexico. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1168-1181.	1.4	103
33	Cetacean noise criteria revisited in the light of proposed exposure limits for harbour porpoises. <i>Marine Pollution Bulletin</i> , 2015, 90, 196-208.	5.0	101
34	Echolocation behaviour adapted to prey in foraging Blainville's beaked whale (<i>Mesoplodon</i>)? <i>Journal of Experimental Biology</i> , 2012, 215, 3786-3798.	2.6	99
35	Deadly diving? Physiological and behavioural management of decompression stress in diving mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1041-1050.	2.6	99
36	Quantitative measures of air-gun pulses recorded on sperm whales (<i>Physeter macrocephalus</i>) using acoustic tags during controlled exposure experiments. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 2366-2379.	1.1	98

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37	Source parameters of echolocation clicks from wild bottlenose dolphins (<i>Tursiops</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 2263-2274.	1.1	97
38	Following a Foraging Fish-Finder: Diel Habitat Use of Blainville's Beaked Whales Revealed by Echolocation. PLoS ONE, 2011, 6, e28353.	2.5	96
39	Behaviour and kinematics of continuous ram filtration in bowhead whales (<i>Balaena</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 856	2.6	92
40	Echolocation in sympatric Peale's dolphins (<i>Lagenorhynchus australis</i>) and Commerson's dolphins (<i>Cephalorhynchus commersonii</i>) producing narrow-band high-frequency clicks. Journal of Experimental Biology, 2010, 213, 1940-1949.	1.7	92
41	CLICK COMMUNICATION IN HARBOUR PORPOISES <i>PHOCOENA PHOCOENA</i> . Bioacoustics, 2011, 20, 1-28.	1.7	91
42	High frequency components of ship noise in shallow water with a discussion of implications for harbor porpoises (<i>Phocoena phocoena</i>). Journal of the Acoustical Society of America, 2014, 136, 1640-1653.	1.1	87
43	Click communication in wild harbour porpoises (<i>Phocoena phocoena</i>). Scientific Reports, 2018, 8, 9702.	3.3	86
44	Functional Convergence in Bat and Toothed Whale Biosonars. Physiology, 2013, 28, 276-283.	3.1	84
45	Harbour porpoises react to low levels of high frequency vessel noise. Scientific Reports, 2015, 5, 11083.	3.3	84
46	Hearing with an atympanic ear: good vibration and poor sound-pressure detection in the royal python, <i>Python regius</i> . Journal of Experimental Biology, 2012, 215, 331-342.	1.7	82
47	Clicking in Shallow Rivers: Short-Range Echolocation of Irrawaddy and Ganges River Dolphins in a Shallow, Acoustically Complex Habitat. PLoS ONE, 2013, 8, e59284.	2.5	82
48	Singing behavior of fin whales in the Davis Strait with implications for mating, migration and foraging. Journal of the Acoustical Society of America, 2010, 128, 3200-3210.	1.1	81
49	Some like it hot: Thermal tolerance and oxygen supply capacity in two eurythermal crustaceans. Scientific Reports, 2015, 5, 10743.	3.3	81
50	Fear of Killer Whales Drives Extreme Synchrony in Deep Diving Beaked Whales. Scientific Reports, 2020, 10, 13.	3.3	80
51	Biosonar adjustments to target range of echolocating bottlenose dolphins (<i>Tursiops</i> sp.) in the wild. Journal of Experimental Biology, 2009, 212, 1078-1086.	1.7	79
52	Echolocation in Blainville's beaked whales (<i>Mesoplodon densirostris</i>). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 451-469.	1.6	78
53	Nasal sound production in echolocating delphinids (<i>Tursiops truncatus</i> and <i>Pseudorca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 856 Journal of Experimental Biology, 2013, 216, 4091-4102.	1.7	77
54	Feeding at a high pitch: Source parameters of narrow band, high-frequency clicks from echolocating off-shore hourglass dolphins and coastal Hector's dolphins. Journal of the Acoustical Society of America, 2009, 125, 1783-1791.	1.1	76

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55	Recreational vessels without Automatic Identification System (AIS) dominate anthropogenic noise contributions to a shallow water soundscape. <i>Scientific Reports</i> , 2019, 9, 15477.	3.3	76
56	What a jerk: prey engulfment revealed by high-rate, super-cranial accelerometry on a harbour seal (<i>Phoca vitulina</i>). <i>Journal of Experimental Biology</i> , 2014, 217, 2239-43.	1.7	73
57	Estimated communication range and energetic cost of bottlenose dolphin whistles in a tropical habitat. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 582-592.	1.1	72
58	Acoustic gaze adjustments during active target selection in echolocating porpoises. <i>Journal of Experimental Biology</i> , 2012, 215, 4358-4373.	1.7	71
59	Single source sound production and dynamic beam formation in echolocating harbour porpoises (<i>Phocoena phocoena</i>). <i>Journal of Experimental Biology</i> , 2010, 213, 3105-3110.	1.7	68
60	No shallow talk: Cryptic strategy in the vocal communication of Blainville's beaked whales. <i>Marine Mammal Science</i> , 2012, 28, E75.	1.8	68
61	Asymmetry and dynamics of a narrow sonar beam in an echolocating harbor porpoise. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 2315-2324.	1.1	66
62	High suckling rates and acoustic crypsis of humpback whale neonates maximise potential for mother-calf energy transfer. <i>Functional Ecology</i> , 2017, 31, 1561-1573.	3.6	66
63	High field metabolic rates of wild harbour porpoises. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	66
64	Clicking in a Killer Whale Habitat: Narrow-Band, High-Frequency Biosonar Clicks of Harbour Porpoise (<i>Phocoena phocoena</i>) and Dall's Porpoise (<i>Phocoenoides dalli</i>). <i>PLoS ONE</i> , 2013, 8, e63763.	2.5	64
65	Buzzing during biosonar-based interception of prey in the delphinids <i>Tursiops truncatus</i> and <i>Pseudorca crassidens</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 4279-82.	1.7	63
66	Calling under pressure: short-finned pilot whales make social calls during deep foraging dives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3017-3025.	2.6	62
67	Specialization for underwater hearing by the tympanic middle ear of the turtle, <i>Trachemys scripta elegans</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2816-2824.	2.6	62
68	Low energy expenditure and resting behaviour of humpback whale mother-calf pairs highlights conservation importance of sheltered breeding areas. <i>Scientific Reports</i> , 2019, 9, 771.	3.3	62
69	Cognitive control of heart rate in diving harbor porpoises. <i>Current Biology</i> , 2016, 26, R1175-R1176.	3.9	60
70	Narrow Acoustic Field of View Drives Frequency Scaling in Toothed Whale Biosonar. <i>Current Biology</i> , 2018, 28, 3878-3885.e3.	3.9	60
71	Off-axis effects on the multipulse structure of sperm whale usual clicks with implications for sound production. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 3337-3345.	1.1	58
72	Clicking for calamari: toothed whales can echolocate squid <i>Loligo pealeii</i> . <i>Aquatic Biology</i> , 2007, 1, 141-150.	1.4	57

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73	Dolphin whistles: a functional misnomer revealed by heliox breathing. <i>Biology Letters</i> , 2012, 8, 211-213.	2.3	55
74	Sperm whale echolocation behaviour reveals a directed, prior-based search strategy informed by prey distribution. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 663-674.	1.4	52
75	Range-dependent flexibility in the acoustic field of view of echolocating porpoises (<i>Phocoena</i>). <i>Trends in Ecology and Evolution</i> , 2014, 29, 100-107.	6.8	50
76	Sperm whale predator-prey interactions involve chasing and buzzing, but no acoustic stunning. <i>Scientific Reports</i> , 2016, 6, 28562.	3.3	49
77	The evolution of foraging capacity and gigantism in cetaceans. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	48
78	Hearing of the African lungfish (<i>Protopterus annectens</i>) suggests underwater pressure detection and rudimentary aerial hearing in early tetrapods. <i>Journal of Experimental Biology</i> , 2015, 218, 381-387.	1.7	46
79	Source parameter estimates of echolocation clicks from wild pygmy killer whales (<i>Feresa attenuata</i>) (L). <i>Journal of the Acoustical Society of America</i> , 2004, 116, 1909-1912.	1.1	44
80	Vessel noise levels drive behavioural responses of humpback whales with implications for whale-watching. <i>ELife</i> , 2020, 9, .	6.0	44
81	A miniature biomimetic sonar and movement tag to study the biotic environment and predator-prey interactions in aquatic animals. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 148, 1-11.	1.4	42
82	Long-term sound and movement recording tags to study natural behavior and reaction to ship noise of seals. <i>Ecology and Evolution</i> , 2019, 9, 2588-2601.	1.9	42
83	Students' motivation toward laboratory work in physiology teaching. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 313-318.	1.6	41
84	How loud is the underwater noise from operating offshore wind turbines?. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 2885-2893.	1.1	41
85	Amazon river dolphins (<i>Inia geoffrensis</i>) use a high-frequency short-range biosonar. <i>Journal of Experimental Biology</i> , 2015, 218, 3091-3101.	1.7	40
86	Sound production in neonate sperm whales (L). <i>Journal of the Acoustical Society of America</i> , 2003, 113, 2988-2991.	1.1	39
87	The situational interest of undergraduate students in zoophysiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2009, 33, 196-201.	1.6	39
88	The function of male sperm whale slow clicks in a high latitude habitat: Communication, echolocation, or prey debilitation?. <i>Journal of the Acoustical Society of America</i> , 2013, 133, 3135-3144.	1.1	38
89	Hearing in the African lungfish (<i>Protopterus annectens</i>): pre-adaptation to pressure hearing in tetrapods?. <i>Biology Letters</i> , 2011, 7, 139-141.	2.3	37
90	Intense ultrasonic clicks from echolocating toothed whales do not elicit anti-predator responses or debilitate the squid <i>Loligo pealeii</i> . <i>Biology Letters</i> , 2007, 3, 225-227.	2.3	34

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91	Dive heart rate in harbour porpoises is influenced by exercise and expectations. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	34
92	Classification of broadband echoes from prey of a foraging Blainville's beaked whale. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 1753-1762.	1.1	33
93	Better than fish on land? Hearing across metamorphosis in salamanders. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141943.	2.6	33
94	A strong response to selection on mass-independent maximal metabolic rate without a correlated response in basal metabolic rate. <i>Heredity</i> , 2015, 114, 419-427.	2.6	32
95	Foraging rates of ram-filtering North Atlantic right whales. <i>Functional Ecology</i> , 2019, 33, 1290-1306.	3.6	31
96	Propagation of narrow-band-high-frequency clicks: Measured and modeled transmission loss of porpoise-like clicks in porpoise habitats. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 560-567.	1.1	29
97	Socially segregated, sympatric sperm whale clans in the Atlantic Ocean. <i>Royal Society Open Science</i> , 2016, 3, 160061.	2.4	29
98	Evidence for simultaneous sound production in the bowhead whale (<i>Balaena mysticetus</i>). <i>Journal of the Acoustical Society of America</i> , 2011, 130, 2257-2262.	1.1	26
99	Single-click beam patterns suggest dynamic changes to the field of view of echolocating Atlantic spotted dolphins (<i>Stenella frontalis</i>) in the wild. <i>Journal of Experimental Biology</i> , 2015, 218, 1314-24.	1.7	26
100	Behavioural development in southern right whale calves. <i>Marine Ecology - Progress Series</i> , 2019, 629, 219-234.	1.9	26
101	Low-frequency components in harbor porpoise (<i>Phocoena phocoena</i>) clicks: communication signal, by-products, or artifacts?. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 4059-4068.	1.1	25
102	Directional escape behavior in allis shad (<i>Alosa alosa</i>) exposed to ultrasonic clicks mimicking an approaching toothed whale. <i>Journal of Experimental Biology</i> , 2011, 214, 22-29.	1.7	25
103	Dolphin echolocation behaviour during active long-range target approaches. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	25
104	A 2.6-g sound and movement tag for studying the acoustic scene and kinematics of echolocating bats. <i>Methods in Ecology and Evolution</i> , 2019, 10, 48-58.	5.2	25
105	Acoustic crypsis in southern right whale mother-calf pairs: infrequent, low-output calls to avoid predation?. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	24
106	Southern right whales show no behavioral response to low noise levels from a nearby unmanned aerial vehicle. <i>Marine Mammal Science</i> , 2020, 36, 953-963.	1.8	24
107	Characteristics and Propagation of Airgun Pulses in Shallow Water with Implications for Effects on Small Marine Mammals. <i>PLoS ONE</i> , 2015, 10, e0133436.	2.5	24
108	Amazon river dolphins (<i>Inia geoffrensis</i>) modify biosonar output level and directivity during prey interception in the wild. <i>Journal of Experimental Biology</i> , 2017, 220, 2654-2665.	1.7	23

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109	Sperm whales (<i>Physeter catodon</i> L.1758) do not react to sounds from detonators. <i>Journal of the Acoustical Society of America</i> , 2000, 107, 668-671.	1.1	22
110	Response to "Resilience of harbor porpoises to anthropogenic disturbance: Must they really feed continuously?" <i>Marine Mammal Science</i> , 2018, 34, 265-270.	1.8	22
111	What a jerk: prey engulfment revealed by high-rate, super-cranial accelerometry on a harbour seal (<i>Phoca vitulina</i>). <i>Journal of Experimental Biology</i> , 2014, 217, 2814-2814.	1.7	21
112	Echolocation parameters of Australian humpback dolphins (<i>Sousa sahulensis</i>) and Indo-Pacific bottlenose dolphins (<i>Tursiops aduncus</i>) in the wild. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 3033-3041.	1.1	21
113	Sperm whale codas may encode individuality as well as clan identity. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 2860-2869.	1.1	21
114	First-year sperm whale calves echolocate and perform long, deep dives. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	20
115	Drivers of the dive response in pinnipeds; apnea, submergence or temperature?. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	20
116	High Source Levels and Small Active Space of High-Pitched Song in Bowhead Whales (<i>Balaena</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46</i>	2.5	20
117	The long-range echo scene of the sperm whale biosonar. <i>Biology Letters</i> , 2020, 16, 20200134.	2.3	19
118	High resolution three-dimensional beam radiation pattern of harbour porpoise clicks with implications for passive acoustic monitoring. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 4175-4188.	1.1	19
119	The responses of Atlantic cod (<i>Gadus morhua</i> L.) to ultrasound-emitting predators: stress, behavioural changes or debilitation?. <i>Journal of Experimental Biology</i> , 2008, 211, 2079-2086.	1.7	18
120	Simulated seal scarer sounds scare porpoises, but not seals: species-specific responses to 12â€‰kHz deterrence sounds. <i>Royal Society Open Science</i> , 2017, 4, 170286.	2.4	18
121	Drivers of the dive response in trained harbour porpoises (<i>Phocoena phocoena</i>). <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	18
122	Deep-diving beaked whales dive together but forage apart. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20201905.	2.6	18
123	Click production during breathing in a sperm whale (<i>Physeter macrocephalus</i>). <i>Journal of the Acoustical Society of America</i> , 2005, 118, 3404-3407.	1.1	17
124	Habitat use of humpback whales in Godthaabsfjord, West Greenland, with implications for commercial exploitation. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 1529-1538.	0.8	17
125	Detecting spring after a long winter: coma or slow vigilance in cold, hypoxic turtles?. <i>Biology Letters</i> , 2013, 9, 20130602.	2.3	17
126	Observations of Longman's Beaked Whale (<i>Indopacetus pacificus</i>) in the Western Indian Ocean. <i>Aquatic Mammals</i> , 2006, 32, 223-231.	0.7	17

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127	Energetic and physical limitations on the breaching performance of large whales. <i>ELife</i> , 2020, 9, .	6.0	17
128	Allis shad (<i>Alosa alosa</i>) exhibit an intensity-graded behavioral response when exposed to ultrasound. <i>Journal of the Acoustical Society of America</i> , 2008, 124, EL243-EL247.	1.1	16
129	Basin-wide contributions to the underwater soundscape by multiple seismic surveys with implications for marine mammals in Baffin Bay, Greenland. <i>Marine Pollution Bulletin</i> , 2019, 138, 474-490.	5.0	16
130	Sound transmission in the spermaceti complex of a recently expired sperm whale calf. <i>Acoustics Research Letters Online: ARLO</i> , 2003, 4, 19-24.	0.7	15
131	Beaked whales. <i>Current Biology</i> , 2014, 24, R728-R730.	3.9	15
132	Context-dependent biosonar adjustments during active target approaches in echolocating harbour porpoises. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	15
133	Whistling is metabolically cheap for communicating bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	15
134	Creation of accurate 3D models of harbor porpoises (<i>Phocoena phocoena</i>) using 3D photogrammetry. <i>Marine Mammal Science</i> , 2021, 37, 482-491.	1.8	15
135	Hunting bats adjust their echolocation to receive weak prey echoes for clutter reduction. <i>Science Advances</i> , 2021, 7, .	10.3	15
136	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
137	Whale-watch vessel noise levels with applications to whale-watching guidelines and conservation. <i>Marine Policy</i> , 2021, 134, 104776.	3.2	14
138	Echolocation click parameters and biosonar behaviour of the dwarf sperm whale (<i>Kogia sima</i>). <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	13
139	Echolocating toothed whales use ultra-fast echo-kinetic responses to track evasive prey. <i>ELife</i> , 2021, 10, .	6.0	13
140	Acute and chronic behavioral effects of kelp gull micropredation on southern right whale mother-calf pairs off Península Valdés, Argentina. <i>Marine Ecology - Progress Series</i> , 2021, 668, 133-148.	1.9	12
141	PARTICLE ACCELERATION NOISE GENERATED BY BOATS. <i>Bioacoustics</i> , 2008, 17, 148-150.	1.7	11
142	Deep-diving pilot whales make cheap, but powerful, echolocation clicks with 50 μ L of air. <i>Scientific Reports</i> , 2019, 9, 15720.	3.3	11
143	An autonomous hydrophone array to study the acoustic ecology of deep-water toothed whales. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 158, 103233.	1.4	11
144	Evidence that sperm whale (<i>Physeter macrocephalus</i>) calves suckle through their mouth. <i>Marine Mammal Science</i> , 2010, 26, 990-996.	1.8	10

#	ARTICLE	IF	CITATIONS
145	Behavioural impact assessment of unmanned aerial vehicles on Weddell seals (<i>Leptonychotes</i>) Tj ETQq1 1 0.784314.rgBT /Overlock 10	1.5	10
146	Potential for Sound Sensitivity in Cephalopods. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 125-128.	1.6	10
147	UNDERWATER NOISE FROM CONSTRUCTION AND OPERATION OF OFFSHORE WIND FARMS. <i>Bioacoustics</i> , 2008, 17, 143-146.	1.7	9
148	NOISE LEVELS AND MASKING POTENTIAL OF SMALL WHALE-WATCHING AND RESEARCH VESSELS AROUND TWO DELPHINID SPECIES. <i>Bioacoustics</i> , 2008, 17, 166-168.	1.7	8
149	Echolocation in Air and Water. <i>Springer Handbook of Auditory Research</i> , 2014, , 257-304.	0.7	8
150	Overall dynamic body acceleration measures activity differently on large versus small aquatic animals. <i>Methods in Ecology and Evolution</i> , 2022, 13, 447-458.	5.2	8
151	High heart rates in hunting harbour porpoises. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211596.	2.6	8
152	Acoustic behavior of beaked whales, with implications for acoustic monitoring. , 2006, , .		7
153	Heart rate and startle responses in diving, captive harbour porpoises (<i>Phocoena phocoena</i>) exposed to transient noise and sonar. <i>Biology Open</i> , 2021, 10, .	1.2	7
154	Echolocating Daubenton's bats call louder, but show no spectral jamming avoidance in response to bands of masking noise during a landing task. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	7
155	Echolocation click parameters of short-finned pilot whales (<i>Globicephala macrorhynchus</i>) in the wild. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 1923-1931.	1.1	6
156	Directional biosonar beams allow echolocating harbour porpoises to actively discriminate and intercept closely spaced targets. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	6
157	Soundscape and ambient noise levels of the Arctic waters around Greenland. <i>Scientific Reports</i> , 2021, 11, 23360.	3.3	6
158	Ultrasonic predator-prey interactions in water-convergent evolution with insects and bats in air?. <i>Frontiers in Physiology</i> , 2013, 4, 137.	2.8	5
159	The largest of August Krogh animals: Physiology and biomechanics of the blue whale revisited. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 254, 110894.	1.8	5
160	Wild bats briefly decouple sound production from wingbeats to increase sensory flow during prey captures. <i>IScience</i> , 2021, 24, 102896.	4.1	5
161	Thresholds for noise induced hearing loss in harbor porpoises and phocid seals. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 4252-4263.	1.1	5
162	Time varying auditory gain control in response to double pulse stimuli in harbour porpoises is not mediated by a stapedial reflex. <i>Biology Open</i> , 2017, 6, 525-529.	1.2	4

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163	Echolocation click source parameters of Australian snubfin dolphins (<i>Orcaella heinsohni</i>). <i>Journal of the Acoustical Society of America</i> , 2018, 143, 2564-2569.	1.1	4
164	Energy compensation and received echo level dynamics in CF bats during active target approaches. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	4
165	Lateralized sound production in the beluga whale (<i>Delphinapterus leucas</i>). <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	4
166	Response to "Biosonar sources in odontocetes: considering structure and function". <i>Journal of Experimental Biology</i> , 2011, 214, 1404-1405.	1.7	3
167	In defence of comparative physiology: ideal models for early tetrapods do not exist. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160716.	2.6	3
168	Hypoxic turtles keep their cool. <i>Temperature</i> , 2015, 2, 40-41.	3.0	2
169	Quantitative Measures of Anthropogenic Noise on Harbor Porpoises: Testing the Reliability of Acoustic Tag Recordings. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 1237-1242.	1.6	2
170	Response to: The metabolic cost of whistling is low but measurable in dolphins. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	2
171	First Stranding of Cuvier's Beaked Whale (<i>Ziphius cavirostris</i>) on the Danish North Sea Coast. <i>Aquatic Mammals</i> , 2021, 47, 303-310.	0.7	2
172	Toothed whale auditory brainstem responses measured with a non-invasive, on-animal tag. <i>JASA Express Letters</i> , 2021, 1, .	1.1	2
173	Noise Exposure Criteria for Harbor Porpoises. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 1167-1173.	1.6	2
174	Cryptic vocal behavior of foraging humpback whales on feeding grounds in West Greenland. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 2879-2887.	1.1	2
175	BIG BANG? INTENSE ULTRASOUND DOES NOT HAVE ANY DETECTABLE EFFECTS ON THE SQUID <i>LOLIGO PEALEII</i> . <i>Bioacoustics</i> , 2008, 17, 321-323.	1.7	1
176	AIR GUN ARRAYS AS NOISE SOURCES: OUTPUT, IMPACT ZONES, AND FREQUENCY CONTENT. <i>Bioacoustics</i> , 2008, 17, 127-130.	1.7	1
177	Do echolocating toothed whales direct their acoustic gaze on- or off-target in a static detection task?. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 581-590.	1.1	1
178	Echolocating Daubenton's bats are resilient to broadband, ultrasonic masking noise during active target approaches. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	1
179	EFFECTS OF INTENSE ULTRASOUND ON ATLANTIC COD, <i>GADUS MORHUA</i> . <i>Bioacoustics</i> , 2008, 17, 319-321.	1.7	0
180	Bertel MÃ¸hl 1936"2017. <i>Marine Mammal Science</i> , 2018, 34, 556-562.	1.8	0

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181	10.1121/10.0003357.1., 2021,,.		0
182	Inflight head stabilization associated with wingbeat cycle and sonar emissions in the lingual echolocating Egyptian fruit bat, <i>Rousettus aegyptiacus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2021, 207, 757-772.	1.6	0