Dorian S Houser

List of Publications by Year
in descending order

152 papers	3,736 citations	101543 36 h-index	182427 51 g-index
196 all docs	196 docs citations	196 times ranked	1845 citing authors

#	Article	IF	Citations
1	Variation in the hearing sensitivity of a dolphin population determined through the use of evoked potential audiometry. Journal of the Acoustical Society of America, 2006, 120, 4090-4099.	1.1	101
2	Deadly diving? Physiological and behavioural management of decompression stress in diving mammals. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1041-1050.	2.6	99
3	Stress physiology in marine mammals: how well do they fit the terrestrial model?. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2015, 185, 463-486.	1.5	89
4	Beamwidth control and angular target detection in an echolocating bottlenose dolphin (<i>Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	85
5	Structural and functional imaging of bottlenose dolphin (Tursiops truncatus) cranial anatomy. Journal of Experimental Biology, 2004, 207, 3657-3665.	1.7	79
6	Impact of Body Reserves on Energy Expenditure, Water Flux, and Mating Success in Breeding Male Northern Elephant Seals. Physiological and Biochemical Zoology, 2012, 85, 11-20.	1.5	79
7	Classification of dolphin echolocation clicks by energy and frequency distributions. Journal of the Acoustical Society of America, 1999, 106, 1579-1585.	1.1	75
8	Protein catabolism in suckling and fasting northern elephant seal pups (Mirounga angustirostris). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2001, 171, 635-642.	1.5	74
9	A comparison of underwater hearing sensitivity in bottlenose dolphins (Tursiops truncatus) determined by electrophysiological and behavioral methods. Journal of the Acoustical Society of America, 2006, 120, 1713-1722.	1.1	68
10	Bio-inspired wideband sonar signals based on observations of the bottlenose dolphin (Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.1	67
11	Can Diving-induced Tissue Nitrogen Supersaturation Increase the Chance of Acoustically Driven Bubble Growth in Marine Mammals?. Journal of Theoretical Biology, 2001, 213, 183-195.	1.7	66
12	Marine mammals and sonar: Doseâ€response studies, the riskâ€disturbance hypothesis and the role of exposure context. Journal of Applied Ecology, 2018, 55, 396-404.	4.0	64
13	Glucose production and substrate cycle activity in a fasting adapted animal, the northern elephant seal. Journal of Experimental Biology, 2005, 208, 859-868.	1.7	63
14	Functional imaging of dolphin brain metabolism and blood flow. Journal of Experimental Biology, 2006, 209, 2902-2910.	1.7	63
15	Assessment of gestation, lactation and fasting on stable isotope ratios in northern elephant seals (Mirounga angustirostris). Marine Mammal Science, 2010, 26, 880-895.	1.8	62
16	Comparison of in-air evoked potential and underwater behavioral hearing thresholds in four bottlenose dolphins (Tursiops truncatus). Journal of the Acoustical Society of America, 2006, 119, 3181-3192.	1.1	61
17	Comprehensive endocrine response to acute stress in the bottlenose dolphin from serum, blubber, and feces. General and Comparative Endocrinology, 2018, 266, 178-193.	1.8	60
18	Blubber cortisol qualitatively reflects circulating cortisol concentrations in bottlenose dolphins. Marine Mammal Science, 2017, 33, 134-153.	1.8	59

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19	Beaked whale auditory evoked potential hearing measurements. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2006, 192, 489-495.	1.6	58
20	Adiposity and Fat Metabolism in Lactating and Fasting Northern Elephant Seals. Advances in Nutrition, 2014, 5, 57-64.	6.4	56
21	Hormonal changes associated with the transition between nursing and natural fasting in northern elephant seals (Mirounga angustirostris). General and Comparative Endocrinology, 2003, 130, 78-83.	1.8	55
22	Evoked potential audiometry of 13 Pacific bottlenose dolphins (Tursiops truncatus gilli). Marine Mammal Science, 2008, 24, 28-41.	1.8	55
23	The effect of a low-frequency sound source (acoustic thermometry of the ocean climate) on the diving behavior of juvenile northern elephant seals,Mirounga angustirostris. Journal of the Acoustical Society of America, 2003, 113, 1155-1165.	1.1	54
24	The Effects of Handling and Anesthetic Agents on the Stress Response and Carbohydrate Metabolism in Northern Elephant Seals. PLoS ONE, 2012, 7, e38442.	2.5	54
25	Cold Stress Induces an Adrenocortical Response in Bottlenose Dolphins (Tursiops truncatus). Journal of Zoo and Wildlife Medicine, 2011, 42, 565-571.	0.6	53
26	High-resolution measurement of a bottlenose dolphin's (Tursiops truncatus) biosonar transmission beam pattern in the horizontal plane. Journal of the Acoustical Society of America, 2014, 136, 2025-2038.	1.1	48
27	Killer whale (Orcinus orca) behavioral audiograms. Journal of the Acoustical Society of America, 2017, 141, 2387-2398.	1.1	45
28	Thermal tolerance in bottlenose dolphins (Tursiops truncatus). Journal of Experimental Biology, 2008, 211, 3249-3257.	1.7	44
29	The environment as a driver of immune and endocrine responses in dolphins (Tursiops truncatus). PLoS ONE, 2017, 12, e0176202.	2.5	44
30	The acoustic field on the forehead of echolocating Atlantic bottlenose dolphins (Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.1	43
31	Blood dynamics of mercury and selenium in northern elephant seals during the lactation period. Environmental Pollution, 2011, 159, 2523-2529.	7.5	42
32	Fasting Physiology of the Pinnipeds: The Challenges of Fasting While Maintaining High Energy Expenditure and Nutrient Delivery for Lactation. , 2012, , 309-336.		41
33	A review of the history, development and application of auditory weighting functions in humans and marine mammals. Journal of the Acoustical Society of America, 2017, 141, 1371-1413.	1.1	41
34	Auditory evoked potentials in a stranded Gervaisâ€™ beaked whale (Mesoplodon europaeus). Journal of the Acoustical Society of America, 2009, 126, 484-490.	1.1	40
35	Metabolic responses to adrenocorticotropic hormone (ACTH) vary with life-history stage in adult male northern elephant seals. General and Comparative Endocrinology, 2014, 204, 150-157.	1.8	39
36	Glucose metabolism during lactation in a fasting animal, the northern elephant seal. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R1129-R1137.	1.8	38

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37	Hormone and metabolite changes associated with extended breeding fasts in male northern elephant seals (Mirounga angustirostris). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 161, 388-394.	1.8	38
38	A Non-Traditional Model of the Metabolic Syndrome: The Adaptive Significance of Insulin Resistance in Fasting-Adapted Seals. Frontiers in Endocrinology, 2013, 4, 164.	3.5	38
39	Hormonal regulation of glucose clearance in lactating northern elephant seals (Mirounga) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	37
40	Effects of environmental variables on surface temperature of breeding adult female northern elephant seals, Mirounga angustirostris, and pups. Journal of Thermal Biology, 2016, 61, 98-105.	2.5	37
41	Lipolysis and glycerol gluconeogenesis in simultaneously fasting and lactating northern elephant seals. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R2376-R2381.	1.8	36
42	Investigation of the potential for vascular bubble formation in a repetitively diving dolphin. Journal of Experimental Biology, 2010, 213, 52-62.	1.7	36
43	A Method for Modeling Marine Mammal Movement and Behavior for Environmental Impact Assessment. IEEE Journal of Oceanic Engineering, 2006, 31, 76-81.	3.8	35
44	Sex differences in fuel use and metabolism during development in fasting juvenile northern elephant seals. Journal of Experimental Biology, 2012, 215, 2637-2645.	1.7	35
45	Angiotensin II and Aldosterone Increase with Fasting in Breeding Adult Male Northern Elephant Seals (Mirounga angustirostris). Physiological and Biochemical Zoology, 2006, 79, 1106-1112.	1.5	34
46	Echolocation characteristics of free-swimming bottlenose dolphins during object detection and identification. Journal of the Acoustical Society of America, 2005, 117, 2308-2317.	1.1	33
47	Managing the Effects of Noise From Ship Traffic, Seismic Surveying and Construction on Marine Mammals in Antarctica. Frontiers in Marine Science, 2019, 6, .	2.5	33
48	Environment and activity affect skin temperature in breeding adult male elephant seals (Mirounga) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	31
49	Exposure amplitude and repetition affect bottlenose dolphin behavioral responses to simulated mid-frequency sonar signals. Journal of Experimental Marine Biology and Ecology, 2013, 443, 123-133.	1.5	30
50	Frequency-dependent variation in the two-dimensional beam pattern of an echolocating dolphin. Biology Letters, 2011, 7, 836-839.	2.3	29
51	Glucose oxidation and nonoxidative glucose disposal during prolonged fasts of the northern elephant seal pup (Mirounga angustirostris). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R562-R570.	1.8	29
52	Gluconeogenesis is associated with high rates of tricarboxylic acid and pyruvate cycling in fasting northern elephant seals. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R340-R352.	1.8	28
53	Underwater psychophysical audiogram of a young male California sea lion (Zalophus californianus). Journal of the Acoustical Society of America, 2012, 131, 4182-4187.	1.1	27
54	Zooplankton Dynamics in an Intertidal Salt-Marsh Basin. Estuaries and Coasts, 1996, 19, 659.	1.7	26

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55	Lactate flux and gluconeogenesis in fasting, weaned northern elephant seals (Mirounga) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Physiology, 2013, 183, 537-546.	1.5	25
56	Dolphin echolocation behaviour during active long-range target approaches. Journal of Experimental Biology, 2019, 222, .	1.7	25
57	Estimating bottlenose dolphin (Tursiops truncatus) hearing thresholds from single and multiple simultaneous auditory evoked potentials. Journal of the Acoustical Society of America, 2008, 123, 542-551.	1.1	23
58	Adrenal sensitivity to stress is maintained despite variation in baseline glucocorticoids in moulting seals. , 2015, 3, cov004.		23
59	Objective Detection of Bottlenose Dolphin (<I>Tursiops truncatus</I>) Steady-State Auditory Evoked Potentials in Response to AM/FM Tones. Aquatic Mammals, 2007, 33, 43-54.	0.7	23
60	Instrumenting free-swimming dolphins echolocating in open water. Journal of the Acoustical Society of America, 2005, 117, 2301-2307.	1.1	22
61	Simultaneously measured behavioral and electrophysiological hearing thresholds in a bottlenose dolphin (Tursiops truncatus). Journal of the Acoustical Society of America, 2007, 122, 615-622.	1.1	22
62	California sea lion (Zalophus californianus) aerial hearing sensitivity measured using auditory steady-state response and psychophysical methods. Journal of the Acoustical Society of America, 2011, 129, 2298-2306.	1.1	22
63	Auditory evoked potentials in a bottlenose dolphin during moderate-range echolocation tasks. Journal of the Acoustical Society of America, 2013, 134, 4532-4547.	1.1	21
64	Place specificity of the click-evoked auditory brainstem response in the bottlenose dolphin (Tursiops truncatus). Journal of the Acoustical Society of America, 2016, 140, 2593-2602.	1.1	21
65	Bottlenose dolphin (Tursiops truncatus) steady-state evoked responses to multiple simultaneous sinusoidal amplitude modulated tones. Journal of the Acoustical Society of America, 2007, 121, 1775-1782.	1.1	20
66	Modulation rate transfer functions in bottlenose dolphins (Tursiops truncatus) with normal hearing and high-frequency hearing loss. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2007, 193, 835-843.	1.6	20
67	High-density lipoprotein remains elevated despite reductions in total cholesterol in fasting adult male elephant seals (Mirounga angustirostris). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2011, 159, 214-219.	1.6	20
68	Characterization of circulating steroid hormone profiles in the bottlenose dolphin (Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T Comparative Endocrinology, 2018, 263, 80-91.	1.8	20
69	Effects of vibratory pile driver noise on echolocation and vigilance in bottlenose dolphins (Tursiops truncatus). Journal of the Acoustical Society of America, 2018, 143, 429-439.	1.1	20
70	Renal function in suckling and fasting pups of the northern elephant seal. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 129, 405-415.	1.8	19
71	A method to enable a bottlenose dolphin (Tursiops truncatus) to echolocate while out of water. Journal of the Acoustical Society of America, 2010, 128, 1483-1489.	1.1	19
72	Differential changes of fat-soluble vitamins and pollutants during lactation in northern elephant seal motherâ€“pup pairs. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 162, 323-330.	1.8	19

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73	Auditory evoked potentials in two short-finned pilot whales (Globicephala macrorhynchus). Journal of the Acoustical Society of America, 2011, 129, 1111-1116.	1.1	18
74	Development enhances hypometabolism in northern elephant seal pups (Mirounga) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (an	3.6	18
75	Nearfield and farfield measurements of dolphin echolocation beam patterns: No evidence of focusing. Journal of the Acoustical Society of America, 2016, 140, 1346-1360.	1.1	18
76	Effects of dolphin hearing bandwidth on biosonar click emissions. Journal of the Acoustical Society of America, 2020, 148, 243-252.	1.1	18
77	Measurement and Response Characteristics of Auditory Brainstem Responses in Pinnipeds. Aquatic Mammals, 2007, 33, 132-150.	0.7	18
78	Relationship of blood flow and metabolism to acoustic processing centers of the dolphin brain. Journal of the Acoustical Society of America, 2010, 128, 1460-1466.	1.1	17
79	Blubber transcriptome responses to repeated ACTH administration in a marine mammal. Scientific Reports, 2019, 9, 2718.	3.3	17
80	Auditory Evoked Potentials in Northern Elephant Seals (<I>Mirounga angustirostris</I>). Aquatic Mammals, 2007, 33, 110-121.	0.7	17
81	Assessing auditory evoked potentials of wild harbor porpoises (Phocoena phocoena). Journal of the Acoustical Society of America, 2016, 140, 442-452.	1.1	16
82	Dolphin echo-delay resolution measured with a jittered-echo paradigm. Journal of the Acoustical Society of America, 2020, 148, 374-388.	1.1	15
83	Age, Sex, and Reproductive State Influence Free Amino Acid Concentrations in the Fasting Elephant Seal. Physiological and Biochemical Zoology, 2004, 77, 838-846.	1.5	14
84	Click-evoked potentials in a large marine mammal, the adult male northern elephant seal (Mirounga) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	14
85	A profile of carbohydrate metabolites in the fasting northern elephant seal. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2013, 8, 141-151.	1.0	14
86	Behavioral responses of California sea lions to mid-frequency (3250â€“3450ÂHz) sonar signals. Marine Environmental Research, 2013, 92, 268-278.	2.5	13
87	Metabolic response to a glucagon challenge varies with adiposity and life-history stage in fasting northern elephant seals. General and Comparative Endocrinology, 2014, 195, 99-106.	1.8	13
88	Repeated adrenocorticotropic hormone administration alters adrenal and thyroid hormones in free-ranging elephant seals. , 2018, 6, coy040.		13
89	Jittered echo-delay resolution in bottlenose dolphins (Tursiops truncatus). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2019, 205, 125-137.	1.6	13
90	Interaural differences in the bottlenose dolphin (Tursiops truncatus) auditory nerve response to jawphone click stimuli. Journal of the Acoustical Society of America, 2014, 136, 1402-1409.	1.1	12

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91	Spectral cues and temporal integration during cylinder echo discrimination by bottlenose dolphins (Tursiops truncatus). Journal of the Acoustical Society of America, 2020, 148, 614-626.	1.1	12
92	Localization and Classification of Targets by Echolocating Bats and Dolphins. Springer Handbook of Auditory Research, 2014, , 169-193.	0.7	12
93	Metabolic response of dolphins to short-term fasting reveals physiological changes that differ from the traditional fasting model. Journal of Experimental Biology, 2021, 224, .	1.7	11
94	In-Air Evoked Potential Audiometry of Grey Seals (Halichoerus grypus) from the North and Baltic Seas. PLoS ONE, 2014, 9, e90824.	2.5	10
95	A blubber gene expression index for evaluating stress in marine mammals. , 2020, 8, coaa082.		10
96	ENTRANCE INTO STAGE III FASTING BY STARVELING NORTHERN ELEPHANT SEAL PUPS. Marine Mammal Science, 2003, 19, 186-197.	1.8	9
97	Detailed analysis of two detected overlaying transient components within the echolocation beam of a bottlenose dolphin (Tursiops truncatus). Journal of the Acoustical Society of America, 2019, 145, 2138-2148.	1.1	9
98	Classification of biosonar target echoes based on coarse and fine spectral features in the bottlenose dolphin (Tursiops truncatus). Journal of the Acoustical Society of America, 2020, 148, 1642-1646.	1.1	9
99	Measuring and validating concentrations of steroid hormones in the skin of bottlenose dolphins (Tursiops truncatus). , 2020, 8, coaa032.		9
100	Comparison of methods used for computing the impact of sound on the marine environment. Marine Environmental Research, 2011, 71, 342-350.	2.5	8
101	Dolphin and sea lion auditory evoked potentials in response to single and multiple swept amplitude tones. Journal of the Acoustical Society of America, 2011, 130, 1038-1048.	1.1	8
102	Aerial hearing thresholds and detection of hearing loss in male California sea lions (<i>Zalophus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.8	8
103	Bottlenose dolphin (Tursiops truncatus) auditory brainstem responses to frequency-modulated â€œchirpâ€•stimuli. Journal of the Acoustical Society of America, 2017, 142, 708-717.	1.1	8
104	Effects of noise burst rise time and level on bottlenose dolphin (Tursiops truncatus) auditory brainstem responses. Journal of the Acoustical Society of America, 2018, 143, 2914-2921.	1.1	8
105	Influence of season, age, sex, and time of day on the endocrine profile of the common bottlenose dolphin (Tursiops truncatus). General and Comparative Endocrinology, 2021, 313, 113889.	1.8	7
106	Classification of dolphin echolocation clicks by means of energy and frequency distributions. Journal of the Acoustical Society of America, 1997, 102, 3124-3124.	1.1	7
107	The effects of click and masker spectrum on the auditory brainstem response of bottlenose dolphins (Tursiops truncatus). Journal of the Acoustical Society of America, 2016, 140, 2603-2613.	1.1	6
108	Evaluating gain functions in foraging bouts using vertical excursionsÂinÂnorthern elephant seals. Animal Behaviour, 2017, 129, 15-24.	1.9	6

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109	Neural representation of the self-heard biosonar click in bottlenose dolphins (Tursiops truncatus). Journal of the Acoustical Society of America, 2017, 141, 3379-3395.	1.1	6
110	Adult male northernÂelephant seals maintain high rates of glucose production during extended breeding fasts. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 1183-1192.	1.5	6
111	Click reception in the harbor porpoise (Phocoena phocoena): Effects of electrode and contact transducer location on the auditory brainstem response. Journal of the Acoustical Society of America, 2018, 143, 2076-2084.	1.1	6
112	Blubber proteome response to repeated ACTH administration in a wild marine mammal. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 33, 100644.	1.0	6
113	Measuring auditory cortical responses in Tursiops truncatus. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2021, 207, 629-640.	1.6	6
114	Variability in Click-Evoked Potentials in Killer Whales (Orcinus orca) and Determination of a Hearing Impairment in a Rehabilitated Killer Whale. Aquatic Mammals, 2016, 42, 184-192.	0.7	6
115	Short-term enhancement and suppression of dolphin auditory evoked responses following echolocation click emission. Journal of the Acoustical Society of America, 2016, 140, 296-307.	1.1	5
116	Frequency-modulated up-chirp stimuli enhance the auditory brainstem response of the killer whale (Orcinus orca). Journal of the Acoustical Society of America, 2019, 146, 289-296.	1.1	5
117	Role of the temporal window in dolphin auditory brainstem response onset. Journal of the Acoustical Society of America, 2020, 148, 3360-3371.	1.1	5
118	Middle- and Long-Latency Auditory Evoked Potentials in Bottlenose Dolphins (<I>Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	0.7	5
119	Frequency and level dependent masking of the multiple auditory steady-state response in the bottlenose dolphin (Tursiops truncatus). Journal of the Acoustical Society of America, 2008, 123, 2928-2935.	1.1	4
120	Fractal scaling in bottlenose dolphin (Tursiops truncatus) echolocation: A case study. Physica A: Statistical Mechanics and Its Applications, 2016, 443, 221-230.	2.6	4
121	Effects of oral megestrol acetate administration on the hypothalamic-pituitary-adrenal axis of male bottlenose dolphins (Tursiops truncatus). Journal of the American Veterinary Medical Association, 2017, 251, 217-223.	0.5	4
122	Endocrine response to simulated U.S. Navy mid-frequency sonar exposures in the bottlenose dolphin (Tursiops truncatus). Journal of the Acoustical Society of America, 2020, 147, 1681-1687.	1.1	4
123	Behaviorally measured tactile sensitivity in the common bottlenose dolphin, Tursiops truncatus. Marine Mammal Science, 2020, 36, 802-812.	1.8	4
124	Marine mammal auditory research: Mischaracterization of published results. Marine Pollution Bulletin, 2009, 58, 312-313.	5.0	3
125	Using the auditory steady-state response to assess temporal dynamics of hearing sensitivity during bottlenose dolphin echolocation. Journal of the Acoustical Society of America, 2013, 134, 3913-3917.	1.1	3
126	Non-auditory, electrophysiological potentials preceding dolphin biosonar click production. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2018, 204, 271-283.	1.6	3

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127	Measurement of free glucocorticoids: quantifying corticosteroid binding capacity and its variation within and among mammal and bird species. , 2020, 8, coaa057.		3
128	When Is Temporary Threshold Shift Injurious to Marine Mammals?. Journal of Marine Science and Engineering, 2021, 9, 757.	2.6	3
129	Relating Click-Evoked Auditory Brainstem Response Waveforms to Hearing Loss in the Bottlenose Dolphin (Tursiops truncatus). Aquatic Mammals, 2016, 42, 339-349.	0.7	3
130	High Rates of Energy Expenditure and Water Flux in Freeâ€Ranging Point Reyes Mountain BeaversAplodontia rufa phaea. Physiological and Biochemical Zoology, 2007, 80, 635-642.	1.5	2
131	ULTRASOUND INSPECTION FOR INTRAVASCULAR BUBBLES IN A REPETITIVELY DIVING DOLPHIN. Bioacoustics, 2008, 17, 310-312.	1.7	2
132	AUDITORY EVOKED POTENTIALS AND BEHAVIORAL CONSIDERATIONS WITH HEARING LOSS IN SMALL CETACEANS: APPLICATION AS A STANDARD DIAGNOSTIC TEST IN HEALTH ASSESSMENT. Journal of Zoo and Wildlife Medicine, 2017, 48, 979-986.	0.6	2
133	Environment, endocrinology, and biochemistry influence expression of stress proteins in bottlenose dolphins. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 32, 100613.	1.0	2
134	Methods in the study of marine mammal stress: Measuring binding affinity of corticosteroid binding globulin. Marine Mammal Science, 2019, 35, 1659-1670.	1.8	2
135	The offset auditory brainstem response in bottlenose dolphins (Tursiops truncatus): Evidence for multiple underlying processes. Journal of the Acoustical Society of America, 2021, 149, 3163-3173.	1.1	2
136	Auditory Evoked Potential Measurement of Hearing Sensitivity in Pinnipeds. Advances in Experimental Medicine and Biology, 2012, 730, 73-76.	1.6	2
137	Output compensation of auditory brainstem responses in dolphins and sea lions. Journal of the Acoustical Society of America, 2022, 151, 3070-3082.	1.1	2
138	OPTIMIZING MODELS OF DOLPHIN AUDITORY SENSITIVITY USING EVOLUTIONARY COMPUTATION. Bioacoustics, 2001, 12, 57-78.	1.7	1
139	Guest Editorial Effects of Sound on the Marine Environment (ESME). IEEE Journal of Oceanic Engineering, 2006, 31, 2-3.	3.8	1
140	R. Bruce Lindsay Award. Journal of the Acoustical Society of America, 2007, 121, 3139-3142.	1.1	1
141	Natural Variation in Stress Hormones, Comparisons Across Matrices, and Impacts Resulting from Induced Stress in the Bottlenose Dolphin. Advances in Experimental Medicine and Biology, 2016, 875, 467-471.	1.6	1
142	Auditory oddball responses in Tursiops truncatus. JASA Express Letters, 2021, 1, .	1.1	1
143	Controlled Exposure Study of Dolphins and Sea Lions to Midfrequency Sonarlike Signals. Advances in Experimental Medicine and Biology, 2012, 730, 269-272.	1.6	1
144	The ESME Workbench: Simulating the Impact of Anthropogenic Sound on Marine Mammals. Advances in Experimental Medicine and Biology, 2012, 730, 217-219.	1.6	1

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145	The Anatomy, Bioacoustics, and Neural Physiology of Dolphin Biosonar. FASEB Journal, 2020, 34, 1-1.	0.5	1
146	Stimulus bandwidth impact on auditory evoked potential thresholds and estimated upper-frequency limits of hearing in dolphins. Journal of the Acoustical Society of America, 2018, 144, 3575-3581.	1.1	0
147	Thyroid-Stimulating Hormone Stimulation Tests in the Bottlenose Dolphin (Tursiops truncatus). Journal of Zoological and Botanical Gardens, 2021, 2, 265-272.	1.8	0
148	A complete profile of carbohydrate metabolism during prolonged fasting in the northern elephant seal. FASEB Journal, 2010, 24, 1055.4.	0.5	0
149	DEVELOPMENT ENHANCES HYPOMETABOLISM AND THE DIVE RESPONSE IN NORTHERN ELEPHANT SEAL PUPS. FASEB Journal, 2012, 26, lb721.	0.5	0
150	ACTH administration stimulates both cortisol and aldosterone secretion in fasting northern elephant seals (LB776). FASEB Journal, 2014, 28, LB776.	0.5	0
151	Effects of an acute stimulation of the HPA axis on sexual and stress hormones in male northern elephant seals (1101.5). FASEB Journal, 2014, 28, 1101.5.	0.5	0
152	Risk Functions of Dolphins and Sea Lions Exposed to Sonar Signals. Advances in Experimental Medicine and Biology, 2016, 875, 473-478.	1.6	0