

# Dorian S Houser

## List of Publications by Year in descending order

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152  
papers

3,736  
citations

101384

36  
h-index

182168

51  
g-index

196  
all docs

196  
docs citations

196  
times ranked

1845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Output compensation of auditory brainstem responses in dolphins and sea lions. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 3070-3082.	0.5	2
2	Thyroid-Stimulating Hormone Stimulation Tests in the Bottlenose Dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of Zoological and Botanical Gardens</i> , 2021, 2, 265-272.	1.0	0
3	The offset auditory brainstem response in bottlenose dolphins ( <i>Tursiops truncatus</i> ): Evidence for multiple underlying processes. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 3163-3173.	0.5	2
4	Metabolic response of dolphins to short-term fasting reveals physiological changes that differ from the traditional fasting model. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	11
5	Measuring auditory cortical responses in <i>Tursiops truncatus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2021, 207, 629-640.	0.7	6
6	When Is Temporary Threshold Shift Injurious to Marine Mammals?. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 757.	1.2	3
7	Auditory oddball responses in <i>Tursiops truncatus</i> . <i>JASA Express Letters</i> , 2021, 1, .	0.5	1
8	Influence of season, age, sex, and time of day on the endocrine profile of the common bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>General and Comparative Endocrinology</i> , 2021, 313, 113889.	0.8	7
9	Blubber proteome response to repeated ACTH administration in a wild marine mammal. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 33, 100644.	0.4	6
10	Measurement of free glucocorticoids: quantifying corticosteroid binding capacity and its variation within and among mammal and bird species. , 2020, 8, coaa057.		3
11	Effects of dolphin hearing bandwidth on biosonar click emissions. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 243-252.	0.5	18
12	Spectral cues and temporal integration during cylinder echo discrimination by bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2020, 148, 614-626.	0.5	12
13	Dolphin echo-delay resolution measured with a jittered-echo paradigm. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 374-388.	0.5	15
14	Classification of biosonar target echoes based on coarse and fine spectral features in the bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2020, 148, 1642-1646.	0.5	9
15	A blubber gene expression index for evaluating stress in marine mammals. , 2020, 8, coaa082.		10
16	Role of the temporal window in dolphin auditory brainstem response onset. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 3360-3371.	0.5	5
17	Measuring and validating concentrations of steroid hormones in the skin of bottlenose dolphins ( <i>Tursiops truncatus</i> ). , 2020, 8, coaa032.		9
18	Endocrine response to simulated U.S. Navy mid-frequency sonar exposures in the bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2020, 147, 1681-1687.	0.5	4

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19	Behaviorally measured tactile sensitivity in the common bottlenose dolphin, <i>Tursiops truncatus</i> . <i>Marine Mammal Science</i> , 2020, 36, 802-812.	0.9	4
20	The Anatomy, Bioacoustics, and Neural Physiology of Dolphin Biosonar. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	1
21	Dolphin echolocation behaviour during active long-range target approaches. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	25
22	Environment, endocrinology, and biochemistry influence expression of stress proteins in bottlenose dolphins. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 32, 100613.	0.4	2
23	Managing the Effects of Noise From Ship Traffic, Seismic Surveying and Construction on Marine Mammals in Antarctica. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	33
24	Frequency-modulated up-chirp stimuli enhance the auditory brainstem response of the killer whale ( <i>Orcinus orca</i> ). <i>Journal of the Acoustical Society of America</i> , 2019, 146, 289-296.	0.5	5
25	Jittered echo-delay resolution in bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 125-137.	0.7	13
26	Methods in the study of marine mammal stress: Measuring binding affinity of corticosteroid binding globulin. <i>Marine Mammal Science</i> , 2019, 35, 1659-1670.	0.9	2
27	Detailed analysis of two detected overlaying transient components within the echolocation beam of a bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2019, 145, 2138-2148.	0.5	9
28	Blubber transcriptome responses to repeated ACTH administration in a marine mammal. <i>Scientific Reports</i> , 2019, 9, 2718.	1.6	17
29	Click reception in the harbor porpoise ( <i>Phocoena phocoena</i> ): Effects of electrode and contact transducer location on the auditory brainstem response. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 2076-2084.	0.5	6
30	Characterization of circulating steroid hormone profiles in the bottlenose dolphin ( <i>Tursiops</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T <i>Comparative Endocrinology</i> , 2018, 263, 80-91.	0.8	20
31	Effects of vibratory pile driver noise on echolocation and vigilance in bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2018, 143, 429-439.	0.5	20
32	Non-auditory, electrophysiological potentials preceding dolphin biosonar click production. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 271-283.	0.7	3
33	Marine mammals and sonar: Dose-response studies, the risk-disturbance hypothesis and the role of exposure context. <i>Journal of Applied Ecology</i> , 2018, 55, 396-404.	1.9	64
34	Stimulus bandwidth impact on auditory evoked potential thresholds and estimated upper-frequency limits of hearing in dolphins. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 3575-3581.	0.5	0
35	Comprehensive endocrine response to acute stress in the bottlenose dolphin from serum, blubber, and feces. <i>General and Comparative Endocrinology</i> , 2018, 266, 178-193.	0.8	60
36	Repeated adrenocorticotrophic hormone administration alters adrenal and thyroid hormones in free-ranging elephant seals. , 2018, 6, coy040.		13

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37	Effects of noise burst rise time and level on bottlenose dolphin ( <i>Tursiops truncatus</i> ) auditory brainstem responses. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 2914-2921.	0.5	8
38	Killer whale ( <i>Orcinus orca</i> ) behavioral audiograms. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 2387-2398.	0.5	45
39	Evaluating gain functions in foraging bouts using vertical excursions in northern elephant seals. <i>Animal Behaviour</i> , 2017, 129, 15-24.	0.8	6
40	Neural representation of the self-heard biosonar click in bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2017, 141, 3379-3395.	0.5	6
41	A review of the history, development and application of auditory weighting functions in humans and marine mammals. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 1371-1413.	0.5	41
42	Bottlenose dolphin ( <i>Tursiops truncatus</i> ) auditory brainstem responses to frequency-modulated echirp stimuli. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 708-717.	0.5	8
43	Effects of oral megestrol acetate administration on the hypothalamic-pituitary-adrenal axis of male bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of the American Veterinary Medical Association</i> , 2017, 251, 217-223.	0.2	4
44	Adult male northern elephant seals maintain high rates of glucose production during extended breeding fasts. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 1183-1192.	0.7	6
45	Blubber cortisol qualitatively reflects circulating cortisol concentrations in bottlenose dolphins. <i>Marine Mammal Science</i> , 2017, 33, 134-153.	0.9	59
46	AUDITORY EVOKED POTENTIALS AND BEHAVIORAL CONSIDERATIONS WITH HEARING LOSS IN SMALL CETACEANS: APPLICATION AS A STANDARD DIAGNOSTIC TEST IN HEALTH ASSESSMENT. <i>Journal of Zoo and Wildlife Medicine</i> , 2017, 48, 979-986.	0.3	2
47	The environment as a driver of immune and endocrine responses in dolphins ( <i>Tursiops truncatus</i> ). <i>PLoS ONE</i> , 2017, 12, e0176202.	1.1	44
48	Short-term enhancement and suppression of dolphin auditory evoked responses following echolocation click emission. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 296-307.	0.5	5
49	Nearfield and farfield measurements of dolphin echolocation beam patterns: No evidence of focusing. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 1346-1360.	0.5	18
50	Place specificity of the click-evoked auditory brainstem response in the bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2016, 140, 2593-2602.	0.5	21
51	The effects of click and masker spectrum on the auditory brainstem response of bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2016, 140, 2603-2613.	0.5	6
52	Assessing auditory evoked potentials of wild harbor porpoises ( <i>Phocoena phocoena</i> ). <i>Journal of the Acoustical Society of America</i> , 2016, 140, 442-452.	0.5	16
53	Fractal scaling in bottlenose dolphin ( <i>Tursiops truncatus</i> ) echolocation: A case study. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 443, 221-230.	1.2	4
54	Effects of environmental variables on surface temperature of breeding adult female northern elephant seals, <i>Mirounga angustirostris</i> , and pups. <i>Journal of Thermal Biology</i> , 2016, 61, 98-105.	1.1	37

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55	Natural Variation in Stress Hormones, Comparisons Across Matrices, and Impacts Resulting from Induced Stress in the Bottlenose Dolphin. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 467-471.	0.8	1
56	Variability in Click-Evoked Potentials in Killer Whales ( <i>Orcinus orca</i> ) and Determination of a Hearing Impairment in a Rehabilitated Killer Whale. <i>Aquatic Mammals</i> , 2016, 42, 184-192.	0.4	6
57	Risk Functions of Dolphins and Sea Lions Exposed to Sonar Signals. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 473-478.	0.8	0
58	Relating Click-Evoked Auditory Brainstem Response Waveforms to Hearing Loss in the Bottlenose Dolphin ( <i>Tursiops truncatus</i> ). <i>Aquatic Mammals</i> , 2016, 42, 339-349.	0.4	3
59	Adrenal sensitivity to stress is maintained despite variation in baseline glucocorticoids in moulting seals. , 2015, 3, cov004.		23
60	Stress physiology in marine mammals: how well do they fit the terrestrial model?. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015, 185, 463-486.	0.7	89
61	In-Air Evoked Potential Audiometry of Grey Seals ( <i>Halichoerus grypus</i> ) from the North and Baltic Seas. <i>PLoS ONE</i> , 2014, 9, e90824.	1.1	10
62	Adiposity and Fat Metabolism in Lactating and Fasting Northern Elephant Seals. <i>Advances in Nutrition</i> , 2014, 5, 57-64.	2.9	56
63	High-resolution measurement of a bottlenose dolphin's ( <i>Tursiops truncatus</i> ) biosonar transmission beam pattern in the horizontal plane. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 2025-2038.	0.5	48
64	Aerial hearing thresholds and detection of hearing loss in male California sea lions ( <i>Zalophus</i> )	0.9	8
65	Interaural differences in the bottlenose dolphin ( <i>Tursiops truncatus</i> ) auditory nerve response to jawphone click stimuli. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 1402-1409.	0.5	12
66	Metabolic responses to adrenocorticotrophic hormone (ACTH) vary with life-history stage in adult male northern elephant seals. <i>General and Comparative Endocrinology</i> , 2014, 204, 150-157.	0.8	39
67	Metabolic response to a glucagon challenge varies with adiposity and life-history stage in fasting northern elephant seals. <i>General and Comparative Endocrinology</i> , 2014, 195, 99-106.	0.8	13
68	Localization and Classification of Targets by Echolocating Bats and Dolphins. <i>Springer Handbook of Auditory Research</i> , 2014, , 169-193.	0.3	12
69	ACTH administration stimulates both cortisol and aldosterone secretion in fasting northern elephant seals (LB776). <i>FASEB Journal</i> , 2014, 28, LB776.	0.2	0
70	Effects of an acute stimulation of the HPA axis on sexual and stress hormones in male northern elephant seals (1101.5). <i>FASEB Journal</i> , 2014, 28, 1101.5.	0.2	0
71	Development enhances hypometabolism in northern elephant seal pups ( <i>Mirounga</i> )	1.7	18
72	Lactate flux and gluconeogenesis in fasting, weaned northern elephant seals ( <i>Mirounga</i> )	0.7	25

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73	Exposure amplitude and repetition affect bottlenose dolphin behavioral responses to simulated mid-frequency sonar signals. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 443, 123-133.	0.7	30
74	A profile of carbohydrate metabolites in the fasting northern elephant seal. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2013, 8, 141-151.	0.4	14
75	Behavioral responses of California sea lions to mid-frequency (3250–3450 Hz) sonar signals. <i>Marine Environmental Research</i> , 2013, 92, 268-278.	1.1	13
76	A Non-Traditional Model of the Metabolic Syndrome: The Adaptive Significance of Insulin Resistance in Fasting-Adapted Seals. <i>Frontiers in Endocrinology</i> , 2013, 4, 164.	1.5	38
77	Using the auditory steady-state response to assess temporal dynamics of hearing sensitivity during bottlenose dolphin echolocation. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 3913-3917.	0.5	3
78	Auditory evoked potentials in a bottlenose dolphin during moderate-range echolocation tasks. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 4532-4547.	0.5	21
79	Glucose oxidation and nonoxidative glucose disposal during prolonged fasts of the northern elephant seal pup ( <i>Mirounga angustirostris</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R562-R570.	0.9	29
80	Underwater psychophysical audiogram of a young male California sea lion ( <i>Zalophus californianus</i> ). <i>Journal of the Acoustical Society of America</i> , 2012, 131, 4182-4187.	0.5	27
81	Impact of Body Reserves on Energy Expenditure, Water Flux, and Mating Success in Breeding Male Northern Elephant Seals. <i>Physiological and Biochemical Zoology</i> , 2012, 85, 11-20.	0.6	79
82	Gluconeogenesis is associated with high rates of tricarboxylic acid and pyruvate cycling in fasting northern elephant seals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R340-R352.	0.9	28
83	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.	1.2	99
84	Sex differences in fuel use and metabolism during development in fasting juvenile northern elephant seals. <i>Journal of Experimental Biology</i> , 2012, 215, 2637-2645.	0.8	35
85	Fasting Physiology of the Pinnipeds: The Challenges of Fasting While Maintaining High Energy Expenditure and Nutrient Delivery for Lactation. , 2012, , 309-336.		41
86	Hormone and metabolite changes associated with extended breeding fasts in male northern elephant seals ( <i>Mirounga angustirostris</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 161, 388-394.	0.8	38
87	Differential changes of fat-soluble vitamins and pollutants during lactation in northern elephant seal mother–pup pairs. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 162, 323-330.	0.8	19
88	Auditory Evoked Potential Measurement of Hearing Sensitivity in Pinnipeds. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 73-76.	0.8	2
89	Controlled Exposure Study of Dolphins and Sea Lions to Midfrequency Sonarlike Signals. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 269-272.	0.8	1
90	The Effects of Handling and Anesthetic Agents on the Stress Response and Carbohydrate Metabolism in Northern Elephant Seals. <i>PLoS ONE</i> , 2012, 7, e38442.	1.1	54

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91	The ESME Workbench: Simulating the Impact of Anthropogenic Sound on Marine Mammals. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 217-219.	0.8	1
92	DEVELOPMENT ENHANCES HYPOMETABOLISM AND THE DIVE RESPONSE IN NORTHERN ELEPHANT SEAL PUPS. <i>FASEB Journal</i> , 2012, 26, lb721.	0.2	0
93	Cold Stress Induces an Adrenocortical Response in Bottlenose Dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2011, 42, 565-571.	0.3	53
94	High-density lipoprotein remains elevated despite reductions in total cholesterol in fasting adult male elephant seals ( <i>Mirounga angustirostris</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 159, 214-219.	0.7	20
95	Comparison of methods used for computing the impact of sound on the marine environment. <i>Marine Environmental Research</i> , 2011, 71, 342-350.	1.1	8
96	Blood dynamics of mercury and selenium in northern elephant seals during the lactation period. <i>Environmental Pollution</i> , 2011, 159, 2523-2529.	3.7	42
97	Frequency-dependent variation in the two-dimensional beam pattern of an echolocating dolphin. <i>Biology Letters</i> , 2011, 7, 836-839.	1.0	29
98	Auditory evoked potentials in two short-finned pilot whales ( <i>Globicephala macrorhynchus</i> ). <i>Journal of the Acoustical Society of America</i> , 2011, 129, 1111-1116.	0.5	18
99	California sea lion ( <i>Zalophus californianus</i> ) aerial hearing sensitivity measured using auditory steady-state response and psychophysical methods. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 2298-2306.	0.5	22
100	Dolphin and sea lion auditory evoked potentials in response to single and multiple swept amplitude tones. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 1038-1048.	0.5	8
101	Assessment of gestation, lactation and fasting on stable isotope ratios in northern elephant seals ( <i>Mirounga angustirostris</i> ). <i>Marine Mammal Science</i> , 2010, 26, 880-895.	0.9	62
102	Investigation of the potential for vascular bubble formation in a repetitively diving dolphin. <i>Journal of Experimental Biology</i> , 2010, 213, 52-62.	0.8	36
103	A method to enable a bottlenose dolphin ( <i>Tursiops truncatus</i> ) to echolocate while out of water. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 1483-1489.	0.5	19
104	The acoustic field on the forehead of echolocating Atlantic bottlenose dolphins ( <i>Tursiops</i> ). <i>Journal of the Acoustical Society of America</i> , 2010, 128, 1483-1489.	0.5	48
105	Environment and activity affect skin temperature in breeding adult male elephant seals ( <i>Mirounga</i> ). <i>Journal of Experimental Biology</i> , 2010, 213, 52-62.	0.8	31
106	Relationship of blood flow and metabolism to acoustic processing centers of the dolphin brain. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 1460-1466.	0.5	17
107	A complete profile of carbohydrate metabolism during prolonged fasting in the northern elephant seal. <i>FASEB Journal</i> , 2010, 24, 1055.4.	0.2	0
108	Auditory evoked potentials in a stranded Gervais's beaked whale ( <i>Mesoplodon europaeus</i> ). <i>Journal of the Acoustical Society of America</i> , 2009, 126, 484-490.	0.5	40

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109	Marine mammal auditory research: Mischaracterization of published results. <i>Marine Pollution Bulletin</i> , 2009, 58, 312-313.	2.3	3
110	Evoked potential audiometry of 13 Pacific bottlenose dolphins ( <i>Tursiops truncatus gilli</i> ). <i>Marine Mammal Science</i> , 2008, 24, 28-41.	0.9	55
111	Beamwidth control and angular target detection in an echolocating bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2008, 123, 2928-2935.	0.5	85
112	Frequency and level dependent masking of the multiple auditory steady-state response in the bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2008, 123, 2928-2935.	0.5	4
113	Hormonal regulation of glucose clearance in lactating northern elephant seals ( <i>Mirounga angustirostris</i> ). <i>Journal of Experimental Biology</i> , 2008, 211, 3249-3257.	0.8	37
114	Estimating bottlenose dolphin ( <i>Tursiops truncatus</i> ) hearing thresholds from single and multiple simultaneous auditory evoked potentials. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 542-551.	0.5	23
115	Thermal tolerance in bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of Experimental Biology</i> , 2008, 211, 3249-3257.	0.8	44
116	Click-evoked potentials in a large marine mammal, the adult male northern elephant seal ( <i>Mirounga angustirostris</i> ). <i>Journal of Experimental Biology</i> , 2008, 211, 3249-3257.	0.5	14
117	ULTRASOUND INSPECTION FOR INTRAVASCULAR BUBBLES IN A REPETITIVELY DIVING DOLPHIN. <i>Bioacoustics</i> , 2008, 17, 310-312.	0.7	2
118	Lipolysis and glycerol gluconeogenesis in simultaneously fasting and lactating northern elephant seals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R2376-R2381.	0.9	36
119	High Rates of Energy Expenditure and Water Flux in Free-Ranging Point Reyes Mountain Beavers ( <i>Aplodontia rufa phaea</i> ). <i>Physiological and Biochemical Zoology</i> , 2007, 80, 635-642.	0.6	2
120	Bio-inspired wideband sonar signals based on observations of the bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2007, 122, 615-622.	0.5	67
121	Simultaneously measured behavioral and electrophysiological hearing thresholds in a bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2007, 122, 615-622.	0.5	22
122	Bottlenose dolphin ( <i>Tursiops truncatus</i> ) steady-state evoked responses to multiple simultaneous sinusoidal amplitude modulated tones. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 1775-1782.	0.5	20
123	R. Bruce Lindsay Award. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 3139-3142.	0.5	1
124	Modulation rate transfer functions in bottlenose dolphins ( <i>Tursiops truncatus</i> ) with normal hearing and high-frequency hearing loss. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2007, 193, 835-843.	0.7	20
125	Auditory Evoked Potentials in Northern Elephant Seals ( <i>Mirounga angustirostris</i> ). <i>Aquatic Mammals</i> , 2007, 33, 110-121.	0.4	17
126	Measurement and Response Characteristics of Auditory Brainstem Responses in Pinnipeds. <i>Aquatic Mammals</i> , 2007, 33, 132-150.	0.4	18



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127	Middle- and Long-Latency Auditory Evoked Potentials in Bottlenose Dolphins (<I>Tursiops) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	0.4	5
128	Objective Detection of Bottlenose Dolphin (<I>Tursiops truncatus</I>) Steady-State Auditory Evoked Potentials in Response to AM/FM Tones. <i>Aquatic Mammals</i> , 2007, 33, 43-54.	0.4	23
129	A Method for Modeling Marine Mammal Movement and Behavior for Environmental Impact Assessment. <i>IEEE Journal of Oceanic Engineering</i> , 2006, 31, 76-81.	2.1	35
130	Guest Editorial Effects of Sound on the Marine Environment (ESME). <i>IEEE Journal of Oceanic Engineering</i> , 2006, 31, 2-3.	2.1	1
131	Beaked whale auditory evoked potential hearing measurements. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2006, 192, 489-495.	0.7	58
132	Angiotensin II and Aldosterone Increase with Fasting in Breeding Adult Male Northern Elephant Seals ( <i>Mirounga angustirostris</i> ). <i>Physiological and Biochemical Zoology</i> , 2006, 79, 1106-1112.	0.6	34
133	Glucose metabolism during lactation in a fasting animal, the northern elephant seal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R1129-R1137.	0.9	38
134	Variation in the hearing sensitivity of a dolphin population determined through the use of evoked potential audiometry. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 4090-4099.	0.5	101
135	Functional imaging of dolphin brain metabolism and blood flow. <i>Journal of Experimental Biology</i> , 2006, 209, 2902-2910.	0.8	63
136	Comparison of in-air evoked potential and underwater behavioral hearing thresholds in four bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Journal of the Acoustical Society of America</i> , 2006, 119, 3181-3192.	0.5	61
137	A comparison of underwater hearing sensitivity in bottlenose dolphins ( <i>Tursiops truncatus</i> ) determined by electrophysiological and behavioral methods. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 1713-1722.	0.5	68
138	Instrumenting free-swimming dolphins echolocating in open water. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 2301-2307.	0.5	22
139	Glucose production and substrate cycle activity in a fasting adapted animal, the northern elephant seal. <i>Journal of Experimental Biology</i> , 2005, 208, 859-868.	0.8	63
140	Echolocation characteristics of free-swimming bottlenose dolphins during object detection and identification. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 2308-2317.	0.5	33
141	Structural and functional imaging of bottlenose dolphin ( <i>Tursiops truncatus</i> ) cranial anatomy. <i>Journal of Experimental Biology</i> , 2004, 207, 3657-3665.	0.8	79
142	Age, Sex, and Reproductive State Influence Free Amino Acid Concentrations in the Fasting Elephant Seal. <i>Physiological and Biochemical Zoology</i> , 2004, 77, 838-846.	0.6	14
143	Hormonal changes associated with the transition between nursing and natural fasting in northern elephant seals ( <i>Mirounga angustirostris</i> ). <i>General and Comparative Endocrinology</i> , 2003, 130, 78-83.	0.8	55
144	ENTRANCE INTO STAGE III FASTING BY STARVELING NORTHERN ELEPHANT SEAL PUPS. <i>Marine Mammal Science</i> , 2003, 19, 186-197.	0.9	9

#	ARTICLE	IF	CITATIONS
145	The effect of a low-frequency sound source (acoustic thermometry of the ocean climate) on the diving behavior of juvenile northern elephant seals, <i>Mirounga angustirostris</i> . <i>Journal of the Acoustical Society of America</i> , 2003, 113, 1155-1165.	0.5	54
146	OPTIMIZING MODELS OF DOLPHIN AUDITORY SENSITIVITY USING EVOLUTIONARY COMPUTATION. <i>Bioacoustics</i> , 2001, 12, 57-78.	0.7	1
147	Protein catabolism in suckling and fasting northern elephant seal pups ( <i>Mirounga angustirostris</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2001, 171, 635-642.	0.7	74
148	Can Diving-induced Tissue Nitrogen Supersaturation Increase the Chance of Acoustically Driven Bubble Growth in Marine Mammals?. <i>Journal of Theoretical Biology</i> , 2001, 213, 183-195.	0.8	66
149	Renal function in suckling and fasting pups of the northern elephant seal. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2001, 129, 405-415.	0.8	19
150	Classification of dolphin echolocation clicks by energy and frequency distributions. <i>Journal of the Acoustical Society of America</i> , 1999, 106, 1579-1585.	0.5	75
151	Classification of dolphin echolocation clicks by means of energy and frequency distributions. <i>Journal of the Acoustical Society of America</i> , 1997, 102, 3124-3124.	0.5	7
152	Zooplankton Dynamics in an Intertidal Salt-Marsh Basin. <i>Estuaries and Coasts</i> , 1996, 19, 659.	1.7	26