

# John A Hildebrand

## List of Publications by Year in descending order

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162  
papers

7,753  
citations

44042

48  
h-index

64755

79  
g-index

244  
all docs

244  
docs citations

244  
times ranked

4070  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increases in deep ocean ambient noise in the Northeast Pacific west of San Nicolas Island, California. Journal of the Acoustical Society of America, 2006, 120, 711-718.	0.5	372
2	Underwater radiated noise from modern commercial ships. Journal of the Acoustical Society of America, 2012, 131, 92-103.	0.5	325
3	A Complex Pattern of Mantle Flow in the Lau Backarc. Science, 2001, 292, 713-716.	6.0	248
4	Kinematics of foraging dives and lunge-feeding in fin whales. Journal of Experimental Biology, 2006, 209, 1231-1244.	0.8	246
5	Blue and fin whale call source levels and propagation range in the Southern Ocean. Journal of the Acoustical Society of America, 2007, 122, 1208-1215.	0.5	212
6	Precise GPS/Acoustic positioning of seafloor reference points for tectonic studies. Physics of the Earth and Planetary Interiors, 1998, 108, 101-112.	0.7	203
7	Seasonality of blue and fin whale calls and the influence of sea ice in the Western Antarctic Peninsula. Deep-Sea Research Part II: Topical Studies in Oceanography, 2004, 51, 2327-2344.	0.6	199
8	Blue and fin whales observed on a seafloor array in the Northeast Pacific. Journal of the Acoustical Society of America, 1995, 98, 712-721.	0.5	183
9	Classification of Risso's and Pacific white-sided dolphins using spectral properties of echolocation clicks. Journal of the Acoustical Society of America, 2008, 124, 609-624.	0.5	149
10	High-frequency Acoustic Recording Package (HARP) for broad-band, long-term marine mammal monitoring. , 2007, , .		146
11	Blue and fin whale acoustic presence around Antarctica during 2003 and 2004. Marine Mammal Science, 2009, 25, 125-136.	0.9	120
12	The acoustic calls of blue whales off California with gender data. Journal of the Acoustical Society of America, 2001, 109, 1728-1735.	0.5	118
13	Seismic and hydrothermal evidence for a cracking event on the East Pacific Rise crest at 9°48'N. Nature, 1998, 396, 159-161.	13.7	117
14	Species-specific beaked whale echolocation signals. Journal of the Acoustical Society of America, 2013, 134, 2293-2301.	0.5	114
15	Temporal separation of blue whale call types on a southern California feeding ground. Animal Behaviour, 2007, 74, 881-894.	0.8	111
16	Constraints on melt in the lower crust and Moho at the East Pacific Rise, 9°48'N, using seafloor compliance measurements. Journal of Geophysical Research, 1999, 104, 2923-2939.	3.3	109
17	Acoustic pathways revealed: simulated sound transmission and reception in Cuvier's beaked whale ( ) Tj ETQq1 1 0.784314 rgBT /Overdo	1.5	107
18	Seafloor compliance observed by long-period pressure and displacement measurements. Journal of Geophysical Research, 1991, 96, 16151-16160.	3.3	105

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19	Anatomic Geometry of Sound Transmission and Reception in Cuvier's Beaked Whale ( <i>Ziphius cavirostris</i> ). <i>Journal of the Acoustical Society of America</i> , 2011, 129, 104-110.	0.8	100
20	Relationship between container ship underwater noise levels and ship design, operational and oceanographic conditions. <i>Scientific Reports</i> , 2013, 3, .	1.6	100
21	The application of inverse theory to seamount magnetism. <i>Reviews of Geophysics</i> , 1987, 25, 17-40.	9.0	98
22	Geomagnetic intensity variations over the past 780 kyr obtained from near-seafloor magnetic anomalies. <i>Nature</i> , 2000, 408, 827-832.	13.7	98
23	Listening for Large Whales in the Offshore Waters of Alaska. <i>BioScience</i> , 2006, 56, 49.	2.2	95
24	A 50Year comparison of ambient ocean noise near San Clemente Island: A bathymetrically complex coastal region off Southern California. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 1985-1992.	0.5	94
25	Classification of echolocation clicks from odontocetes in the Southern California Bight. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 467-475.	0.5	94
26	Tonga Ridge and Lau Basin crustal structure from seismic refraction data. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	93
27	Blue Whales Respond to Anthropogenic Noise. <i>PLoS ONE</i> , 2012, 7, e32681.	1.1	88
28	Temporal separation of two fin whale call types across the eastern North Pacific. <i>Marine Biology</i> , 2013, 160, 47-57.	0.7	88
29	Underwater ambient noise on the Chukchi Sea continental slope from 2006 to 2009. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 104-110.	0.5	82
30	Seasonal variability in whale encounters in the Western Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004, 51, 2311-2325.	0.6	77
31	Blue Whale ( <i>Balaenoptera musculus</i> ) Diel Call Patterns Offshore of Southern California. <i>Aquatic Mammals</i> , 2005, 31, 161-168.	0.4	73
32	Gaussian mixture model classification of odontocetes in the Southern California Bight and the Gulf of California. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 1737-1748.	0.5	71
33	Spatial and temporal patterns of Risso's dolphin echolocation in the Southern California Bight. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 124-132.	0.5	71
34	Synchronous Seasonal Change in Fin Whale Song in the North Pacific. <i>PLoS ONE</i> , 2014, 9, e115678.	1.1	68
35	A microearthquake survey of the high-temperature vent fields on the volcanically active East Pacific Rise (9°50'N). <i>Journal of Geophysical Research</i> , 1999, 104, 25367-25377.	3.3	65
36	Passive acoustic monitoring of beaked whale densities in the Gulf of Mexico. <i>Scientific Reports</i> , 2015, 5, 16343.	1.6	65

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37	Acoustic Models of Sound Production and Propagation. Springer Handbook of Auditory Research, 2000, , 409-469.	0.3	63
38	Test of Newton's inverse-square law in the Greenland ice cap. Physical Review Letters, 1989, 62, 985-988.	2.9	62
39	Estimating shear velocities in the oceanic crust from compliance measurements by two-dimensional finite difference modeling. Journal of Geophysical Research, 1998, 103, 9895-9916.	3.3	62
40	Jasper Seamount structure: Seafloor seismic refraction tomography. Journal of Geophysical Research, 1994, 99, 6731.	3.3	61
41	Spatio-Temporal Patterns of Beaked Whale Echolocation Signals in the North Pacific. PLoS ONE, 2014, 9, e86072.	1.1	60
42	Deep-water measurements of container ship radiated noise signatures and directionality. Journal of the Acoustical Society of America, 2017, 142, 1563-1574.	0.5	59
43	Modeling the Tonga slab: Can travel time data resolve a metastable olivine wedge?. Journal of Geophysical Research, 1998, 103, 30079-30100.	3.3	55
44	Cuvier's beaked whale ( <i>Ziphius cavirostris</i> ) head tissues: physical properties and CT imaging. Journal of Experimental Biology, 2005, 208, 2319-2332.	0.8	55
45	A comparison of measured and predicted broadband acoustic arrival patterns in travel time-depth coordinates at 1000 km range. Journal of the Acoustical Society of America, 1994, 95, 3118-3128.	0.5	54
46	Seismic structure and anisotropy of the Juan de Fuca Ridge at 45°N. Journal of Geophysical Research, 1994, 99, 4857-4873.	3.3	54
47	A seafloor and sea surface gravity survey of Axial Volcano. Journal of Geophysical Research, 1990, 95, 12751-12763.	3.3	53
48	Site specific probability of passive acoustic detection of humpback whale calls from single fixed hydrophones. Journal of the Acoustical Society of America, 2013, 134, 2556-2570.	0.5	53
49	North Pacific right whale ( <i>Eubalaena japonica</i> ) seasonal and diel calling patterns from long-term acoustic recordings in the southeastern Bering Sea, 2000-2006. Marine Mammal Science, 2008, 24, 795-814.	0.9	51
50	A generalized power-law detection algorithm for humpback whale vocalizations. Journal of the Acoustical Society of America, 2012, 131, 2682-2699.	0.5	51
51	Timing is everything: Drivers of interannual variability in blue whale migration. Scientific Reports, 2020, 10, 7710.	1.6	49
52	Three-dimensional tomographic velocity structure of upper crust, Coaxial segment, Juan de Fuca Ridge: Implications for on-axis evolution and hydrothermal circulation. Journal of Geophysical Research, 1997, 102, 17679-17695.	3.3	47
53	Discriminating features of echolocation clicks of melon-headed whales ( <i>Peponocephala</i> ) ( <i>Stenella longirostris longirostris</i> ). Journal of the Acoustical Society of America, 2010, 128, 2212-2224.	0.5	47
54	LOW FREQUENCY CALLS OF BRYDE'S WHALES. Marine Mammal Science, 2003, 19, 407-419.	0.9	46

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55	Migratory behavior of eastern North Pacific gray whales tracked using a hydrophone array. PLoS ONE, 2017, 12, e0185585.	1.1	45
56	Submarine measurement of the Newtonian gravitational constant. Physical Review Letters, 1991, 67, 3051-3054.	2.9	42
57	Estimation and correction for the effect of sound velocity variation on GPS/Acoustic seafloor positioning: An experiment off Hawaii Island. Earth, Planets and Space, 2003, 55, e17-e20.	0.9	42
58	Classification of behavior using vocalizations of Pacific white-sided dolphins ( <i>Lagenorhynchus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	42
59	Automated classification of dolphin echolocation click types from the Gulf of Mexico. PLoS Computational Biology, 2017, 13, e1005823.	1.5	42
60	Paleomagnetism of Cretaceous Pacific Seamounts revisited. Journal of Geophysical Research, 1987, 92, 12695-12712.	3.3	41
61	Bryde's whale seasonal range expansion and increasing presence in the Southern California Bight from 2000 to 2010. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 65, 125-132.	0.6	41
62	No spreading across the Southern Juan de Fuca Ridge axial cleft during 1994-1996. Geophysical Research Letters, 1999, 26, 2525-2528.	1.5	40
63	Beaked whale and dolphin tracking using a multichannel autonomous acoustic recorder. Journal of the Acoustical Society of America, 2012, 131, 156-163.	0.5	40
64	Inter-annual and seasonal trends in cetacean distribution, density and abundance off southern California. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 112, 143-157.	0.6	39
65	Ringed, Bearded, and Ribbon Seal Vocalizations North of Barrow, Alaska: Seasonal Presence and Relationship with Sea Ice. Arctic, 2014, 67, 203.	0.2	38
66	Echolocation signals of a beaked whale at Palmyra Atoll. Journal of the Acoustical Society of America, 2010, 127, 3790-3799.	0.5	37
67	Three-dimensional tracking of Cuvier's beaked whales' echolocation sounds using nested hydrophone arrays. Journal of the Acoustical Society of America, 2015, 138, 2483-2494.	0.5	35
68	Long-term acoustic monitoring at North Sea well site 22/4b. Marine and Petroleum Geology, 2015, 68, 776-788.	1.5	35
69	North Pacific right whale up-call source levels and propagation distance on the southeastern Bering Sea shelf. Journal of the Acoustical Society of America, 2011, 129, 4047-4054.	0.5	34
70	Assessing Seasonality and Density From Passive Acoustic Monitoring of Signals Presumed to be From Pygmy and Dwarf Sperm Whales in the Gulf of Mexico. Frontiers in Marine Science, 2019, 6, .	1.2	34
71	An acoustic survey of beaked whales at Cross Seamount near Hawaii. Journal of the Acoustical Society of America, 2009, 125, 624-627.	0.5	33
72	Tracking dolphin whistles using an autonomous acoustic recorder array. Journal of the Acoustical Society of America, 2013, 133, 3813-3818.	0.5	32

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73	Sei whale sounds recorded in the Antarctic. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 3941-3945.	0.5	31
74	Bryde's whale calls recorded in the Gulf of Mexico. <i>Marine Mammal Science</i> , 2014, 30, 399-409.	0.9	31
75	Acoustic navigation of a large-aperture array. <i>Journal of the Acoustical Society of America</i> , 1990, 87, 154-167.	0.5	30
76	High-frequency modulated signals of killer whales ( <i>Orcinus orca</i> ) in the North Pacific. <i>Journal of the Acoustical Society of America</i> , 2012, 131, EL295-EL301.	0.5	29
77	Evaluation of postmortem changes in tissue structure in the bottlenose dolphin ( <i>Tursiops</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.8	28
78	BLUE WHALE VISUAL AND ACOUSTIC ENCOUNTER RATES IN THE SOUTHERN CALIFORNIA BIGHT. <i>Marine Mammal Science</i> , 2007, 23, 574-597.	0.9	28
79	Vertical deformation measurements on the submerged south flank of Kālauea volcano, Hawai'i reveal seafloor motion associated with volcanic collapse. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	28
80	The Two-Curvature Method for Reconstructing Ceramic Morphology. <i>American Antiquity</i> , 1990, 55, 388-403.	0.6	27
81	Offshore killer whale tracking using multiple hydrophone arrays. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 3513-3521.	0.5	27
82	Acoustic behavior of melon-headed whales varies on a diel cycle. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1553-1563.	0.6	27
83	Fine-scale seismic structure of the shallow volcanic crust on the East Pacific Rise at 9°50'N. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	26
84	Centimeter-Level Positioning of Seafloor Acoustic Transponders from a Deeply-Towed Interrogator. <i>Marine Geodesy</i> , 2005, 28, 39-70.	0.9	26
85	Calibrating passive acoustic monitoring: Correcting humpback whale call detections for site-specific and time-dependent environmental characteristics. <i>Journal of the Acoustical Society of America</i> , 2013, 134, EL400-EL406.	0.5	26
86	Habitat-Based Density Models for Three Cetacean Species off Southern California Illustrate Pronounced Seasonal Differences. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	26
87	Ocean acoustic tomography at 1000-km range using wavefronts measured with a large-aperture vertical array. <i>Journal of Geophysical Research</i> , 1993, 98, 16365-16377.	3.3	25
88	Hess Deep rift valley structure from seismic tomography. <i>Journal of Geophysical Research</i> , 1996, 101, 22335-22353.	3.3	25
89	Fluctuations of the paleomagnetic field during chron C5 as recorded in near-bottom marine magnetic anomaly data. <i>Journal of Geophysical Research</i> , 2001, 106, 26379-26396.	3.3	25
90	Using passive acoustics to model blue whale habitat off the Western Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 1719-1728.	0.6	25

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91	Management of acoustic metadata for bioacoustics. <i>Ecological Informatics</i> , 2016, 31, 122-136.	2.3	25
92	An ocean bottom gravity study of the southern Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , 1994, 99, 4875-4888.	3.3	24
93	A towed marine gravity meter for near-bottom surveys. <i>Geophysics</i> , 1997, 62, 1386-1393.	1.4	24
94	Bioinspired intrinsic control of freeze cast composites: Harnessing hydrophobic hydration and clathrate hydrates. <i>Acta Materialia</i> , 2016, 114, 67-79.	3.8	24
95	Using passive acoustic monitoring to document the distribution of beaked whale species in the western North Atlantic Ocean. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 2098-2109.	0.7	24
96	DetEdit: A graphical user interface for annotating and editing events detected in long-term acoustic monitoring data. <i>PLoS Computational Biology</i> , 2020, 16, e1007598.	1.5	24
97	Gulf of Mexico low-frequency ocean soundscape impacted by airguns. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 176-183.	0.5	23
98	Postrifting seismicity and a model for the 1993 diking event on the Coaxial segment, Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , 1998, 103, 9867-9877.	3.3	22
99	New Approaches to Ceramic Use and Discard: Cooking Pottery from the Peruvian Andes in Ethnoarchaeological Perspective. <i>Latin American Antiquity</i> , 1999, 10, 25-46.	0.3	22
100	Description and clustering of echolocation signals of Commerson's dolphins ( <i>Cephalorhynchus tjerkii</i> ). <i>Journal of the Acoustical Society of America</i> , 2016, 140, 2046-2053.	0.5	21
101	Delphinid echolocation click detection probability on near-seafloor sensors. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 1918-1930.	0.5	21
102	An empirical model for wind-generated ocean noise. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 4516-4533.	0.5	21
103	Baird's beaked whale echolocation signals. <i>Journal of the Acoustical Society of America</i> , 2013, 133, 4321-4331.	0.5	20
104	Underwater noise mitigation in the Santa Barbara Channel through incentive-based vessel speed reduction. <i>Scientific Reports</i> , 2021, 11, 18391.	1.6	20
105	Deep-Water Sea-Floor Array Observations of Seismo-Acoustic Noise in the Eastern Pacific and Comparisons with Wind and Swell. <i>Journal of the Acoustical Society of America</i> , 1993, 94, 165-174.		18
106	Delphinid behavioral responses to incidental mid-frequency active sonar. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 2003-2014.	0.5	17
107	Aleutian Islands beaked whale echolocation signals. <i>Marine Mammal Science</i> , 2013, 29, 221-227.	0.9	16
108	Ocean ambient sound south of Bermuda and Panama Canal traffic. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 2417-2423.	0.5	16

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109	Underwater radiated noise levels of a research icebreaker in the central Arctic Ocean. <i>Journal of the Acoustical Society of America</i> , 2013, 133, 1971-1980.	0.5	15
110	Gravity modeling of a volcanically active site on the East Pacific Rise axis. <i>Tectonophysics</i> , 1996, 254, 57-68.	0.9	14
111	Communication sounds of Commerson's dolphins ( <i>Cephalorhynchus commersonii</i> ) and contextual use of vocalizations. <i>Marine Mammal Science</i> , 2016, 32, 1219-1233.	0.9	14
112	Seismic airgun sound propagation in Arctic Ocean waveguides. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 141, 24-32.	0.6	13
113	Impacts of the Deepwater Horizon Oil Spill on Marine Mammals and Sea Turtles. , 2020, , 431-462.		13
114	Cetacean distribution models based on visual and passive acoustic data. <i>Scientific Reports</i> , 2021, 11, 8240.	1.6	13
115	Pathways Revisited: A Quantitative Model of Discard. <i>American Antiquity</i> , 1978, 43, 274-279.	0.6	12
116	Thermoacoustic generation in anisotropic media. <i>Journal of the Acoustical Society of America</i> , 1986, 79, 1457-1460.	0.5	12
117	Seafloor gravity evidence for hydrothermal alteration of the sediments in Middle Valley, Juan de Fuca Ridge. <i>Marine Geology</i> , 1998, 150, 99-111.	0.9	12
118	The density structure associated with oceanic crustal rifting at the Hess Deep: a seafloor and sea-surface gravity study. <i>Earth and Planetary Science Letters</i> , 1999, 171, 21-34.	1.8	11
119	North Pacific right whales ( <i>Eubalaena japonica</i> ) recorded in the northeastern Pacific Ocean in 2013. <i>Marine Mammal Science</i> , 2015, 31, 800-807.	0.9	11
120	Cetacean occurrence in the Gulf of Alaska from long-term passive acoustic monitoring. <i>Marine Biology</i> , 2021, 168, 1.	0.7	11
121	Employing geodesy to study temporal variability at a mid-ocean ridge. <i>Eos</i> , 1995, 76, 451-451.	0.1	10
122	Seasonal distribution and abundance of cetaceans off Southern California estimated from CalCOFI cruise data from 2004 to 2008. <i>Fishery Bulletin</i> , 2014, 112, 198-220.	0.1	10
123	Heard but not seen: Occurrence of <i>Kogia</i> spp. along the western North Atlantic shelf break. <i>Marine Mammal Science</i> , 2018, 34, 1141-1153.	0.9	10
124	Using context to train time-domain echolocation click detectors. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 3301-3310.	0.5	10
125	Microearthquakes at intermediate spreading-rate ridges: The Cleft segment megaplume site on the Juan de Fuca Ridge. <i>Bulletin of the Seismological Society of America</i> , 1997, 87, 684-691.	1.1	10
126	Aftershock locations and rupture characteristics of the 1995 Mariana Deep Earthquake. <i>Geophysical Research Letters</i> , 2001, 28, 4311-4314.	1.5	9



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127	Fin whale 40â€Hz calling behavior studied with an acoustic tracking array. Marine Mammal Science, 2020, 36, 964-971.	0.9	9
128	The Newtonian gravitational constant on the feasibility of an oceanic measurement. Eos, 1988, 69, 769.	0.1	8
129	Effects of fluctuations in sea-surface temperature on the occurrence of small cetaceans off Southern California. Fishery Bulletin, 2014, 112, 159-177.	0.1	8
130	Seasonal acoustic behavior of blue whales ( <i>Balaenoptera musculus</i> ) in the Gulf of California, Mexico. Marine Mammal Science, 2017, 33, 206-218.	0.9	8
131	Migrating eastern North Pacific gray whale call and blow rates estimated from acoustic recordings, infrared camera video, and visual sightings. Scientific Reports, 2019, 9, 12617.	1.6	8
132	Performance metrics for marine mammal signal detection and classification. Journal of the Acoustical Society of America, 2022, 151, 414-427.	0.5	8
133	Identification of western North Atlantic odontocete echolocation click types using machine learning and spatiotemporal correlates. PLoS ONE, 2022, 17, e0264988.	1.1	8
134	Discriminating and classifying odontocete echolocation clicks in the Hawaiian Islands using machine learning methods. PLoS ONE, 2022, 17, e0266424.	1.1	8
135	Frequency based Algorithm for Robust Contour Extraction of Blue Whale B and D calls. , 2008, , .		7
136	Antarctic beaked whale echolocation signals near South Scotia Ridge. Marine Mammal Science, 2015, 31, 1265-1274.	0.9	7
137	Rapid seismic reflection imaging at the Clovis period Gault site in central Texas. Archaeological Prospection, 2007, 14, 245-260.	1.1	6
138	Seismic imaging of the water-column deep layer associated with the Deepwater Horizon oil spill. Geophysics, 2012, 77, EN11-EN16.	1.4	6
139	Slice89: A Single Slice Tomography Experiment. , 1991, , 81-86.		6
140	Monitoring the acoustic ecology of the shelf break of Georges Bank, Northwestern Atlantic Ocean: New approaches to visualizing complex acoustic data. Marine Policy, 2021, 130, 104570.	1.5	5
141	Changes in sea ice and range expansion of sperm whales in the eclipse sound region of Baffin Bay, Canada. Global Change Biology, 2022, 28, 3860-3870.	4.2	5
142	Echolocation repetition rate as a proxy to monitor population structure and dynamics of sperm whales. Remote Sensing in Ecology and Conservation, 2022, 8, 827-840.	2.2	5
143	Geothermal state and fluid flow within ODP Hole 843B: results from wireline logging. Earth and Planetary Science Letters, 2002, 195, 239-248.	1.8	4
144	Blue whale B and D call classification using a frequency domain based robust contour extractor. , 2009, , .		4

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145	Update on frequency decline of Northeast Pacific blue whale ( <i>Balaenoptera musculus</i> ) calls. <i>PLoS ONE</i> , 2022, 17, e0266469.	1.1	4
146	SOUND PATHWAYS REVEALED: SIMULATED SOUND TRANSMISSION AND RECEPTION IN CUVIER'S BEAKED WHALE <i>ZIPHIUS CAVIROSTRIS</i> USING THE VIBRO-ACOUSTIC TOOLKIT. <i>Bioacoustics</i> , 2008, 17, 68-70.	0.7	3
147	Cetacean occurrence offshore of Washington from long-term passive acoustic monitoring. <i>Marine Biology</i> , 2021, 168, 1.	0.7	3
148	Acoustic localization, validation, and characterization of Rice's whale calls. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 4264-4278.	0.5	3
149	Seal bomb explosion sound source characterization. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 1821-1829.	0.5	2
150	A Robust Model-Based Algorithm for Localizing Marine Mammal Transients. , 2002, , 523-530.		2
151	Acoustic pathways revealed: simulated sound transmission and reception in Cuvier's beaked whale ( <i>Ziphius cavirostris</i> ) using finite element modelling. <i>FASEB Journal</i> , 2008, 22, 583.3.	0.2	2
152	Beluga ( <i>Delphinapterus leucas</i> ) and narwhal ( <i>Monodon monoceros</i> ) echolocation click detection and differentiation from long-term Arctic acoustic recordings. <i>Polar Biology</i> , 2022, 45, 449-463.	0.5	2
153	The influence of sea ice on the detection of bowhead whale calls. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
154	Precision acoustic geodetic measurement of seafloor motion over 10 km. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 2669-2669.	0.5	1
155	The resonant acoustic signatures of lithic debitage. <i>Journal of Archaeological Science: Reports</i> , 2022, 41, 103266.	0.2	1
156	Modeling and monitoring submerged prehistoric sites during offshore sand dredging and implications for the study of Early Holocene Coastal Occupation of Southern California. <i>Geoarchaeology - an International Journal</i> , 2022, 37, 768-782.	0.7	1
157	The paleomagnetism of eastern Nazca plate seamounts. <i>Tectonophysics</i> , 1989, 170, 279-287.	0.9	0
158	Marine mammals and anthropogenic sound. , 2012, , .		0
159	Bryde's whale behavioral metrics in the Southern California Bight from acoustic array tracking. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	0
160	Absorption of sound in seawater and ocean ambient noise, the scientific passions of Fred Fisher. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 3299-3299.	0.5	0
161	Seafloor Geodesy Applied to the Study of Oceanic Spreading Centers. <i>International Association of Geodesy Symposia</i> , 1997, , 9-9.	0.2	0
162	Earthquake studies using under-ice hydrophone data (â€ˆSpinnakerâ€™). <i>Journal of the Acoustical Society of America</i> , 1997, 102, 3070-3070.	0.5	0