

John A Hildebrand

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

5,884
citations

45
h-index

71
g-index

244
ext. papers

6,757
ext. citations

3.6
avg, IF

5.62
L-index

#	Paper	IF	Citations
153	Performance metrics for marine mammal signal detection and classification.. <i>Journal of the Acoustical Society of America</i> , 2022 , 151, 414	2.2	1
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	2	0
151	The resonant acoustic signatures of lithic debitage. <i>Journal of Archaeological Science: Reports</i> , 2022 , 41, 103266	0.7	0
150	Identification of western North Atlantic odontocete echolocation click types using machine learning and spatiotemporal correlates.. <i>PLoS ONE</i> , 2022 , 17, e0264988	3.7	1
149	Update on frequency decline of Northeast Pacific blue whale (<i>Balaenoptera musculus</i>) calls.. <i>PLoS ONE</i> , 2022 , 17, e0266469	3.7	0
148	Discriminating and classifying odontocete echolocation clicks in the Hawaiian Islands using machine learning methods.. <i>PLoS ONE</i> , 2022 , 17, e0266424	3.7	1
147	Cetacean occurrence in the Gulf of Alaska from long-term passive acoustic monitoring. <i>Marine Biology</i> , 2021 , 168, 1	2.5	4
146	Cetacean distribution models based on visual and passive acoustic data. <i>Scientific Reports</i> , 2021 , 11, 82409	4.9	2
145	Using context to train time-domain echolocation click detectors. <i>Journal of the Acoustical Society of America</i> , 2021 , 149, 3301	2.2	7
144	An empirical model for wind-generated ocean noise. <i>Journal of the Acoustical Society of America</i> , 2021 , 149, 4516	2.2	4
143	Cetacean occurrence offshore of Washington from long-term passive acoustic monitoring. <i>Marine Biology</i> , 2021 , 168, 1	2.5	0
142	Monitoring the acoustic ecology of the shelf break of Georges Bank, Northwestern Atlantic Ocean: New approaches to visualizing complex acoustic data. <i>Marine Policy</i> , 2021 , 130, 104570	3.5	2
141	Underwater noise mitigation in the Santa Barbara Channel through incentive-based vessel speed reduction. <i>Scientific Reports</i> , 2021 , 11, 18391	4.9	1
140	Seal bomb explosion sound source characterization. <i>Journal of the Acoustical Society of America</i> , 2021 , 150, 1821	2.2	0
139	Fin whale 40-Hz calling behavior studied with an acoustic tracking array. <i>Marine Mammal Science</i> , 2020 , 36, 964-971	1.9	5
138	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	5	10
137	Timing is everything: Drivers of interannual variability in blue whale migration. <i>Scientific Reports</i> , 2020 , 10, 7710	4.9	22

136	Impacts of the Deepwater Horizon Oil Spill on Marine Mammals and Sea Turtles 2020 , 431-462		7
135	Migrating eastern North Pacific gray whale call and blow rates estimated from acoustic recordings, infrared camera video, and visual sightings. <i>Scientific Reports</i> , 2019 , 9, 12617	4.9	6
134	Assessing Seasonality and Density From Passive Acoustic Monitoring of Signals Presumed to be From Pygmy and Dwarf Sperm Whales in the Gulf of Mexico. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	22
133	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	1.9	7
132	Seismic airgun sound propagation in Arctic Ocean waveguides. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018 , 141, 24-32	2.5	6
131	Seasonal acoustic behavior of blue whales (<i>Balaenoptera musculus</i>) in the Gulf of California, Mexico. <i>Marine Mammal Science</i> , 2017 , 33, 206-218	1.9	6
130	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	2.4	14
129	Deep-water measurements of container ship radiated noise signatures and directionality. <i>Journal of the Acoustical Society of America</i> , 2017 , 142, 1563	2.2	31
128	Migratory behavior of eastern North Pacific gray whales tracked using a hydrophone array. <i>PLoS ONE</i> , 2017 , 12, e0185585	3.7	18
127	Habitat-Based Density Models for Three Cetacean Species off Southern California Illustrate Pronounced Seasonal Differences. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	11
126	Automated classification of dolphin echolocation click types from the Gulf of Mexico. <i>PLoS Computational Biology</i> , 2017 , 13, e1005823	5	35
125	Ocean ambient sound south of Bermuda and Panama Canal traffic. <i>Journal of the Acoustical Society of America</i> , 2016 , 139, 2417	2.2	12
124	Management of acoustic metadata for bioacoustics. <i>Ecological Informatics</i> , 2016 , 31, 122-136	4.2	18
123	Communication sounds of Commerson's dolphins (<i>Cephalorhynchus commersonii</i>) and contextual use of vocalizations. <i>Marine Mammal Science</i> , 2016 , 32, 1219-1233	1.9	11
122	Gulf of Mexico low-frequency ocean soundscape impacted by airguns. <i>Journal of the Acoustical Society of America</i> , 2016 , 140, 176	2.2	13
121	Delphinid echolocation click detection probability on near-seafloor sensors. <i>Journal of the Acoustical Society of America</i> , 2016 , 140, 1918	2.2	17
120	Bioinspired intrinsic control of freeze cast composites: Harnessing hydrophobic hydration and clathrate hydrates. <i>Acta Materialia</i> , 2016 , 114, 67-79	8.4	21
119	Long-Term Monitoring of Cetaceans Using Autonomous Acoustic Recording Packages. <i>Modern Acoustics and Signal Processing</i> , 2016 , 35-59	0.6	1

118	Long-term acoustic monitoring at North Sea well site 22/4b. <i>Marine and Petroleum Geology</i> , 2015 , 68, 776-788	4.7	24
117	Antarctic beaked whale echolocation signals near South Scotia Ridge. <i>Marine Mammal Science</i> , 2015 , 31, 1265-1274	1.9	6
116	Acoustic behavior of melon-headed whales varies on a diel cycle. <i>Behavioral Ecology and Sociobiology</i> , 2015 , 69, 1553-1563	2.5	21
115	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	1.9	9
114	Three-dimensional tracking of Cuvier's beaked whales echolocation sounds using nested hydrophone arrays. <i>Journal of the Acoustical Society of America</i> , 2015 , 138, 2483-94	2.2	25
113	Description and clustering of echolocation signals of Commerson's dolphins (<i>Cephalorhynchus commersonii</i>) in Bahía San Julián, Argentina. <i>Journal of the Acoustical Society of America</i> , 2015 , 138, 2046-53 ²	2.2	13
112	Passive acoustic monitoring of beaked whale densities in the Gulf of Mexico. <i>Scientific Reports</i> , 2015 , 5, 16343	4.9	48
111	Inter-annual and seasonal trends in cetacean distribution, density and abundance off southern California. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015 , 112, 143-157	2.3	28
110	Synchronous seasonal change in fin whale song in the North Pacific. <i>PLoS ONE</i> , 2014 , 9, e115678	3.7	41
109	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	1.4	6
108	Effects of fluctuations in sea-surface temperature on the occurrence of small cetaceans off Southern California. <i>Fishery Bulletin</i> , 2014 , 112, 159-177	1.4	7
107	Delphinid behavioral responses to incidental mid-frequency active sonar. <i>Journal of the Acoustical Society of America</i> , 2014 , 136, 2003-14	2.2	11
106	Bryde's whale calls recorded in the Gulf of Mexico. <i>Marine Mammal Science</i> , 2014 , 30, 399-409	1.9	16
105	Spatio-temporal patterns of beaked whale echolocation signals in the North Pacific. <i>PLoS ONE</i> , 2014 , 9, e86072	3.7	45
104	Ringed, Bearded, and Ribbon Seal Vocalizations North of Barrow, Alaska: Seasonal Presence and Relationship with Sea Ice. <i>Arctic</i> , 2014 , 67, 203	2.1	28
103	Offshore killer whale tracking using multiple hydrophone arrays. <i>Journal of the Acoustical Society of America</i> , 2013 , 134, 3513-21	2.2	21
102	Temporal separation of two fin whale call types across the eastern North Pacific. <i>Marine Biology</i> , 2013 , 160, 47-57	2.5	58
101	Aleutian Islands beaked whale echolocation signals. <i>Marine Mammal Science</i> , 2013 , 29, 221-227	1.9	13

100	Underwater radiated noise levels of a research icebreaker in the central Arctic Ocean. <i>Journal of the Acoustical Society of America</i> , 2013 , 133, 1971-80	2.2	9
99	Tracking dolphin whistles using an autonomous acoustic recorder array. <i>Journal of the Acoustical Society of America</i> , 2013 , 133, 3813-8	2.2	26
98	Species-specific beaked whale echolocation signals. <i>Journal of the Acoustical Society of America</i> , 2013 , 134, 2293-301	2.2	82
97	Baird's beaked whale echolocation signals. <i>Journal of the Acoustical Society of America</i> , 2013 , 133, 4321-31	2.2	16
96	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, EL400-6	2.2	19
95	Site specific probability of passive acoustic detection of humpback whale calls from single fixed hydrophones. <i>Journal of the Acoustical Society of America</i> , 2013 , 134, 2556-70	2.2	36
94	Relationship between container ship underwater noise levels and ship design, operational and oceanographic conditions. <i>Scientific Reports</i> , 2013 , 3,	4.9	70
93	Bryde's whale seasonal range expansion and increasing presence in the Southern California Bight from 2000 to 2010. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012 , 65, 125-132	2.5	27
92	Blue whales respond to anthropogenic noise. <i>PLoS ONE</i> , 2012 , 7, e32681	3.7	65
91	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, EL295-301	2.2	24
90	Beaked whale and dolphin tracking using a multichannel autonomous acoustic recorder. <i>Journal of the Acoustical Society of America</i> , 2012 , 131, 156-63	2.2	35
89	A generalized power-law detection algorithm for humpback whale vocalizations. <i>Journal of the Acoustical Society of America</i> , 2012 , 131, 2682-99	2.2	34
88	Underwater ambient noise on the Chukchi Sea continental slope from 2006-2009. <i>Journal of the Acoustical Society of America</i> , 2012 , 131, 104-103	2.2	61
87	Underwater radiated noise from modern commercial ships. <i>Journal of the Acoustical Society of America</i> , 2012 , 131, 92-103	2.2	222
86	Seismic imaging of the water-column deep layer associated with the Deepwater Horizon oil spill. <i>Geophysics</i> , 2012 , 77, EN11-EN16	3.1	6
85	Classification of behavior using vocalizations of Pacific white-sided dolphins (<i>Lagenorhynchus obliquidens</i>). <i>Journal of the Acoustical Society of America</i> , 2011 , 130, 557-67	2.2	30
84	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	2.3	22
83	Classification of echolocation clicks from odontocetes in the Southern California Bight. <i>Journal of the Acoustical Society of America</i> , 2011 , 129, 467-75	2.2	70

82	North Pacific right whale up-call source levels and propagation distance on the southeastern Bering Sea shelf. <i>Journal of the Acoustical Society of America</i> , 2011 , 129, 4047-54	2.2	27
81	Echolocation signals of a beaked whale at Palmyra Atoll. <i>Journal of the Acoustical Society of America</i> , 2010 , 127, 3790-9	2.2	32
80	Discriminating features of echolocation clicks of melon-headed whales (<i>Peponocephala electra</i>), bottlenose dolphins (<i>Tursiops truncatus</i>), and Gray's spinner dolphins (<i>Stenella longirostris longirostris</i>). <i>Journal of the Acoustical Society of America</i> , 2010 , 128, 2212-24	2.2	38
79	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, 124-32	2.2	52
78	An acoustic survey of beaked whales at Cross Seamount near Hawaii. <i>Journal of the Acoustical Society of America</i> , 2009 , 125, 624-7	2.2	23
77	Blue and fin whale acoustic presence around Antarctica during 2003 and 2004. <i>Marine Mammal Science</i> , 2009 , 25, 125-136	1.9	93
76	Blue whale B and D call classification using a frequency domain based robust contour extractor 2009 ,		1
75	Glider-Based Passive Acoustic Monitoring Techniques in the Southern California Region 2009 ,		4
74	SOUND PATHWAYS REVEALED: SIMULATED SOUND TRANSMISSION AND RECEPTION IN CUVIER'S BEAKED WHALE ZIPHIUS CAVIROSTRIS USING THE VIBRO-ACOUSTIC TOOLKIT. <i>Bioacoustics</i> , 2008 , 17, 68-70	1.6	
73	Vertical deformation measurements on the submerged south flank of Kilauea volcano, Hawaii reveal seafloor motion associated with volcanic collapse. <i>Journal of Geophysical Research</i> , 2008 , 113,		24
72	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. <i>Marine Mammal Science</i> , 2008 , 24, 795	1.9	37
71	Acoustic pathways revealed: simulated sound transmission and reception in Cuvier's beaked whale (<i>Ziphius cavirostris</i>). <i>Bioinspiration and Biomimetics</i> , 2008 , 3, 016001	2.6	82
70	A 50 year 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, 1985-92	2.2	79
69	Frequency based Algorithm for Robust Contour Extraction of Blue Whale B and D calls 2008 ,		5
68	Classification of Risso's and Pacific white-sided dolphins using spectral properties of echolocation clicks. <i>Journal of the Acoustical Society of America</i> , 2008 , 124, 609-24	2.2	120
67	Anatomic geometry of sound transmission and reception in Cuvier's beaked whale (<i>Ziphius cavirostris</i>). <i>Anatomical Record</i> , 2008 , 291, 353-78	2.1	88
66	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	0.9	
65	Blue and fin whale call source levels and propagation range in the Southern Ocean. <i>Journal of the Acoustical Society of America</i> , 2007 , 122, 1208-15	2.2	160

64	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, 1737-48	2.2	64
63	Evaluation of postmortem changes in tissue structure in the bottlenose dolphin (<i>Tursiops truncatus</i>). <i>Anatomical Record</i> , 2007 , 290, 1023-32	2.1	20
62	Rapid seismic reflection imaging at the Clovis period Gault site in central Texas. <i>Archaeological Prospection</i> , 2007 , 14, 245-260	1.8	6
61	BLUE WHALE VISUAL AND ACOUSTIC ENCOUNTER RATES IN THE SOUTHERN CALIFORNIA BIGHT. <i>Marine Mammal Science</i> , 2007 , 23, 574-597	1.9	25
60	Temporal separation of blue whale call types on a southern California feeding ground. <i>Animal Behaviour</i> , 2007 , 74, 881-894	2.8	88
59	High-frequency Acoustic Recording Package (HARP) for broad-band, long-term marine mammal monitoring 2007 ,		99
58	Listening for Large Whales in the Offshore Waters of Alaska. <i>BioScience</i> , 2006 , 56, 49	5.7	75
57	Increases in deep ocean ambient noise in the Northeast Pacific west of San Nicolas Island, California. <i>Journal of the Acoustical Society of America</i> , 2006 , 120, 711-8	2.2	295
56	Kinematics of foraging dives and lunge-feeding in fin whales. <i>Journal of Experimental Biology</i> , 2006 , 209, 1231-44	3	193
55	Cuvier's beaked whale (<i>Ziphius cavirostris</i>) head tissues: physical properties and CT imaging. <i>Journal of Experimental Biology</i> , 2005 , 208, 2319-32	3	45
54	Sei whale sounds recorded in the Antarctic. <i>Journal of the Acoustical Society of America</i> , 2005 , 118, 3941-5.2		23
53	Centimeter-Level Positioning of Seafloor Acoustic Transponders from a Deeply-Towed Interrogator. <i>Marine Geodesy</i> , 2005 , 28, 39-70	1.2	16
52	Blue Whale (<i>Balaenoptera musculus</i>) Diel Call Patterns Offshore of Southern California. <i>Aquatic Mammals</i> , 2005 , 31, 161-168	3.1	56
51	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,		24
50	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	2.3	57
49	Seasonality of blue and fin whale calls and the influence of sea ice in the Western Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004 , 51, 2327-2344	2.3	155
48	LOW FREQUENCY CALLS OF BRYDE'S WHALES. <i>Marine Mammal Science</i> , 2003 , 19, 407-419	1.9	35
47	Tonga Ridge and Lau Basin crustal structure from seismic refraction data. <i>Journal of Geophysical Research</i> , 2003 , 108,		79

46	Estimation and correction for the effect of sound velocity variation on GPS/Acoustic seafloor positioning: An experiment off Hawaii Island. <i>Earth, Planets and Space</i> , 2003 , 55, e17-e20	2.9	26
45	Geothermal state and fluid flow within ODP Hole 843B: results from wireline logging. <i>Earth and Planetary Science Letters</i> , 2002 , 195, 239-248	5.3	4
44	A Robust Model-Based Algorithm for Localizing Marine Mammal Transients 2002 , 523-530		0
43	A complex pattern of mantle flow in the Lau backarc. <i>Science</i> , 2001 , 292, 713-6	33.3	235
42	The acoustic calls of blue whales off California with gender data. <i>Journal of the Acoustical Society of America</i> , 2001 , 109, 1728-35	2.2	93
41	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		25
40	Aftershock locations and rupture characteristics of the 1995 Mariana Deep Earthquake. <i>Geophysical Research Letters</i> , 2001 , 28, 4311-4314	4.9	9
39	Geomagnetic intensity variations over the past 780 kyr obtained from near-seafloor magnetic anomalies. <i>Nature</i> , 2000 , 408, 827-32	50.4	83
38	Acoustic Models of Sound Production and Propagation. <i>Springer Handbook of Auditory Research</i> , 2000 , 409-469	1.2	47
37	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	0.5	19
36	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	5.3	10
35	Constraints on melt in the lower crust and Moho at the East Pacific Rise, 9°48'N, using seafloor compliance measurements. <i>Journal of Geophysical Research</i> , 1999 , 104, 2923-2939		94
34	No spreading across the Southern Juan de Fuca Ridge axial cleft during 1994-1996. <i>Geophysical Research Letters</i> , 1999 , 26, 2525-2528	4.9	33
33	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		60
32	Seismic and hydrothermal evidence for a cracking event on the East Pacific Rise crest at 9° 50' N. <i>Nature</i> , 1998 , 396, 159-161	50.4	112
31	Seafloor gravity evidence for hydrothermal alteration of the sediments in Middle Valley, Juan de Fuca Ridge. <i>Marine Geology</i> , 1998 , 150, 99-111	3.3	10
30	Precise GPS/Acoustic positioning of seafloor reference points for tectonic studies. <i>Physics of the Earth and Planetary Interiors</i> , 1998 , 108, 101-112	2.3	139
29	Estimating shear velocities in the oceanic crust from compliance measurements by two-dimensional finite difference modeling. <i>Journal of Geophysical Research</i> , 1998 , 103, 9895-9916		49

28	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		19
27	Modeling the Tonga slab: Can travel time data resolve a metastable olivine wedge?. <i>Journal of Geophysical Research</i> , 1998 , 103, 30079-30100		51
26	A towed marine gravity meter for near-bottom surveys. <i>Geophysics</i> , 1997 , 62, 1386-1393	3.1	14
25	Three-dimensional tomographic velocity structure of upper crust, Coaxial segment, Juan de Fuca Ridge: Implications for on-axis evolution and hydrothermal circulation. <i>Journal of Geophysical Research</i> , 1997 , 102, 17679-17695		45
24	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	2.3	9
23	Gravity modeling of a volcanically active site on the East Pacific Rise axis. <i>Tectonophysics</i> , 1996 , 254, 57-68		14
22	Hess Deep rift valley structure from seismic tomography. <i>Journal of Geophysical Research</i> , 1996 , 101, 22335-22353		21
21	Blue and fin whales observed on a seafloor array in the northeast pacific. <i>Journal of the Acoustical Society of America</i> , 1995 , 98, 712-21	2.2	147
20	Employing geodesy to study temporal variability at a mid-ocean ridge. <i>Eos</i> , 1995 , 76, 451-451	1.5	9
19	A comparison of measured and predicted broadband acoustic arrival patterns in travel time-depth coordinates at 1000-km range. <i>Journal of the Acoustical Society of America</i> , 1994 , 95, 3118-3128	2.2	47
18	An ocean bottom gravity study of the southern Juan de Fuca Ridge. <i>Journal of Geophysical Research</i> , 1994 , 99, 4875-4888		24
17	Jasper Seamount structure: Seafloor seismic refraction tomography. <i>Journal of Geophysical Research</i> , 1994 , 99, 6731		49
16	Seismic structure and anisotropy of the Juan de Fuca Ridge at 45°N. <i>Journal of Geophysical Research</i> , 1994 , 99, 4857-4873		50
15	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		17
14	Deep-Water Sea-Floor Array Observations of Seismo-Acoustic Noise in the Eastern Pacific and Comparisons with Wind and Swell 1993 , 165-174		14
13	Seafloor compliance observed by long-period pressure and displacement measurements. <i>Journal of Geophysical Research</i> , 1991 , 96, 16151		76
12	Submarine measurement of the Newtonian gravitational constant. <i>Physical Review Letters</i> , 1991 , 67, 3051-3054	7.4	32
11	Slice89: A Single Slice Tomography Experiment 1991 , 81-86		5

- 10 Acoustic navigation of a large-aperture array. *Journal of the Acoustical Society of America*, **1990**, 87, 154-167 24
- 9 The Two-Curvature Method for Reconstructing Ceramic Morphology. *American Antiquity*, **1990**, 55, 388-403 26
- 8 A seafloor and sea surface gravity survey of Axial Volcano. *Journal of Geophysical Research*, **1990**, 95, 12751 48
- 7 Test of Newton's inverse-square law in the Greenland ice cap. *Physical Review Letters*, **1989**, 62, 985-988 7.4 52
- 6 The paleomagnetism of eastern Nazca plate seamounts. *Tectonophysics*, **1989**, 170, 279-287 3.1
- 5 The Newtonian gravitational constant on the feasibility of an oceanic measurement. *Eos*, **1988**, 69, 769 1.5 7
- 4 The application of inverse theory to seamount magnetism. *Reviews of Geophysics*, **1987**, 25, 17 23.1 80
- 3 Paleomagnetism of Cretaceous Pacific Seamounts revisited. *Journal of Geophysical Research*, **1987**, 92, 12695 34
- 2 Thermoacoustic generation in anisotropic media. *Journal of the Acoustical Society of America*, **1986**, 79, 1457-1460 2.2 11
- 1 Pathways Revisited: A Quantitative Model of Discard. *American Antiquity*, **1978**, 43, 274-279 0.9 12