

# Peter Gerstoft

## List of Publications by Year in descending order

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288  
papers

10,569  
citations

30047

54  
h-index

42364

92  
g-index

301  
all docs

301  
docs citations

301  
times ranked

4242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Audio Scene Monitoring Using Redundant Ad Hoc Microphone Array Networks. IEEE Internet of Things Journal, 2022, 9, 4259-4268.	5.5	5
2	Tracking and Inversion Using Midfrequency Signals in the Seabed Characterization Experiment. IEEE Journal of Oceanic Engineering, 2022, 47, 657-669.	2.1	0
3	High-Resolution Imaging of Complex Shallow Fault Zones Along the July 2019 Ridgecrest Ruptures. Geophysical Research Letters, 2022, 49, .	1.5	5
4	Learning-Aided Initialization for Variational Bayesian DOA Estimation. , 2022, , .		1
5	Data-Driven Spatially Dependent PDE Identification. , 2022, , .		1
6	Memory in Echo State Networks and the Controllability Matrix Rank. , 2022, , .		3
7	Gridless DOA Estimation Under the Multi-Frequency Model. , 2022, , .		3
8	DOA M-Estimation Using Sparse Bayesian Learning. , 2022, , .		4
9	Semi-Supervised Source Localization With Residual Physical Learning. , 2022, , .		0
10	Gridless sparse covariance-based beamforming via alternating projections including co-prime arrays. Journal of the Acoustical Society of America, 2022, 151, 3828-3837.	0.5	9
11	Reducing echo state network size with controllability matrices. Chaos, 2022, 32, .	1.0	5
12	Sound source localization using multiple <i>ad hoc</i> distributed microphone arrays. JASA Express Letters, 2022, 2, .	0.5	6
13	Teleseismic earthquake wavefields observed on the Ross Ice Shelf. Journal of Glaciology, 2021, 67, 58-74.	1.1	4
14	Semi-Supervised Source Localization in Reverberant Environments With Deep Generative Modeling. IEEE Access, 2021, 9, 84956-84970.	2.6	22
15	Sparse planar arrays for azimuth and elevation using experimental data. Journal of the Acoustical Society of America, 2021, 149, 167-178.	0.5	9
16	Phase Coherent EM Array Measurements in a Refractive Environment. IEEE Transactions on Antennas and Propagation, 2021, 69, 6783-6796.	3.1	4
17	Gridless DOA Estimation and Root-MUSIC for Non-Uniform Linear Arrays. IEEE Transactions on Signal Processing, 2021, 69, 2144-2157.	3.2	65
18	Automated two-dimensional localization of underwater acoustic transient impulses using vector sensor image processing (vector sensor localization). Journal of the Acoustical Society of America, 2021, 149, 770-787.	0.5	11

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19	DOA Estimation in Heteroscedastic Noise with sparse Bayesian Learning. Applied Computational Electromagnetics Society Journal, 2021, 35, 1439-1440.	0.4	0
20	Gaussian processes for sound field reconstruction. Journal of the Acoustical Society of America, 2021, 149, 1107-1119.	0.5	35
21	Deep transfer learning for underwater direction of arrival using one vector sensor. Journal of the Acoustical Society of America, 2021, 149, 1699-1711.	0.5	37
22	Sequential sparse Bayesian learning for time-varying direction of arrival. Journal of the Acoustical Society of America, 2021, 149, 2089-2099.	0.5	23
23	Swell-Triggered Seismicity at the Near-Front Damage Zone of the Ross Ice Shelf. Seismological Research Letters, 2021, 92, 2768-2792.	0.8	14
24	Deep embedded clustering of coral reef bioacoustics. Journal of the Acoustical Society of America, 2021, 149, 2587-2601.	0.5	18
25	Matched field source localization with Gaussian processes. JASA Express Letters, 2021, 1, .	0.5	24
26	SSLIDE: Sound Source Localization for Indoors Based on Deep Learning. , 2021, , .		10
27	Alternating Projections Gridless Covariance-Based Estimation For DOA. , 2021, , .		3
28	Leaky Integrator Dynamical Systems and Reachable Sets. , 2021, , .		1
29	Mode separation with one hydrophone in shallow water: A sparse Bayesian learning approach based on phase speed. Journal of the Acoustical Society of America, 2021, 149, 4366-4376.	0.5	7
30	Reinforcement learning applied to metamaterial design. Journal of the Acoustical Society of America, 2021, 150, 321-338.	0.5	27
31	Unsupervised Deep Clustering of Seismic Data: Monitoring the Ross Ice Shelf, Antarctica. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021716.	1.4	19
32	Head-wave correlations in layered seabed: Theory and modeling. JASA Express Letters, 2021, 1, .	0.5	2
33	Deep Clustering to Identify Sources of Urban Seismic Noise in Long Beach, California. Seismological Research Letters, 2021, 92, 1011-1022.	0.8	17
34	Automated partial differential equation identification. Journal of the Acoustical Society of America, 2021, 150, 2364-2374.	0.5	3
35	Underwater acoustic target recognition using attention-based deep neural network. JASA Express Letters, 2021, 1, .	0.5	13
36	Introduction to the special issue on machine learning in acoustics. Journal of the Acoustical Society of America, 2021, 150, 3204-3210.	0.5	16

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37	Sound source localization based on multi-task learning and image translation network. Journal of the Acoustical Society of America, 2021, 150, 3374-3386.	0.5	2
38	Conditional Wasserstein generative adversarial networks applied to acoustic metamaterial design. Journal of the Acoustical Society of America, 2021, 150, 4362-4374.	0.5	14
39	Multipath Broadband Localization, Bathymetry, and Sediment Inversion. IEEE Journal of Oceanic Engineering, 2020, 45, 92-102.	2.1	18
40	Robust estimation of DOA from array data at low SNR. Signal Processing, 2020, 166, 107262.	2.1	15
41	DOA Estimation in Heteroscedastic Noise with sparse Bayesian Learning. , 2020, , .		0
42	Matched-field geoacoustic inversion based on radial basis function neural network. Journal of the Acoustical Society of America, 2020, 148, 3279-3290.	0.5	24
43	Semi-Supervised Source Localization with Deep Generative Modeling. , 2020, , .		16
44	Compressive 2-d Off-grid DOA Estimation for Propeller Cavitation Localization. , 2020, , .		0
45	Source depth estimation using spectral transformations and convolutional neural network in a deep-sea environment. Journal of the Acoustical Society of America, 2020, 148, 3633-3644.	0.5	22
46	Block sparse Bayesian learning for broadband mode extraction in shallow water from a vertical array. Journal of the Acoustical Society of America, 2020, 147, 3729-3739.	0.5	30
47	Three-dimensional source localization using sparse Bayesian learning on a spherical microphone array. Journal of the Acoustical Society of America, 2020, 147, 3895-3904.	0.5	39
48	Parametric Bootstrapping of Array Data with A Generative Adversarial Network. , 2020, , .		1
49	Joint towed array shape and direction of arrivals estimation using sparse Bayesian learning during maneuvering. Journal of the Acoustical Society of America, 2020, 147, 1738-1751.	0.5	23
50	Inversion of head waves in ocean acoustic ambient noise. Journal of the Acoustical Society of America, 2020, 147, 1752-1761.	0.5	7
51	A feedforward neural network for direction-of-arrival estimation. Journal of the Acoustical Society of America, 2020, 147, 2035-2048.	0.5	90
52	Block-sparse two-dimensional off-grid beamforming with arbitrary planar array geometry. Journal of the Acoustical Society of America, 2020, 147, 2184-2191.	0.5	22
53	Virtual head waves in ocean ambient noise: Theory and modeling. Journal of the Acoustical Society of America, 2020, 148, 3836-3848.	0.5	2
54	Variational Bayesian Estimation of Time-Varying DOAs. , 2020, , .		5

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55	Over The Air Performance of Deep Learning for Modulation Classification across Channel Conditions. , 2020, , .		4
56	Sparse Approximation of an Outdoor-to-Indoor Massive MIMO Channel Measurement. , 2020, , .		0
57	Sequential Sparse Bayesian Learning For Doa. , 2020, , .		1
58	Deep-learning source localization using multi-frequency magnitude-only data. Journal of the Acoustical Society of America, 2019, 146, 211-222.	0.5	92
59	Ross Ice Shelf Icequakes Associated With Ocean Gravity Wave Activity. Geophysical Research Letters, 2019, 46, 8893-8902.	1.5	25
60	2D Beamforming on Sparse Arrays with Sparse Bayesian Learning. , 2019, , .		7
61	High-resolution seismic tomography of Long Beach, CA using machine learning. Scientific Reports, 2019, 9, 14987.	1.6	27
62	Towed array beamforming using sparse Bayesian learning during maneuvering. , 2019, , .		3
63	Seasonal and spatial variations in the ocean-coupled ambient wavefield of the Ross Ice Shelf. Journal of Glaciology, 2019, 65, 912-925.	1.1	12
64	Deep transfer learning for source ranging: Deep-sea experiment results. Journal of the Acoustical Society of America, 2019, 146, EL317-EL322.	0.5	46
65	Sound source ranging using a feed-forward neural network trained with fitting-based early stopping. Journal of the Acoustical Society of America, 2019, 146, EL258-EL264.	0.5	39
66	Tidal and Thermal Stresses Drive Seismicity Along a Major Ross Ice Shelf Rift. Geophysical Research Letters, 2019, 46, 6644-6652.	1.5	29
67	Gridless DOA Estimation via. Alternating Projections. , 2019, , .		10
68	Machine Learning in Seismology: Turning Data into Insights. Seismological Research Letters, 2019, 90, 3-14.	0.8	302
69	DOA Estimation in heteroscedastic noise. Signal Processing, 2019, 161, 63-73.	2.1	27
70	Grid-free compressive mode extraction. Journal of the Acoustical Society of America, 2019, 145, 1427-1442.	0.5	20
71	Robust Ocean Acoustic Localization With Sparse Bayesian Learning. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 49-60.	7.3	61
72	Grid-less variational Bayesian line spectral estimation with multiple measurement vectors. Signal Processing, 2019, 161, 155-164.	2.1	25

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73	Sparse Bayesian learning with multiple dictionaries. <i>Signal Processing</i> , 2019, 159, 159-170.	2.1	48
74	Heterogeneous upper mantle structure beneath the Ross Sea Embayment and Marie Byrd Land, West Antarctica, revealed by P-wave tomography. <i>Earth and Planetary Science Letters</i> , 2019, 513, 40-50.	1.8	23
75	Global Robustness Characterization of DOA Estimators by Breakdown Detection. , 2019, , .		2
76	Wave Equation Extraction from A Video Using Sparse Modeling. , 2019, , .		2
77	Machine learning in acoustics: Theory and applications. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 3590-3628.	0.5	306
78	A Deep Network for Single-Snapshot Direction of Arrival Estimation. , 2019, , .		4
79	Maximum-likelihood DOA estimation at low SNR in Laplace-like noise. , 2019, , .		1
80	Head waves in ocean acoustic ambient noise: Measurements and modeling. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 1182-1193.	0.5	8
81	Seasonality of P wave microseisms from NCF-based beamforming using ChinArray. <i>Geophysical Journal International</i> , 2018, 213, 1832-1848.	1.0	17
82	Array Shape Calibration Using Low Rank Projections. , 2018, , .		0
83	Interference of Teleseismic Body Waves in Noise Cross-Correlation Functions in Southwest China. <i>Seismological Research Letters</i> , 2018, 89, 1817-1825.	0.8	4
84	Sparse Bayesian learning for beamforming using sparse linear arrays. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 2719-2729.	0.5	52
85	Sparse Bayesian Learning for DOA Estimation Using Co-Prime and Nested Arrays. , 2018, , .		12
86	Ocean-excited plate waves in the Ross and Pine Island Glacier ice shelves. <i>Journal of Glaciology</i> , 2018, 64, 730-744.	1.1	15
87	Sparse Bayesian Learning for DOA Estimation of Correlated Sources. , 2018, , .		2
88	Adaptive Travel Time Tomography with Local Sparsity. , 2018, , .		0
89	Near-Surface Environmentally Forced Changes in the Ross Ice Shelf Observed With Ambient Seismic Noise. <i>Geophysical Research Letters</i> , 2018, 45, 11,187.	1.5	21
90	Doa Estimation in Heteroscedastic Noise with Sparse Bayesian Learning. , 2018, , .		0

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91	Sparse Bayesian Learning for Directions of Arrival on an FPGA. , 2018, , .		4
92	Introduction to compressive sensing in acoustics. Journal of the Acoustical Society of America, 2018, 143, 3731-3736.	0.5	72
93	The Crust and Upper Mantle Structure of Central and West Antarctica From Bayesian Inversion of Rayleigh Wave and Receiver Functions. Journal of Geophysical Research: Solid Earth, 2018, 123, 7824-7849.	1.4	78
94	Travel Time Tomography With Adaptive Dictionaries. IEEE Transactions on Computational Imaging, 2018, 4, 499-511.	2.6	36
95	Adaptive and compressive matched field processing. Journal of the Acoustical Society of America, 2017, 141, 92-103.	0.5	69
96	A sparse equivalent source method for near-field acoustic holography. Journal of the Acoustical Society of America, 2017, 141, 532-542.	0.5	96
97	Localizing scatterers from surf noise cross correlations. Journal of the Acoustical Society of America, 2017, 141, EL64-EL69.	0.5	9
98	Multiple-array passive acoustic source localization in shallow water. Journal of the Acoustical Society of America, 2017, 141, 1501-1513.	0.5	19
99	Tsunami and infragravity waves impacting <sc>A</sc>ntarctic ice shelves. Journal of Geophysical Research: Oceans, 2017, 122, 5786-5801.	1.0	35
100	Multi-frequency sparse Bayesian learning for robust matched field processing. Journal of the Acoustical Society of America, 2017, 141, 3411-3420.	0.5	91
101	Dictionary learning of sound speed profiles. Journal of the Acoustical Society of America, 2017, 141, 1749-1758.	0.5	37
102	Eastern Arctic ambient noise on a drifting vertical array. Journal of the Acoustical Society of America, 2017, 142, 1997-2006.	0.5	22
103	Source localization in an ocean waveguide using supervised machine learning. Journal of the Acoustical Society of America, 2017, 142, 1176-1188.	0.5	162
104	Regularization of geophysical inversion using dictionary learning. , 2017, , .		4
105	Sparse Bayesian learning with uncertain sensing matrix. , 2017, , .		4
106	Coherent Multipath Direction-of-Arrival Resolution Using Compressed Sensing. IEEE Journal of Oceanic Engineering, 2017, 42, 494-505.	2.1	42
107	“LASSO and its dual for sparse signal estimation from array data. Signal Processing, 2017, 130, 204-216.	2.1	18
108	Using graph clustering to locate sources within a dense sensor array. Signal Processing, 2017, 132, 110-120.	2.1	19

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109	Compressive MIMO Beamforming of Data Collected in a Refractive Environment. Radio Science, 2017, 52, 1458-1471.	0.8	4
110	Ship localization in Santa Barbara Channel using machine learning classifiers. Journal of the Acoustical Society of America, 2017, 142, EL455-EL460.	0.5	113
111	Graph clustering for localization within a sensor array. , 2017, , .		0
112	Sparse Bayesian learning with multiple dictionaries. , 2017, , .		8
113	Multipath signals in a refractive environment. , 2017, , .		0
114	Estimating refractivity from propagation loss in turbulent media. Radio Science, 2016, 51, 1876-1894.	0.8	31
115	Block-sparse beamforming for spatially extended sources in a Bayesian formulation. Journal of the Acoustical Society of America, 2016, 140, 1828-1838.	0.5	28
116	Compressive acoustic sound speed profile estimation. Journal of the Acoustical Society of America, 2016, 139, EL90-EL94.	0.5	25
117	Locating sources in a dense array through network-based clustering. , 2016, , .		2
118	Weather bomb-induced seismic signals. Science, 2016, 353, 869-870.	6.0	20
119	Multisnapshot Sparse Bayesian Learning for DOA. IEEE Signal Processing Letters, 2016, 23, 1469-1473.	2.1	179
120	Weiss-Weinstein bounds for various priors. , 2016, , .		1
121	Wideband Sparse Bayesian Learning for DOA estimation from multiple snapshots. , 2016, , .		5
122	Passive fathometer reflector identification with phase shift modeling. Journal of the Acoustical Society of America, 2016, 140, EL125-EL130.	0.5	1
123	Microseism source direction from noise cross-correlation. Geophysical Journal International, 2016, 205, 810-818.	1.0	8
124	Ice shelf structure derived from dispersion curve analysis of ambient seismic noise, Ross Ice Shelf, Antarctica. Geophysical Journal International, 2016, 205, 785-795.	1.0	40
125	Ross ice shelf vibrations. Geophysical Research Letters, 2015, 42, 7589-7597.	1.5	52
126	Multiple and single snapshot compressive beamforming. Journal of the Acoustical Society of America, 2015, 138, 2003-2014.	0.5	179



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127	Sparse DOA estimation with polynomial rooting. , 2015, , .		2
128	Multiple snapshot compressive beamforming. , 2015, , .		3
129	Density evolution of sparse source signals. , 2015, , .		7
130	Shearâ€Wave Velocity Structure of the Koynaâ€Warna Region in Western India Using Ambient Noise Correlation and Surfaceâ€Wave Dispersion. Bulletin of the Seismological Society of America, 2015, 105, 473-479.	1.1	5
131	Grid-free compressive beamforming. Journal of the Acoustical Society of America, 2015, 137, 1923-1935.	0.5	109
132	Change-point detection for recursive Bayesian geoacoustic inversions. Journal of the Acoustical Society of America, 2015, 137, 1962-1970.	0.5	6
133	The seismic traffic footprint: Tracking trains, aircraft, and cars seismically. Geophysical Research Letters, 2015, 42, 2674-2681.	1.5	96
134	The Cascadia Initiative: A Sea Change In Seismological Studies of Subduction Zones. Oceanography, 2014, 27, 138-150.	0.5	106
135	On the apparent attenuation in the spatial coherence estimated from seismic arrays. Journal of Geophysical Research: Solid Earth, 2014, 119, 3115-3132.	1.4	13
136	Compressive geoacoustic inversion using ambient noise. Journal of the Acoustical Society of America, 2014, 135, 1245-1255.	0.5	37
137	Compressive beamforming. Journal of the Acoustical Society of America, 2014, 136, 260-271.	0.5	255
138	Spatial filtering in ambient noise interferometry. Journal of the Acoustical Society of America, 2014, 135, 1186-1196.	0.5	6
139	Verification of Trident Warrior 2013 radiosonde and numerical weather prediction results with passive low frequency RF measurements. , 2014, , .		0
140	Recursive Bayesian synthetic aperture geoacoustic inversion in the presence of motion dynamics. Journal of the Acoustical Society of America, 2014, 136, 1187-1198.	0.5	6
141	Kinematic earthquake rupture inversion in the frequency domain. Geophysical Journal International, 2014, 199, 1138-1160.	1.0	18
142	Local-scale cross-correlation of seismic noise from the Calico fault experiment. Earthquake Science, 2014, 27, 311-318.	0.4	12
143	A unified theory of microseisms and hum. Journal of Geophysical Research: Solid Earth, 2014, 119, 3317-3339.	1.4	36
144	Particle smoothers in sequential geoacoustic inversion. Journal of the Acoustical Society of America, 2013, 134, 971-981.	0.5	4

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145	Toward the Assimilation of the Atmospheric Surface Layer Using Numerical Weather Prediction and Radar Clutter Observations. Journal of Applied Meteorology and Climatology, 2013, 52, 2345-2355.	0.6	18
146	Spatial filtering in ambient noise crosscorrelation. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
147	Effect of Medium Attenuation on the Asymptotic Eigenvalues of Noise Covariance Matrices. IEEE Signal Processing Letters, 2013, 20, 435-438.	2.1	2
148	Geophysical signal processing using sequential Bayesian techniques. Geophysics, 2013, 78, V87-V100.	1.4	3
149	Deep-water subsurface imaging using OBS interferometry. Geophysics, 2013, 78, Q15-Q24.	1.4	10
150	Modeling and detection of oil in sea water. Journal of the Acoustical Society of America, 2013, 134, 2790-2798.	0.5	4
151	Broadband synthetic aperture geoacoustic inversion. Journal of the Acoustical Society of America, 2013, 134, 312-322.	0.5	80
152	Bayesian sequential sparse sampling. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
153	Analytic Sequential Weissâ€™Weinstein Bounds. IEEE Transactions on Signal Processing, 2013, 61, 5049-5062.	3.2	14
154	Sequential Bayesian Sparse Signal Reconstruction Using Array Data. IEEE Transactions on Signal Processing, 2013, 61, 6344-6354.	3.2	39
155	High resolution beamforming using L1 minimization. Proceedings of Meetings on Acoustics, 2013, , .	0.3	2
156	Compressive sensing of frequency-dependent seismic radiation from subduction zone megathrust ruptures. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4512-4517.	3.3	71
157	Oceansub-bottom sensing using randommatrixmodels. , 2013, , .		0
158	Are deepâ€™oceanâ€™generated surfaceâ€™wave microseisms observed on land?. Journal of Geophysical Research: Solid Earth, 2013, 118, 3610-3629.	1.4	71
159	Particle filtering for passive fathometer tracking. Journal of the Acoustical Society of America, 2012, 131, EL74-EL80.	0.5	10
160	Cross-correlations of diffuse noise in an ocean environment using eigenvalue based statistical inference. Journal of the Acoustical Society of America, 2012, 132, 3213-3224.	0.5	16
161	Asymptotic Eigenvalue Density of Noise Covariance Matrices. IEEE Transactions on Signal Processing, 2012, 60, 3415-3424.	3.2	20
162	Localization of acoustic sources utilizing a decentralized particle filter. , 2012, , .		2

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163	Predictive state vector encoding for decentralized field estimation in sensor networks. , 2012, , .		3
164	Eigenvalues of the sample covariance matrix for a towed array. Journal of the Acoustical Society of America, 2012, 132, 2388-2396.	0.5	23
165	Passive acoustic monitoring using random matrix theory. , 2012, , .		1
166	Microseisms and hum from ocean surface gravity waves. Journal of Geophysical Research, 2012, 117, .	3.3	62
167	Estimation of radio refractivity using a multiple angle clutter model. Radio Science, 2012, 47, .	0.8	13
168	Bayesian sparse sensing of the Japanese 2011 earthquake. , 2012, , .		1
169	Sequential geoacoustic inversion at the continental shelfbreak. Journal of the Acoustical Society of America, 2012, 131, 1722-1732.	0.5	22
170	Sequential Bayesian techniques applied to non-volcanic tremor. Journal of Geophysical Research, 2012, 117, .	3.3	5
171	Multiple Grazing Angle Sea Clutter Modeling. IEEE Transactions on Antennas and Propagation, 2012, 60, 4408-4417.	3.1	36
172	Shear wave anisotropy from cross-correlation of seismic noise in the Parkfield pilot hole. Geophysical Journal International, 2012, 188, 626-630.	1.0	6
173	Subevent location and rupture imaging using iterative backprojection for the 2011 Tohoku Mw 9.0 earthquake. Geophysical Journal International, 2012, 190, 1152-1168.	1.0	51
174	Bayesian sparse wideband source reconstruction of Japanese 2011 earthquake. , 2011, , .		2
175	Cascadia tremor spectra: Low corner frequencies and earthquake-like high-frequency falloff. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	1.0	24
176	Compressive sensing of the Tohoku-Oki Mw 9.0 earthquake: Frequency-dependent rupture modes. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	120
177	Refractivity estimation from sea clutter: An invited review. Radio Science, 2011, 46, .	0.8	93
178	Ocean bottom profiling with ambient noise: A model for the passive fathometer. Journal of the Acoustical Society of America, 2011, 129, 1825-1836.	0.5	21
179	Coherent averaging of the passive fathometer response using short correlation time. Journal of the Acoustical Society of America, 2011, 130, 3633-3641.	0.5	14
180	Improving beam patterns of two-dimensional random arrays using convex optimization. Journal of the Acoustical Society of America, 2011, 129, EL135-EL140.	0.5	13

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181	An Overview of Sequential Bayesian Filtering in Ocean Acoustics. IEEE Journal of Oceanic Engineering, 2011, 36, 71-89.	2.1	87
182	Localization of acoustic sources using a decentralized particle filter. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	9
183	Fluctuating arrivals of short-range acoustic data. Journal of the Acoustical Society of America, 2011, 129, 98-103.	0.5	5
184	Range aliasing in frequency coherent geoacoustic inversion. Journal of the Acoustical Society of America, 2011, 130, EL154-EL160.	0.5	8
185	Shear wave splitting in the SAFOD pilot hole using seismic interferometry. , 2010, , .		0
186	Geoacoustic Inversion Using Backpropagation. IEEE Journal of Oceanic Engineering, 2010, 35, 722-731.	2.1	11
187	Distribution of noise sources for seismic interferometry. Geophysical Journal International, 2010, 183, 1470-1484.	1.0	91
188	Distributed state and field estimation using a particle filter. , 2010, , .		1
189	Adaptive passive fathometer processing. Journal of the Acoustical Society of America, 2010, 127, 2193-2200.	0.5	71
190	Real time refractivity from clutter using a best fit approach improved with physical information. Radio Science, 2010, 45, n/a-n/a.	0.8	29
191	Pelagic and coastal sources of $P$ -wave microseisms: Generation under tropical cyclones. Geophysical Research Letters, 2010, 37, .	1.5	79
192	Geoacoustic and source tracking using particle filtering: Experimental results. Journal of the Acoustical Society of America, 2010, 128, 75-87.	0.5	65
193	Statistical Estimation of Source Location in Presence of Geoacoustic Inversion Uncertainty. , 2010, , .		0
194	Resolving P-wave travel-time anomalies using seismic array observations of oceanic storms. Earth and Planetary Science Letters, 2010, 292, 419-427.	1.8	39
195	Estimation of Geoacoustic Properties of Marine Sediment Using a Hybrid Differential Evolution Inversion Method. IEEE Journal of Oceanic Engineering, 2010, 35, 59-69.	2.1	21
196	Statistical estimation of source location in presence of geoacoustic inversion uncertainty. Journal of the Acoustical Society of America, 2009, 125, EL171-EL176.	0.5	3
197	Green's function approximation from cross-correlations of 20-100Hz noise during a tropical storm. Journal of the Acoustical Society of America, 2009, 125, 723-734.	0.5	44
198	Green's function approximation from cross-correlation of active sources in the ocean. Journal of the Acoustical Society of America, 2009, 126, 46-55.	0.5	8

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199	On the sign of the adaptive passive fathometer impulse response. Journal of the Acoustical Society of America, 2009, 126, 1657.	0.5	6
200	Tracking of geoacoustic parameters using Kalman and particle filters. Journal of the Acoustical Society of America, 2009, 125, 746-760.	0.5	53
201	High-frequency wave seismic noise driven by ocean winds. Geophysical Research Letters, 2009, 36, .	1.5	48
202	Estimating site amplification factors from ambient noise. Geophysical Research Letters, 2009, 36, .	1.5	9
203	Dominant source regions of the Earth's hum are coastal. Geophysical Research Letters, 2009, 36, .	1.5	38
204	Fundamental and higher-mode Rayleigh wave characteristics of ambient seismic noise in New Zealand. Geophysical Research Letters, 2009, 36, .	1.5	44
205	Sensitivity analysis and performance estimation of refractivity from clutter techniques. Radio Science, 2009, 44, .	0.8	50
206	Remote sensing with ambient noise. , 2009, , .		0
207	Tracking Refractivity from Clutter Using Kalman and Particle Filters. IEEE Transactions on Antennas and Propagation, 2008, 56, 1058-1070.	3.1	85
208	Phase velocities from seismic noise using beamforming and cross correlation in Costa Rica and Nicaragua. Geophysical Research Letters, 2008, 35, .	1.5	69
209	Global P, PP, and PKP wave microseisms observed from distant storms. Geophysical Research Letters, 2008, 35, .	1.5	138
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211	Evaporation duct estimation from clutter using meteorological statistics. , 2008, , .		2
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