Peter Gerstoft

List of Publications by Year in descending order

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288 papers	10,569 citations	30070 54 h-index	42399 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.	8.7	5
2	Tracking and Inversion Using Midfrequency Signals in the Seabed Characterization Experiment. IEEE Journal of Oceanic Engineering, 2022, 47, 657-669.	3.8	0
3	Highâ€Resolution Imaging of Complex Shallow Fault Zones Along the July 2019 Ridgecrest Ruptures. Geophysical Research Letters, 2022, 49, .	4.0	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.	1.1	9
11	Reducing echo state network size with controllability matrices. Chaos, 2022, 32, .	2.5	5
12	Sound source localization using multiple ad hoc distributed microphone arrays. JASA Express Letters, 2022, 2, .	1.1	6
13	Teleseismic earthquake wavefields observed on the Ross Ice Shelf. Journal of Glaciology, 2021, 67, 58-74.	2.2	4
14	Semi-Supervised Source Localization in Reverberant Environments With Deep Generative Modeling. IEEE Access, 2021, 9, 84956-84970.	4.2	22
15	Sparse planar arrays for azimuth and elevation using experimental data. Journal of the Acoustical Society of America, 2021, 149, 167-178.	1.1	9
16	Phase Coherent EM Array Measurements in a Refractive Environment. IEEE Transactions on Antennas and Propagation, 2021, 69, 6783-6796.	5.1	4
17	Gridless DOA Estimation and Root-MUSIC for Non-Uniform Linear Arrays. IEEE Transactions on Signal Processing, 2021, 69, 2144-2157.	5.3	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.	1.1	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.	1.1	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.	1.1	37
22	Sequential sparse Bayesian learning for time-varying direction of arrival. Journal of the Acoustical Society of America, 2021, 149, 2089-2099.	1.1	23
23	Swell-Triggered Seismicity at the Near-Front Damage Zone of the Ross Ice Shelf. Seismological Research Letters, 2021, 92, 2768-2792.	1.9	14
24	Deep embedded clustering of coral reef bioacoustics. Journal of the Acoustical Society of America, 2021, 149, 2587-2601.	1.1	18
25	Matched field source localization with Gaussian processes. JASA Express Letters, 2021, 1, .	1.1	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.	1.1	7
30	Reinforcement learning applied to metamaterial design. Journal of the Acoustical Society of America, 2021, 150, 321-338.	1.1	27
31	Unsupervised Deep Clustering of Seismic Data: Monitoring the Ross Ice Shelf, Antarctica. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021716.	3.4	19
32	Head-wave correlations in layered seabed: Theory and modeling. JASA Express Letters, 2021, 1, .	1.1	2
33	Deep Clustering to Identify Sources of Urban Seismic Noise in Long Beach, California. Seismological Research Letters, 2021, 92, 1011-1022.	1.9	17
34	Automated partial differential equation identification. Journal of the Acoustical Society of America, 2021, 150, 2364-2374.	1.1	3
35	Underwater acoustic target recognition using attention-based deep neural network. JASA Express Letters, 2021, 1, .	1.1	13
36	Introduction to the special issue on machine learning in acoustics. Journal of the Acoustical Society of America, 2021, 150, 3204-3210.	1.1	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.	1.1	2
38	Conditional Wasserstein generative adversarial networks applied to acoustic metamaterial design. Journal of the Acoustical Society of America, 2021, 150, 4362-4374.	1.1	14
39	Multipath Broadband Localization, Bathymetry, and Sediment Inversion. IEEE Journal of Oceanic Engineering, 2020, 45, 92-102.	3.8	18
40	Robust estimation of DOA from array data at low SNR. Signal Processing, 2020, 166, 107262.	3.7	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.	1.1	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.	1.1	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.	1.1	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.	1.1	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.	1.1	23
50	Inversion of head waves in ocean acoustic ambient noise. Journal of the Acoustical Society of America, 2020, 147, 1752-1761.	1.1	7
51	A feedforward neural network for direction-of-arrival estimation. Journal of the Acoustical Society of America, 2020, 147, 2035-2048.	1.1	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.	1.1	22
53	Virtual head waves in ocean ambient noise: Theory and modeling. Journal of the Acoustical Society of America, 2020, 148, 3836-3848.	1.1	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.	1.1	92
59	Ross Ice Shelf Icequakes Associated With Ocean Gravity Wave Activity. Geophysical Research Letters, 2019, 46, 8893-8902.	4.0	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.	3.3	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.	2.2	12
64	Deep transfer learning for source ranging: Deep-sea experiment results. Journal of the Acoustical Society of America, 2019, 146, EL317-EL322.	1.1	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.	1.1	39
66	Tidal and Thermal Stresses Drive Seismicity Along a Major Ross Ice Shelf Rift. Geophysical Research Letters, 2019, 46, 6644-6652.	4.0	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.	1.9	302
69	DOA Estimation in heteroscedastic noise. Signal Processing, 2019, 161, 63-73.	3.7	27
70	Grid-free compressive mode extraction. Journal of the Acoustical Society of America, 2019, 145, 1427-1442.	1.1	20
71	Robust Ocean Acoustic Localization With Sparse Bayesian Learning. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 49-60.	10.8	61
72	Grid-less variational Bayesian line spectral estimation with multiple measurement vectors. Signal Processing, 2019, 161, 155-164.	3.7	25

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73	Sparse Bayesian learning with multiple dictionaries. Signal Processing, 2019, 159, 159-170.	3.7	48
74	Heterogeneous upper mantle structure beneath the Ross Sea Embayment and Marie Byrd Land, West Antarctica, revealed by P-wave tomography. Earth and Planetary Science Letters, 2019, 513, 40-50.	4.4	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. Journal of the Acoustical Society of America, 2019, 146, 3590-3628.	1.1	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. Journal of the Acoustical Society of America, 2018, 143, 1182-1193.	1.1	8
81	Seasonality of P wave microseisms from NCF-based beamforming using ChinArray. Geophysical Journal International, 2018, 213, 1832-1848.	2.4	17
82	Array Shape Calibration Using Low Rank Projections. , 2018, , .		0
83	Interference of Teleseismic Body Waves in Noise Crossâ€Correlation Functions in Southwest China. Seismological Research Letters, 2018, 89, 1817-1825.	1.9	4
84	Sparse Bayesian learning for beamforming using sparse linear arrays. Journal of the Acoustical Society of America, 2018, 144, 2719-2729.	1.1	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. Journal of Glaciology, 2018, 64, 730-744.	2.2	15
87	Sparse Bayesian Learning for DOA Estimation of Correlated Sources. , 2018, , .		2
88	Adaptive Travel Time Tomography with Local Sparsity. , 2018, , .		0
89	Nearâ€Surface Environmentally Forced Changes in the Ross Ice Shelf Observed With Ambient Seismic Noise. Geophysical Research Letters, 2018, 45, 11,187.	4.0	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.	1.1	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.	3.4	78
94	Travel Time Tomography With Adaptive Dictionaries. IEEE Transactions on Computational Imaging, 2018, 4, 499-511.	4.4	36
95	Adaptive and compressive matched field processing. Journal of the Acoustical Society of America, 2017, 141, 92-103.	1.1	69
96	A sparse equivalent source method for near-field acoustic holography. Journal of the Acoustical Society of America, 2017, 141, 532-542.	1.1	96
97	Localizing scatterers from surf noise cross correlations. Journal of the Acoustical Society of America, 2017, 141, EL64-EL69.	1.1	9
98	Multiple-array passive acoustic source localization in shallow water. Journal of the Acoustical Society of America, 2017, 141, 1501-1513.	1.1	19
99	Tsunami and infragravity waves impacting <scp>A</scp>ntarctic ice shelves. Journal of Geophysical Research: Oceans, 2017, 122, 5786-5801.	2.6	35
100	Multi-frequency sparse Bayesian learning for robust matched field processing. Journal of the Acoustical Society of America, 2017, 141, 3411-3420.	1.1	91
101	Dictionary learning of sound speed profiles. Journal of the Acoustical Society of America, 2017, 141, 1749-1758.	1.1	37
102	Eastern Arctic ambient noise on a drifting vertical array. Journal of the Acoustical Society of America, 2017, 142, 1997-2006.	1.1	22
103	Source localization in an ocean waveguide using supervised machine learning. Journal of the Acoustical Society of America, 2017, 142, 1176-1188.	1.1	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.	3.8	42
107	câ€“LASSO and its dual for sparse signal estimation from array data. Signal Processing, 2017, 130, 204-216.	3.7	18
108	Using graph clustering to locate sources within a dense sensor array. Signal Processing, 2017, 132, 110-120.	3.7	19

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109	Compressive MIMO Beamforming of Data Collected in a Refractive Environment. Radio Science, 2017, 52, 1458-1471.	1.6	4
110	Ship localization in Santa Barbara Channel using machine learning classifiers. Journal of the Acoustical Society of America, 2017, 142, EL455-EL460.	1.1	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.	1.6	31
115	Block-sparse beamforming for spatially extended sources in a Bayesian formulation. Journal of the Acoustical Society of America, 2016, 140, 1828-1838.	1.1	28
116	Compressive acoustic sound speed profile estimation. Journal of the Acoustical Society of America, 2016, 139, EL90-EL94.	1.1	25
117	Locating sources in a dense array through network-based clustering. , 2016, , .		2
118	â€œWeather bombâ€•induced seismic signals. Science, 2016, 353, 869-870.	12.6	20
119	Multisnapshot Sparse Bayesian Learning for DOA. IEEE Signal Processing Letters, 2016, 23, 1469-1473.	3.6	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.	1.1	1
123	Microseism source direction from noise cross-correlation. Geophysical Journal International, 2016, 205, 810-818.	2.4	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.	2.4	40
125	Ross ice shelf vibrations. Geophysical Research Letters, 2015, 42, 7589-7597.	4.0	52
126	Multiple and single snapshot compressive beamforming. Journal of the Acoustical Society of America, 2015, 138, 2003-2014.	1.1	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.	2.3	5
131	Grid-free compressive beamforming. Journal of the Acoustical Society of America, 2015, 137, 1923-1935.	1.1	109
132	Change-point detection for recursive Bayesian geoacoustic inversions. Journal of the Acoustical Society of America, 2015, 137, 1962-1970.	1.1	6
133	The seismic traffic footprint: Tracking trains, aircraft, and cars seismically. Geophysical Research Letters, 2015, 42, 2674-2681.	4.0	96
134	The Cascadia Initiative: A Sea Change In Seismological Studies of Subduction Zones. Oceanography, 2014, 27, 138-150.	1.0	106
135	On the apparent attenuation in the spatial coherence estimated from seismic arrays. Journal of Geophysical Research: Solid Earth, 2014, 119, 3115-3132.	3.4	13
136	Compressive geoacoustic inversion using ambient noise. Journal of the Acoustical Society of America, 2014, 135, 1245-1255.	1.1	37
137	Compressive beamforming. Journal of the Acoustical Society of America, 2014, 136, 260-271.	1.1	255
138	Spatial filtering in ambient noise interferometry. Journal of the Acoustical Society of America, 2014, 135, 1186-1196.	1.1	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.	1.1	6
141	Kinematic earthquake rupture inversion in the frequency domain. Geophysical Journal International, 2014, 199, 1138-1160.	2.4	18
142	Local-scale cross-correlation of seismic noise from the Calico fault experiment. Earthquake Science, 2014, 27, 311-318.	0.9	12
143	A unified theory of microseisms and hum. Journal of Geophysical Research: Solid Earth, 2014, 119, 3317-3339.	3.4	36
144	Particle smoothers in sequential geoacoustic inversion. Journal of the Acoustical Society of America, 2013, 134, 971-981.	1.1	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.	1.5	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.	3.6	2
148	Geophysical signal processing using sequential Bayesian techniques. Geophysics, 2013, 78, V87-V100.	2.6	3
149	Deep-water subsurface imaging using OBS interferometry. Geophysics, 2013, 78, Q15-Q24.	2.6	10
150	Modeling and detection of oil in sea water. Journal of the Acoustical Society of America, 2013, 134, 2790-2798.	1.1	4
151	Broadband synthetic aperture geoacoustic inversion. Journal of the Acoustical Society of America, 2013, 134, 312-322.	1.1	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.	5.3	14
154	Sequential Bayesian Sparse Signal Reconstruction Using Array Data. IEEE Transactions on Signal Processing, 2013, 61, 6344-6354.	5.3	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.	7.1	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.	3.4	71
159	Particle filtering for passive fathometer tracking. Journal of the Acoustical Society of America, 2012, 131, EL74-EL80.	1.1	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.	1.1	16
161	Asymptotic Eigenvalue Density of Noise Covariance Matrices. IEEE Transactions on Signal Processing, 2012, 60, 3415-3424.	5.3	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.	1.1	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, .	1.6	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.	1.1	22
170	Sequential Bayesian techniques applied to nonâ€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.	5.1	36
172	Shear wave anisotropy from cross-correlation of seismic noise in the Parkfield pilot hole. Geophysical Journal International, 2012, 188, 626-630.	2.4	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.	2.4	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.	2.5	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.	4.0	120
177	Refractivity estimation from sea clutter: An invited review. Radio Science, 2011, 46, .	1.6	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.	1.1	21
179	Coherent averaging of the passive fathometer response using short correlation time. Journal of the Acoustical Society of America, 2011, 130, 3633-3641.	1.1	14
180	Improving beampatterns of two-dimensional random arrays using convex optimization. Journal of the Acoustical Society of America, 2011, 129, EL135-EL140.	1.1	13

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181	An Overview of Sequential Bayesian Filtering in Ocean Acoustics. IEEE Journal of Oceanic Engineering, 2011, 36, 71-89.	3.8	87
182	Localization of acoustic sources using a decentralized particle filter. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	9
183	Fluctuating arrivals of short-range acoustic data. Journal of the Acoustical Society of America, 2011, 129, 98-103.	1.1	5
184	Range aliasing in frequency coherent geoacoustic inversion. Journal of the Acoustical Society of America, 2011, 130, EL154-EL160.	1.1	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.	3.8	11
187	Distribution of noise sources for seismic interferometry. Geophysical Journal International, 2010, 183, 1470-1484.	2.4	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.	1.1	71
190	Real time refractivity from clutter using a best fit approach improved with physical information. Radio Science, 2010, 45, n/a-n/a.	1.6	29
191	Pelagic and coastal sources of Pâ€wave microseisms: Generation under tropical cyclones. Geophysical Research Letters, 2010, 37, .	4.0	79
192	Geoacoustic and source tracking using particle filtering: Experimental results. Journal of the Acoustical Society of America, 2010, 128, 75-87.	1.1	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.	4.4	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.	3.8	21
196	Statistical estimation of source location in presence of geoacoustic inversion uncertainty. Journal of the Acoustical Society of America, 2009, 125, EL171-EL176.	1.1	3
197	Green's function approximation from cross-correlations of 20â€“100Hz noise during a tropical storm. Journal of the Acoustical Society of America, 2009, 125, 723-734.	1.1	44
198	Greenâ€™s function approximation from cross-correlation of active sources in the ocean. Journal of the Acoustical Society of America, 2009, 126, 46-55.	1.1	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.	1.1	6
200	Tracking of geoacoustic parameters using Kalman and particle filters. Journal of the Acoustical Society of America, 2009, 125, 746-760.	1.1	53
201	Highâ€frequency Pâ€wave seismic noise driven by ocean winds. Geophysical Research Letters, 2009, 36, .	4.0	48
202	Estimating site amplification factors from ambient noise. Geophysical Research Letters, 2009, 36, .	4.0	9
203	Dominant source regions of the Earth's â€œhumâ€•are coastal. Geophysical Research Letters, 2009, 36, .	4.0	38
204	Fundamental and higherâ€•mode Rayleigh wave characteristics of ambient seismic noise in New Zealand. Geophysical Research Letters, 2009, 36, .	4.0	44
205	Sensitivity analysis and performance estimation of refractivity from clutter techniques. Radio Science, 2009, 44, .	1.6	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.	5.1	85
208	Phase velocities from seismic noise using beamforming and cross correlation in Costa Rica and Nicaragua. Geophysical Research Letters, 2008, 35, .	4.0	69
209	Global P, PP, and PKP wave microseisms observed from distant storms. Geophysical Research Letters, 2008, 35, .	4.0	138
210	A duct mapping method using least squares support vector machines. Radio Science, 2008, 43, .	1.6	54
211	Evaporation duct estimation from clutter using meteorological statistics. , 2008, , .		2
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