

Geert Jt Leus

List of Publications by Year in descending order

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416
papers

14,591
citations

38660

50
h-index

26548

107
g-index

417
all docs

417
docs citations

417
times ranked

7888
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cascaded Structure for Generalized Graph Filters. IEEE Transactions on Signal Processing, 2022, 70, 3499-3513.	3.2	1
2	Computational Array Signal Processing via Modulo Non-Linearities. IEEE Transactions on Signal Processing, 2022, 70, 2168-2179.	3.2	13
3	Efficient Super-Resolution Two-Dimensional Harmonic Retrieval With Multiple Measurement Vectors. IEEE Transactions on Signal Processing, 2022, 70, 1224-1240.	3.2	6
4	Efficient Angle Estimation for MIMO Systems via Redundancy Reduction Representation. IEEE Signal Processing Letters, 2022, 29, 1052-1056.	2.1	7
5	Simplicial Convolutional Neural Networks. , 2022, , .		13
6	Learning Time-Varying Graphs From Online Data. IEEE Open Journal of Signal Processing, 2022, 3, 212-228.	2.3	12
7	Single-Pixel Thermopile Infrared Sensing for People Counting. IEEE Sensors Journal, 2021, 21, 4866-4873.	2.4	14
8	Graphon Filters: Graph Signal Processing in the Limit. IEEE Transactions on Signal Processing, 2021, 69, 1740-1754.	3.2	10
9	Node-Adaptive Regularization for Graph Signal Reconstruction. IEEE Open Journal of Signal Processing, 2021, 2, 85-98.	2.3	1
10	A Momentum-Guided Frank-Wolfe Algorithm. IEEE Transactions on Signal Processing, 2021, 69, 3597-3611.	3.2	9
11	Low-Complexity Gridless 2D Harmonic Retrieval via Decoupled-ANM Covariance Reconstruction. , 2021, , .		2
12	Blind calibration for arrays with an aberration layer in ultrasound imaging. , 2021, , .		1
13	DoA Estimation via Unlimited Sensing. , 2021, , .		7
14	State-Space Based Network Topology Identification. , 2021, , .		3
15	Sensor commissioning detection in single-pixel thermopile sensing systems. , 2021, , .		0
16	The Dual Graph Shift Operator: Identifying the Support of the Frequency Domain. Journal of Fourier Analysis and Applications, 2021, 27, 1.	0.5	4
17	Topological Volterra Filters. , 2021, , .		6
18	Online Time-Varying Topology Identification Via Prediction-Correction Algorithms. , 2021, , .		9

#	ARTICLE	IF	CITATIONS
19	Multiple Measurement Vector Model for Sparsity-Based Vascular Ultrasound Imaging. , 2021, , .		1
20	Privacy-Preserving Distributed Graph Filtering. , 2021, , .		7
21	Node Varying Regularization for Graph Signals. , 2021, , .		1
22	Direction of Arrival Estimation of Wideband Sources Using Sparse Linear Arrays. IEEE Transactions on Signal Processing, 2021, 69, 4444-4457.	3.2	22
23	Finite Impulse Response Filters for Simplicial Complexes. , 2021, , .		23
24	A Delayed and Subsampled Wideband Sparse Array for Joint Angle and Frequency Estimation. , 2021, , .		1
25	Online Graph Learning From Time-Varying Structural Equation Models. , 2021, , .		1
26	Equalization of OSDM over time-varying channels based on diagonal-block-banded matrix enhancement. Signal Processing, 2020, 168, 107333.	2.1	1
27	Underwater Acoustic Communication Using Multiple-Input Multiple-Output Doppler-Resilient Orthogonal Signal Division Multiplexing. IEEE Journal of Oceanic Engineering, 2020, 45, 1594-1610.	2.1	16
28	Coding Mask Design for Single Sensor Ultrasound Imaging. IEEE Transactions on Computational Imaging, 2020, 6, 358-373.	2.6	8
29	Low-Complexity Equalization of MIMO-OSDM. IEEE Transactions on Vehicular Technology, 2020, 69, 2301-2305.	3.9	6
30	Joint channel and Doppler estimation for OSDM underwater acoustic communications. Signal Processing, 2020, 170, 107446.	2.1	6
31	DOA Estimation in Heteroscedastic Noise with sparse Bayesian Learning. , 2020, , .		0
32	Fast Spectral Approximation of Structured Graphs with Applications to Graph Filtering. Algorithms, 2020, 13, 214.	1.2	0
33	Observing and tracking bandlimited graph processes from sampled measurements. Signal Processing, 2020, 177, 107749.	2.1	12
34	Submodularity in Action: From Machine Learning to Signal Processing Applications. IEEE Signal Processing Magazine, 2020, 37, 120-133.	4.6	21
35	Consensus Based Distributed Sparse Bayesian Learning by Fast Marginal Likelihood Maximization. IEEE Signal Processing Letters, 2020, 27, 2119-2123.	2.1	5
36	Topology-Aware Joint Graph Filter and Edge Weight Identification for Network Processes. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
37	Wideband Direction of Arrival Estimation with Sparse Linear Arrays. , 2020, , .		1
38	Antenna Placement in a Compressive Sensing-Based Colocated MIMO Radar. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 4606-4614.	2.6	15
39	Compressed-Domain Detection and Estimation for Colocated MIMO Radar. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 4504-4518.	2.6	9
40	Efficient Super-Resolution Two-Dimensional Harmonic Retrieval Via Enhanced Low-Rank Structured Covariance Reconstruction. , 2020, , .		4
41	Time-Varying Convex Optimization: Time-Structured Algorithms and Applications. Proceedings of the IEEE, 2020, 108, 2032-2048.	16.4	65
42	State-Space Network Topology Identification From Partial Observations. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 211-225.	1.6	24
43	Sensor placement and resource allocation for energy harvesting IoT networks. , 2020, 105, 102659.		8
44	Self-Driven Graph Volterra Models for Higher-Order Link Prediction. , 2020, , .		5
45	Graphs, Convolutions, and Neural Networks: From Graph Filters to Graph Neural Networks. IEEE Signal Processing Magazine, 2020, 37, 128-138.	4.6	90
46	Vector Doppler imaging of small vessels using directionally filtered Power Doppler images. , 2020, , .		0
47	Filter Design for Autoregressive Moving Average Graph Filters. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 47-60.	1.6	41
48	Super-Resolution Channel Estimation for Arbitrary Arrays in Hybrid Millimeter-Wave Massive MIMO Systems. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 947-960.	7.3	52
49	Controllability of Bandlimited Graph Processes Over Random Time Varying Graphs. IEEE Transactions on Signal Processing, 2019, 67, 6440-6454.	3.2	19
50	Blind Calibration of Sparse Arrays for DOA Estimation with Analog and One-bit Measurements. , 2019, , .		15
51	Scalable Learning with Privacy Over Graphs. , 2019, , .		0
52	Asynchronous Distributed Edge-Variant Graph Filters. , 2019, , .		2
53	Forecasting Time Series With VARMA Recursions on Graphs. IEEE Transactions on Signal Processing, 2019, 67, 4870-4885.	3.2	60
54	Time-domain oversampled orthogonal signal-division multiplexing underwater acoustic communications. Journal of the Acoustical Society of America, 2019, 145, 292-300.	0.5	6

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55	Sparse Sampling for Inverse Problems With Tensors. IEEE Transactions on Signal Processing, 2019, 67, 3272-3286.	3.2	24
56	Aggregation Graph Neural Networks. , 2019, , .		9
57	DOA Estimation in heteroscedastic noise. Signal Processing, 2019, 161, 63-73.	2.1	27
58	Advances in Distributed Graph Filtering. IEEE Transactions on Signal Processing, 2019, 67, 2320-2333.	3.2	75
59	Online Graph-Adaptive Learning With Scalability and Privacy. IEEE Transactions on Signal Processing, 2019, 67, 2471-2483.	3.2	29
60	Learning Sparse Hypergraphs from Dyadic Relational Data. , 2019, , .		1
61	Blind Sensor Array Calibration and Doa Estimation of Broadband Sources. , 2019, , .		2
62	Super-Resolution Spatial Channel Covariance Estimation for Hybrid Precoding in mmWave Massive MIMO. , 2019, , .		3
63	Convolutional Graph Neural Networks. , 2019, , .		8
64	On Distributed Consensus by a Cascade Of Generalized Graph Filters. , 2019, , .		1
65	Design Strategies for Sparse Control Of Random Time-Varying NETWORKS. , 2019, , .		0
66	Angle-Based Channel Estimation with Arbitrary Arrays. , 2019, , .		3
67	Graph Filter Design Using Sum-of-squares Representation. , 2019, , .		5
68	Low-Complexity Equalization of Orthogonal Signal-Division Multiplexing in Doubly-Selective Channels. IEEE Transactions on Signal Processing, 2019, 67, 915-929.	3.2	21
69	Convolutional Neural Network Architectures for Signals Supported on Graphs. IEEE Transactions on Signal Processing, 2019, 67, 1034-1049.	3.2	169
70	Relative kinematics of an anchorless network. Signal Processing, 2019, 157, 266-279.	2.1	15
71	Sparse Antenna and Pulse Placement for Colocated MIMO Radar. IEEE Transactions on Signal Processing, 2019, 67, 579-593.	3.2	31
72	Iterative Per-Vector Equalization for Orthogonal Signal-Division Multiplexing Over Time-Varying Underwater Acoustic Channels. IEEE Journal of Oceanic Engineering, 2019, 44, 240-255.	2.1	29

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73	Underwater acoustic communication using Doppler-resilient orthogonal signal division multiplexing in a harbor environment. <i>Physical Communication</i> , 2018, 27, 24-35.	1.2	10
74	Blind Graph Topology Change Detection. <i>IEEE Signal Processing Letters</i> , 2018, 25, 655-659.	2.1	7
75	Eigendecomposition-Based Partial FFT Demodulation for Differential OFDM in Underwater Acoustic Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 6706-6710.	3.9	16
76	Calibration techniques for single-sensor ultrasound imaging with a coding mask. , 2018, , .		3
77	Joint Optimization of Coding Mask and Scan Positions for Compressive Single Sensor Imaging. , 2018, , .		2
78	Joint Ranging and Clock Synchronization for Dense Heterogeneous IoT Networks. , 2018, , .		4
79	Control of Graph Signals Over Random Time-Varying Graphs. , 2018, , .		5
80	Subset Selection for Kernel-Based Signal Reconstruction. , 2018, , .		3
81	Blind Calibration for Acoustic Vector Sensor Arrays. , 2018, , .		3
82	CNN ARCHITECTURES FOR GRAPH DATA. , 2018, , .		0
83	On The Limits of Finite-Time Distributed Consensus Through Successive Local Linear Operations. , 2018, , .		3
84	Observing Bandlimited Graph Processes from Subsampled Measurements. , 2018, , .		1
85	SAMPLING AND RECONSTRUCTION OF SIGNALS ON PRODUCT GRAPHS. , 2018, , .		15
86	Underwater Acoustic Communication Using Multiple-Input Multiple-Output Doppler-Resilient Orthogonal Signal Division Multiplexing. , 2018, , .		1
87	Distributed Analytical Graph Identification. , 2018, , .		2
88	Signal-to-Noise-Ratio Analysis of Compressive Data Acquisition. , 2018, , .		2
89	Graph Sampling with and Without Input Priors. , 2018, , .		13
90	Sparse Bayesian Learning for DOA Estimation of Correlated Sources. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
91	Distributed Splitting-Over-Features Sparse Bayesian Learning with Alternating Direction Method of Multipliers. , 2018, , .		6
92	Doa Estimation in Heteroscedastic Noise with Sparse Bayesian Learning. , 2018, , .		0
93	Distributed Wiener-Based Reconstruction of Graph Signals. , 2018, , .		11
94	Uniaxial Acoustic Vector Sensors for direction-of-arrival estimation. Journal of Sound and Vibration, 2018, 437, 276-291.	2.1	11
95	CONVOLUTIONAL NEURAL NETWORKS VIA NODE-VARYING GRAPH FILTERS. , 2018, , .		15
96	SPARSEST NETWORK SUPPORT ESTIMATION: A SUBMODULAR APPROACH. , 2018, , .		5
97	Adaptive Graph Signal Processing: Algorithms and Optimal Sampling Strategies. IEEE Transactions on Signal Processing, 2018, 66, 3584-3598.	3.2	66
98	Structured ultrasound microscopy. Applied Physics Letters, 2018, 112, .	1.5	17
99	Statistical Graph Signal Processing: Stationarity and Spectral Estimation. , 2018, , 325-347.		5
100	Spatio-Temporal Field Estimation Using Krigeed Kalman Filter (KKF) with Sparsity-Enforcing Sensor Placement. Sensors, 2018, 18, 1778.	2.1	9
101	Joint Detection and Localization of an Unknown Number of Sources Using the Algebraic Structure of the Noise Subspace. IEEE Transactions on Signal Processing, 2018, 66, 4685-4700.	3.2	10
102	MIMO Graph Filters for Convolutional Neural Networks. , 2018, , .		6
103	Submodular Sparse Sensing for Gaussian Detection With Correlated Observations. IEEE Transactions on Signal Processing, 2018, 66, 4025-4039.	3.2	13
104	Radar network topology optimization for joint target position and velocity estimation. Signal Processing, 2017, 130, 279-288.	2.1	14
105	Decentralized Prediction-Correction Methods for Networked Time-Varying Convex Optimization. IEEE Transactions on Automatic Control, 2017, 62, 5724-5738.	3.6	54
106	Consistent sensor, relay, and link selection in wireless sensor networks. Signal Processing, 2017, 140, 32-44.	2.1	6
107	Distributed sensor selection for field estimation. , 2017, , .		7
108	Multi-Layer Precoding: A Potential Solution for Full-Dimensional Massive MIMO Systems. IEEE Transactions on Wireless Communications, 2017, 16, 5810-5824.	6.1	30

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109	Space-frequency coded orthogonal signal-division multiplexing over underwater acoustic channels. Journal of the Acoustical Society of America, 2017, 141, EL513-EL518.	0.5	9
110	Filtering Random Graph Processes Over Random Time-Varying Graphs. IEEE Transactions on Signal Processing, 2017, 65, 4406-4421.	3.2	69
111	Robust Differential Received Signal Strength-Based Localization. IEEE Transactions on Signal Processing, 2017, 65, 3261-3276.	3.2	88
112	Signal processing on kernel-based random graphs. , 2017, , .		10
113	Joint sensor placement and power rating selection in energy harvesting wireless sensor networks. , 2017, , .		3
114	Graph Sampling for Covariance Estimation. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 451-466.	1.6	27
115	Stationary Graph Processes and Spectral Estimation. IEEE Transactions on Signal Processing, 2017, 65, 5911-5926.	3.2	133
116	Compressive 3D ultrasound imaging using a single sensor. Science Advances, 2017, 3, e1701423.	4.7	98
117	On a unified framework for linear nuisance parameters. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.0	3
118	Distributed sparsified graph filters for denoising and diffusion tasks. , 2017, , .		7
119	Autoregressive Moving Average Graph Filtering. IEEE Transactions on Signal Processing, 2017, 65, 274-288.	3.2	186
120	Space-Time and Space-Frequency Block Coded Vector OFDM Modulation. IEEE Communications Letters, 2017, 21, 204-207.	2.5	20
121	Gradient-based solution for hybrid precoding in MIMO systems. , 2017, , .		6
122	Distributed recursive least squares strategies for adaptive reconstruction of graph signals. , 2017, , .		5
123	DOA estimation and beamforming using spatially under-sampled AVS arrays. , 2017, , .		2
124	Information distances for radar resolution analysis. , 2017, , .		4
125	Autoregressive moving average graph filters a stable distributed implementation. , 2017, , .		7
126	Learning sparse graphs under smoothness prior. , 2017, , .		79

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127	Autoregressive moving average graph filter design. , 2017, , .		6
128	Notice of Removal: Acoustical compressive 3D imaging with a single sensor. , 2017, , .		0
129	Impulse response estimation method for ultrasound arrays. , 2017, , .		0
130	Impulse response estimation method for ultrasound arrays. , 2017, , .		0
131	Antenna and pulse selection for colocated MIMO radar. , 2017, , .		3
132	Stationary graph processes: Parametric power spectral estimation. , 2017, , .		1
133	Near-optimal greedy sensor selection for MVDR beamforming with modular budget constraint. , 2017, , .		3
134	Cooperative compressive power spectrum estimation in wireless fading channels. , 2017, , .		1
135	Sparse sensing for composite matched subspace detection. , 2017, , .		0
136	Distributed edge-variant graph filters. , 2017, , .		12
137	Spatial compression in ultrasound imaging. , 2017, , .		2
138	Dynamic rainfall monitoring using microwave links. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	14
139	A Class of Prediction-Correction Methods for Time-Varying Convex Optimization. IEEE Transactions on Signal Processing, 2016, 64, 4576-4591.	3.2	83
140	Separable autoregressive moving average graph-temporal filters. , 2016, , .		21
141	A Quasi-newton prediction-correction method for decentralized dynamic convex optimization. , 2016, , .		4
142	Bound on the estimation grid size for sparse reconstruction in direction of arrival estimation. , 2016, , .		0
143	Sparse Sensing for Statistical Inference. Foundations and Trends in Signal Processing, 2016, 9, 233-368.	12.0	19
144	Spectrum sensing using energy detectors with performance computation capabilities. , 2016, , .		3

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145	Subsampling for graph power spectrum estimation. , 2016, , .		20
146	Stochastic resolution analysis of co-prime arrays in radar. , 2016, , .		4
147	2-Dimensional finite impulse response graph-temporal filters. , 2016, , .		20
148	Space-shift sampling of graph signals. , 2016, , .		0
149	Subgraph detection using graph signals. , 2016, , .		8
150	Stationary graph processes: Nonparametric spectral estimation. , 2016, , .		6
151	An ideal-theoretic criterion for localization of an unknown number of sources. , 2016, , .		3
152	Towards multi-rigid body localization. , 2016, , .		6
153	Sensor Selection for Estimation with Correlated Measurement Noise. IEEE Transactions on Signal Processing, 2016, 64, 3509-3522.	3.2	140
154	Deterministic Fourier-based dictionary design for sparse reconstruction. , 2016, , .		3
155	Directional maximum likelihood self-estimation of the path-loss exponent. , 2016, , .		5
156	Direction of arrival estimation based on information geometry. , 2016, , .		10
157	RSS-based sensor localization in underwater acoustic sensor networks. , 2016, , .		16
158	Advanced flooding-based routing protocols for underwater sensor networks. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	15
159	Spatio-temporal sensor management for environmental field estimation. Signal Processing, 2016, 128, 369-381.	2.1	28
160	Reconstruction of Graph Signals Through Percolation from Seeding Nodes. IEEE Transactions on Signal Processing, 2016, 64, 4363-4378.	3.2	69
161	Sampling of Graph Signals With Successive Local Aggregations. IEEE Transactions on Signal Processing, 2016, 64, 1832-1843.	3.2	205
162	Robust Censoring Using Metropolis-Hastings Sampling. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 270-283.	7.3	3

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163	Compressive Covariance Sensing: Structure-based compressive sensing beyond sparsity. IEEE Signal Processing Magazine, 2016, 33, 78-93.	4.6	107
164	Sparse Sensing for Distributed Detection. IEEE Transactions on Signal Processing, 2016, 64, 1446-1460.	3.2	49
165	Big data sketching with model mismatch. , 2015, , .		1
166	Aggregation sampling of graph signals in the presence of noise. , 2015, , .		2
167	Correlation-aware sparsity-enforcing sensor placement for spatio-temporal field estimation. , 2015, , .		4
168	Sampling of graph signals: Successive local aggregations at a single node. , 2015, , .		6
169	A decentralized prediction-correction method for networked time-varying convex optimization. , 2015, , .		5
170	Target tracking with dynamic convex optimization. , 2015, , .		8
171	Sparse sensing for estimation with correlated observations. , 2015, , .		3
172	Reconstruction of graph signals: Percolation from a single seeding node. , 2015, , .		4
173	Stochastic graph filtering on time-varying graphs. , 2015, , .		11
174	Interpolation of graph signals using shift-invariant graph filters. , 2015, , .		22
175	Universal lower bounds on sampling rates for covariance estimation. , 2015, , .		2
176	Compressive modeling of stationary autoregressive processes. , 2015, , .		1
177	Greedy sensor selection for non-linear models. , 2015, , .		17
178	DOA estimation using sparse vector sensor arrays. , 2015, , .		11
179	On non-differentiable time-varying optimization. , 2015, , .		10
180	Prediction-correction methods for time-varying convex optimization. , 2015, , .		12

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181	Fast sound field reproduction in box-shaped rooms: Rigid walls case. , 2015, , .		2
182	Partial FFT Demodulation for MIMO-OFDM Over Time-Varying Underwater Acoustic Channels. IEEE Signal Processing Letters, 2015, , 1-1.	2.1	19
183	Sparse sensing for distributed gaussian detection. , 2015, , .		12
184	Robust censoring for linear inverse problems. , 2015, , .		2
185	Continuous Sensor Placement. IEEE Signal Processing Letters, 2015, 22, 544-548.	2.1	36
186	Sparsity-Promoting Sensor Selection for Non-Linear Measurement Models. IEEE Transactions on Signal Processing, 2015, 63, 684-698.	3.2	222
187	Compression Limits for Random Vectors with Linearly Parameterized Second-Order Statistics. IEEE Transactions on Information Theory, 2015, 61, 1410-1425.	1.5	44
188	Localization Packet Scheduling for Underwater Acoustic Sensor Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 1345-1356.	9.7	4
189	Joint relative position and velocity estimation for an anchorless network of mobile nodes. Signal Processing, 2015, 115, 66-78.	2.1	11
190	Collision Tolerant and Collision Free Packet Scheduling for Underwater Acoustic Localization. IEEE Transactions on Wireless Communications, 2015, 14, 2584-2595.	6.1	25
191	Compressive Periodogram Reconstruction Using Uniform Binning. IEEE Transactions on Signal Processing, 2015, 63, 4149-4164.	3.2	4
192	Self-Estimation of Path-Loss Exponent in Wireless Networks and Applications. IEEE Transactions on Vehicular Technology, 2015, 64, 5091-5102.	3.9	27
193	Achievable rates of multi-user millimeter wave systems with hybrid precoding. , 2015, , .		45
194	Indoor Granular Presence Sensing and Control Messaging With an Ultrasonic Circular Array Sensor. IEEE Sensors Journal, 2015, 15, 4888-4898.	2.4	3
195	Distributed Autoregressive Moving Average Graph Filters. IEEE Signal Processing Letters, 2015, 22, 1931-1935.	2.1	83
196	Research Note: Sparsity-Aware Multiple Microseismic Event Localization Blind to the Source Time-Function. Geophysical Prospecting, 2015, 63, 70-77.	1.0	3
197	To AND or To OR: On Energy-Efficient Distributed Spectrum Sensing With Combined Censoring and Sleeping. IEEE Transactions on Wireless Communications, 2015, 14, 4508-4521.	6.1	41
198	Distributed Sparsity-Aware Sensor Selection. IEEE Transactions on Signal Processing, 2015, 63, 5951-5964.	3.2	29

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199	Limited Feedback Hybrid Precoding for Multi-User Millimeter Wave Systems. IEEE Transactions on Wireless Communications, 2015, 14, 6481-6494.	6.1	912
200	Rigid Body Localization Using Sensor Networks. IEEE Transactions on Signal Processing, 2014, 62, 4911-4924.	3.2	41
201	Underwater acoustic communication using Doppler-resilient orthogonal signal division multiplexing. , 2014, , .		4
202	To AND or To OR: How shall the fusion center rule in energy-constrained cognitive radio networks?. , 2014, , .		9
203	Sensor selection for estimation, filtering, and detection. , 2014, , .		10
204	Spatial rainfall mapping from path-averaged rainfall measurements exploiting sparsity. , 2014, , .		3
205	Near-field source localization using sparse recovery techniques. , 2014, , .		3
206	Double smoothing for time-varying distributed multiuser optimization. , 2014, , .		29
207	Cramér rao lower bound for underwater range estimation with noisy sound speed profile. , 2014, , .		0
208	Compression schemes for time-varying sparse signals. , 2014, , .		2
209	Network Coding for Flooding-Based Routing in Underwater Sensor Networks. , 2014, , .		3
210	Underwater ultra-wideband fingerprinting-based sparse localization. , 2014, , .		1
211	Compressed sensing for block-sparse smooth signals. , 2014, , .		7
212	Convex optimization for joint zero-forcing and antenna selection in multiuser MISO systems. , 2014, , .		4
213	Sparsity-promoting adaptive sensor selection for non-linear filtering. , 2014, , .		22
214	Single-sided adaptive estimation of multi-path millimeter wave channels. , 2014, , .		31
215	Tracking target signal strengths on a grid using sparsity. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.0	8
216	Multi-layer precoding for full-dimensional massive MIMO systems. , 2014, , .		13

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217	Sparsity-aware multi-source RSS localization. Signal Processing, 2014, 101, 174-191.	2.1	15
218	Distributed Maximum Likelihood Sensor Network Localization. IEEE Transactions on Signal Processing, 2014, 62, 1424-1437.	3.2	139
219	Sparsity-Aware Sensor Selection: Centralized and Distributed Algorithms. IEEE Signal Processing Letters, 2014, 21, 217-220.	2.1	45
220	Packet scheduling for underwater acoustic sensor network localization. , 2014, , .		2
221	Cooperative compressive power spectrum estimation. , 2014, , .		7
222	Non-uniform sampling for compressive cyclic spectrum reconstruction. , 2014, , .		8
223	A moving horizon convex relaxation for mobile sensor network localization. , 2014, , .		1
224	Near-field source localization: Sparse recovery techniques and grid matching. , 2014, , .		17
225	Distributed wideband spectrum sensing for cognitive radio networks. , 2014, , .		4
226	Channel Estimation and Hybrid Precoding for Millimeter Wave Cellular Systems. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 831-846.	7.3	1,897
227	Compressive Sampling-Based Multiple Symbol Differential Detection for UWB Communications. IEEE Transactions on Wireless Communications, 2014, 13, 3778-3790.	6.1	19
228	Indoor granular presence sensing with an ultrasonic circular array sensor. , 2014, , .		3
229	Distributed asynchronous time-varying constrained optimization. , 2014, , .		25
230	Target Localization and Tracking for an Isogradient Sound Speed Profile. IEEE Transactions on Signal Processing, 2013, 61, 1434-1446.	3.2	92
231	Compressive Sampling Based Energy Detection of Ultra-Wideband Pulse Position Modulation. IEEE Transactions on Signal Processing, 2013, 61, 3866-3879.	3.2	16
232	Small Sample Size Performance of the Energy Detector. IEEE Communications Letters, 2013, 17, 1814-1817.	2.5	38
233	Sparsity-enforcing sensor selection for DOA estimation. , 2013, , .		43
234	Tracking position and orientation of a mobile rigid body. , 2013, , .		9

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235	Relative velocity estimation using multidimensional scaling. , 2013, , .		2
236	A censoring strategy for decentralized estimation in energy-constrained adaptive diffusion networks. , 2013, , .		16
237	Compressive angular and frequency periodogram reconstruction for multiband signals. , 2013, , .		4
238	Optimization of hard fusion based spectrum sensing for energy-constrained cognitive radio networks. Physical Communication, 2013, 9, 193-198.	1.2	119
239	Wideband Spectrum Sensing From Compressed Measurements Using Spectral Prior Information. IEEE Transactions on Signal Processing, 2013, 61, 6232-6246.	3.2	45
240	Direction of arrival estimation for more correlated sources than active sensors. Signal Processing, 2013, 93, 3435-3448.	2.1	23
241	Censored Truncated Sequential Spectrum Sensing for Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 364-378.	9.7	58
242	Compressive covariance sampling. , 2013, , .		40
243	Zero-forcing pre-equalization with transmit antenna selection in MIMO systems. , 2013, , .		5
244	Multi-Rate Block Transmission Over Wideband Multi-Scale Multi-Lag Channels. IEEE Transactions on Signal Processing, 2013, 61, 964-979.	3.2	23
245	L-MAC: Localization packet scheduling for an underwater acoustic sensor network. , 2013, , .		10
246	Robust sparse embedding and reconstruction via dictionary learning. , 2013, , .		8
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