Lei Huang

List of Publications by Year
in descending order

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184	4,301	117625	144013
papers	citations	34 h-index	57 g-index

185	185	185	2992
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Joint Range and Angle Estimation Using MIMO Radar With Frequency Diverse Array. IEEE Transactions on Signal Processing, 2015, 63, 3396-3410.	5.3	342
2	$ell _{p}$-MUSIC: Robust Direction-of-Arrival Estimator for Impulsive Noise Environments. IEEE Transactions on Signal Processing, 2013, 61, 4296-4308.	5.3	182
3	Iterative Methods for Subspace and DOA Estimation in Nonuniform Noise. IEEE Transactions on Signal Processing, 2016, 64, 3008-3020.	5.3	143
4	Feature-based image registration using the shape context. International Journal of Remote Sensing, 2010, 31, 2169-2177.	2.9	111
5	An Adaptive Range-Angle-Doppler Processing Approach for FDA-MIMO Radar Using Three-Dimensional Localization. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 309-320.	10.8	110
6	Covariance sparsity-aware DOA estimation for nonuniform noise. , 2014, 28, 75-81.		105
7	Source Enumeration Via MDL Criterion Based on Linear Shrinkage Estimation of Noise Subspace Covariance Matrix. IEEE Transactions on Signal Processing, 2013, 61, 4806-4821.	5.3	99
8	Robust Adaptive Beamforming for Fast-Moving Target Detection With FDA-STAP Radar. IEEE Transactions on Signal Processing, 2017, 65, 973-984.	5.3	84
9	Intelligent Reflecting Surface Aided Dual-Function Radar and Communication System. IEEE Systems Journal, 2022, 16, 475-486.	4.6	82
10	Underdetermined DOA Estimation for Wideband Signals Using Robust Sparse Covariance Fitting. IEEE Signal Processing Letters, 2015, 22, 435-439.	3.6	78
11	Reduced-Rank MDL Method for Source Enumeration in High-Resolution Array Processing. IEEE Transactions on Signal Processing, 2007, 55, 5658-5667.	5.3	73
12	Improved Unitary Root-MUSIC for DOA Estimation Based on Pseudo-Noise Resampling. IEEE Signal Processing Letters, 2014, 21, 140-144.	3.6	73
13	Optimum Co-Design of Spectrum Sharing Between MIMO Radar and MIMO Communication Systems: An Interference Alignment Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 11667-11680.	6.3	73
14	Computationally efficient ESPRIT algorithm for direction-of-arrival estimation based on NystrÃ¶m method. Signal Processing, 2014, 94, 74-80.	3.7	67
15	Pattern-Coupled Sparse Bayesian Learning for Inverse Synthetic Aperture Radar Imaging. IEEE Signal Processing Letters, 2015, 22, 1995-1999.	3.6	67
16	Shrinkage Linear and Widely Linear Complex-Valued Least Mean Squares Algorithms for Adaptive Beamforming. IEEE Transactions on Signal Processing, 2015, 63, 119-131.	5.3	65
17	Rao tests for distributed target detection in interference and noise. Signal Processing, 2015, 117, 333-342.	3.7	59
18	Enhanced PUMA for Direction-of-Arrival Estimation and Its Performance Analysis. IEEE Transactions on Signal Processing, 2016, 64, 4127-4137.	5.3	58

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19	Deceptive SAR Jamming Based on 1-bit Sampling and Time-Varying Thresholds. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 939-950.	4.9	57
20	Response Vector Constrained Robust LCMV Beamforming Based on Semidefinite Programming. IEEE Transactions on Signal Processing, 2015, 63, 5720-5732.	5.3	56
21	Low-Sidelobe Range-Angle Beamforming With FDA Using Multiple Parameter Optimization. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 2214-2225.	4.7	56
22	Robust Adaptive Beamforming With Precise Main Beam Control. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 345-356.	4.7	55
23	Convexity of Fairness-Aware Resource Allocation in Wireless Powered Communication Networks. IEEE Communications Letters, 2016, 20, 474-477.	4.1	54
24	Source Enumeration for High-Resolution Array Processing Using Improved Gerschgorin Radii Without Eigendecomposition. IEEE Transactions on Signal Processing, 2008, 56, 5916-5925.	5.3	53
25	Robust One-Bit Bayesian Compressed Sensing with Sign-Flip Errors. IEEE Signal Processing Letters, 2015, 22, 857-861.	3.6	49
26	An Eigenvalue-Moment-Ratio Approach to Blind Spectrum Sensing for Cognitive Radio Under Sample-Starving Environment. IEEE Transactions on Vehicular Technology, 2015, 64, 3465-3480.	6.3	49
27	Direction-of-Arrival Estimation for Coherent Signals Without Knowledge of Source Number. IEEE Sensors Journal, 2014, 14, 3267-3273.	4.7	48
28	Comparison of SAR and optical data in deriving glacier velocity with feature tracking. International Journal of Remote Sensing, 2011, 32, 2681-2698.	2.9	44
29	MMSE-Based MDL Method for Robust Estimation of Number of Sources Without Eigendecomposition. IEEE Transactions on Signal Processing, 2009, 57, 4135-4142.	5.3	42
30	Underdetermined DOA estimation of quasi-stationary signals via Khatriâ€“Rao structure for uniform circular array. Signal Processing, 2015, 106, 41-48.	3.7	41
31	New Approaches to Direction-of-Arrival Estimation With Sensor Arrays in Unknown Nonuniform Noise. IEEE Sensors Journal, 2016, 16, 8982-8989.	4.7	41
32	Detection of number of components in CANDECOMP/PARAFAC models via minimum description length. , 2016, 51, 110-123.		41
33	Bayesian Information Criterion for Source Enumeration in Large-Scale Adaptive Antenna Array. IEEE Transactions on Vehicular Technology, 2016, 65, 3018-3032.	6.3	39
34	Parameter estimation and identifiability in bistatic multiple-input multiple-output radar. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2047-2056.	4.7	38
35	One-Bit SAR Imaging Based on Single-Frequency Thresholds. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7017-7032.	6.3	36
36	On the Outage Probability and Power Control of D2D Underlaying NOMA UAV-Assisted Networks. IEEE Access, 2019, 7, 16525-16536.	4.2	35

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37	Deep neural networks compression learning based on multiobjective evolutionary algorithms. Neurocomputing, 2020, 378, 260-269.	5.9	35
38	Performance Analysis of Volume-Based Spectrum Sensing for Cognitive Radio. IEEE Transactions on Wireless Communications, 2015, 14, 317-330.	9.2	34
39	Performance Analysis of Adaptive Detectors for Point Targets in Subspace Interference and Gaussian Noise. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 429-441.	4.7	34
40	Robust Spectrum Sensing for Noncircular Signal in Multiantenna Cognitive Receivers. IEEE Transactions on Signal Processing, 2015, 63, 498-511.	5.3	33
41	Direction Finding With Partly Calibrated Uniform Linear Arrays in Nonuniform Noise. IEEE Sensors Journal, 2016, 16, 4882-4890.	4.7	33
42	Target Reconstruction From Deceptively Jammed Single-Channel SAR. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 152-167.	6.3	33
43	Volume-based method for spectrum sensing. , 2014, 28, 48-56.		32
44	Performance Improvement of Deception Jamming Against SAR Based on Minimum Condition Number. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1039-1055.	4.9	32
45	MMSE-Based MDL Method for Accurate Source Number Estimation. IEEE Signal Processing Letters, 2009, 16, 798-801.	3.6	31
46	Direction-of-arrival estimation for noncircular sources via structured least squaresâ€“based esprit using three-axis crossed array. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1267-1278.	4.7	31
47	Energy-Efficient Resource Allocation in TDMS Based Wireless Powered Communication Networks. IEEE Communications Letters, 2016, , 1-1.	4.1	31
48	Phase Retrieval Using Feasible Point Pursuit: Algorithms and CramÃ©râ€“Rao Bound. IEEE Transactions on Signal Processing, 2016, 64, 5282-5296.	5.3	31
49	PUMA: An Improved Realization of MODE for DOA Estimation. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 2128-2139.	4.7	30
50	Low-Complexity MDL Method for Accurate Source Enumeration. IEEE Signal Processing Letters, 2007, 14, 581-584.	3.6	29
51	Rangeâ€“angle-decoupled beampattern synthesis with subarray-based frequency diverse array. , 2017, 64, 49-59.		26
52	Uplink Non-Orthogonal Multiple Access With Finite-Alphabet Inputs. IEEE Transactions on Wireless Communications, 2018, 17, 5743-5758.	9.2	26
53	Tensor Approach for Eigenvector-Based Multi-Dimensional Harmonic Retrieval. IEEE Transactions on Signal Processing, 2013, 61, 3378-3388.	5.3	25
54	Accurate Performance Analysis of Hadamard Ratio Test for Robust Spectrum Sensing. IEEE Transactions on Wireless Communications, 2015, 14, 750-758.	9.2	25

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55	Unitary PUMA Algorithm for Estimating the Frequency of a Complex Sinusoid. IEEE Transactions on Signal Processing, 2015, 63, 5358-5368.	5.3	25
56	Single Channel SAR Deception Jamming Suppression via Dynamic Aperture Processing. IEEE Sensors Journal, 2017, 17, 4225-4230.	4.7	25
57	Robust GLRT approaches to signal detection in the presence of spatialâ€“temporal uncertainty. Signal Processing, 2016, 118, 272-284.	3.7	24
58	Robust adaptive beamforming with random steering vector mismatch. Signal Processing, 2016, 129, 190-194.	3.7	23
59	On Convexity of Fairness-Aware Energy-Efficient Power Allocation in Spectrum-Sharing Networks. IEEE Communications Letters, 2016, 20, 534-537.	4.1	23
60	D2D Communication Underlaying UAV on Multiple Bands in Disaster Area: Stochastic Geometry Analysis. IEEE Access, 2019, 7, 156646-156658.	4.2	23
61	Taxonomy and Performance Evaluation of Hybrid Beamforming for 5G and Beyond Systems. IEEE Access, 2020, 8, 74605-74626.	4.2	23
62	Multidimensional Sinusoidal Frequency Estimation Using Subspace and Projection Separation Approaches. IEEE Transactions on Signal Processing, 2012, 60, 5536-5543.	5.3	22
63	Source enumeration for large array using shrinkage-based detectors with small samples. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 344-357.	4.7	22
64	Beampattern Synthesis for Frequency Diverse Array via Reweighted $ell _1$ Iterative Phase Compensation. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 467-475.	4.7	22
65	Matrix completion based direction-of-arrival estimation in nonuniform noise. , 2016, , .		20
66	Robust minimum dispersion distortionless response beamforming against fast-moving interferences. Signal Processing, 2017, 140, 190-197.	3.7	20
67	On Non-Orthogonal Multiple Access With Finite-Alphabet Inputs in Z-Channels. IEEE Journal on Selected Areas in Communications, 2017, 35, 2829-2845.	14.0	20
68	Tensor Completion via Generalized Tensor Tubal Rank Minimization Using General Unfolding. IEEE Signal Processing Letters, 2018, 25, 868-872.	3.6	19
69	Orthogonal tubal rank-1 tensor pursuit for tensor completion. Signal Processing, 2019, 157, 213-224.	3.7	19
70	Joint magnitude and phase constrained STAP approach. , 2015, 46, 32-40.		18
71	Carrier Frequency Offset Estimation in Uplink OFDMA Systems: An Approach Relying on Sparse Recovery. IEEE Transactions on Vehicular Technology, 2017, 66, 9592-9597.	6.3	18
72	Inexact Alternating Optimization for Phase Retrieval in the Presence of Outliers. IEEE Transactions on Signal Processing, 2017, 65, 6069-6082.	5.3	18

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73	Localization of coherent signals without source number knowledge in unknown spatially correlated Gaussian noise. Signal Processing, 2015, 111, 170-178.	3.7	17
74	A robust STAP method for airborne radar with array steering vector mismatch. Signal Processing, 2016, 128, 198-203.	3.7	17
75	Distributed Target Detectors With Capabilities of Mismatched Subspace Signal Rejection. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 888-900.	4.7	17
76	Non-orthogonal multiple access based cooperative spectrum sharing between MIMO radar and MIMO communication systems. , 2018, 83, 107-117.		17
77	Robust Harmonic Retrieval via Block Successive Upper-Bound Minimization. IEEE Transactions on Signal Processing, 2018, 66, 6310-6324.	5.3	16
78	Statistical Performance Analysis of the Adaptive Orthogonal Rejection Detector. IEEE Signal Processing Letters, 2016, 23, 873-877.	3.6	15
79	Joint interference alignment and power allocation for NOMA-based multi-user MIMO systems. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	14
80	An Investigation and Solution of Angle Based Rigid Body Localization. IEEE Transactions on Signal Processing, 2020, 68, 5457-5472.	5.3	14
81	Deep-VFog: When Artificial Intelligence Meets Fog Computing in V2X. IEEE Systems Journal, 2021, 15, 3492-3505.	4.6	14
82	Information Theoretic Criterion for Stopping Turbo Iteration. IEEE Transactions on Signal Processing, 2011, 59, 848-853.	5.3	13
83	Precoding for decentralized detection of unknown deterministic signals. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 2116-2128.	4.7	13
84	SAR and optical images registration using shape context. , 2010, , .		12
85	Approximate Subspace-Based Iterative Adaptive Approach for Fast Two-Dimensional Spectral Estimation. IEEE Transactions on Signal Processing, 2014, 62, 3220-3231.	5.3	12
86	Underdetermined direction-of-departure and direction-of-arrival estimation in bistatic multiple-input multiple-output radar. Signal Processing, 2014, 104, 284-290.	3.7	12
87	An Eigendecomposition-Based Approach to Blind Beamforming in a Multipath Environment. IEEE Communications Letters, 2017, 21, 322-325.	4.1	12
88	Subspace techniques for multidimensional model order selection in colored noise. Signal Processing, 2013, 93, 1976-1987.	3.7	11
89	Inverse Synthetic Aperture Radar Imaging Via Modified Smoothed <formula formulatype="inline"><tex Notation="TeX">L_{0}</tex></formula> Norm. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1235-1238.	4.0	11
90	Time Allocation and Load Balancing in Multi-Cell Wireless Powered Communication Networks. IEEE Access, 2016, 4, 7795-7805.	4.2	11

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91	Joint Beamforming Design and Receive Antenna Selection for Large-Scale MIMO Wiretap Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 2716-2730.	6.3	11
92	Clutter Rank Analysis in Airborne FDA-MIMO Radar With Range Ambiguity. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1416-1430.	4.7	11
93	Core consistency diagnostic aided by reconstruction error for accurate enumeration of the number of components in parafac models. , 2013, , .		10
94	Two-step reliability test based unitary root-MUSIC for direction-of-arrival estimation. , 2015, 44, 68-75.		10
95	Performance Analysis of Locally Most Powerful Invariant Test for Sphericity of Gaussian Vectors in Coherent MIMO Radar. IEEE Transactions on Vehicular Technology, 2018, 67, 5868-5882.	6.3	10
96	Performance analysis of reduced-dimension subspace signal filtering and detection in sample-starved environment. Journal of the Franklin Institute, 2019, 356, 629-653.	3.4	10
97	Robust Spectral Analysis of Multi-Channel Sinusoidal Signals in Impulsive Noise Environments. IEEE Transactions on Signal Processing, 2022, 70, 919-935.	5.3	10
98	Computationally Efficient Direction-of-Arrival Estimation Based on Partial A Priori Knowledge of Signal Sources. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	9
99	Extraction of glacier outlines and water-eroded stripes using high-resolution SAR imagery. International Journal of Remote Sensing, 2016, 37, 1016-1034.	2.9	9
100	Approximate Asymptotic Distribution of Locally Most Powerful Invariant Test for Independence: Complex Case. IEEE Transactions on Information Theory, 2018, 64, 1784-1799.	2.4	9
101	Compressive sampling for spectrally sparse signal recovery via one-bit random demodulator. , 2018, 81, 1-7.		9
102	One-Bit Spectrum Sensing Based on Statistical Covariances: Eigenvalue Moment Ratio Approach. IEEE Wireless Communications Letters, 2021, 10, 2474-2478.	5.0	9
103	DOA estimation under the coexistence of nonuniform noise and mutual coupling. , 2015, , .		8
104	A Robust Iteratively Reweighted $ell _2$ Approach for Spectral Compressed Sensing in Impulsive Noise. IEEE Signal Processing Letters, 2017, 24, 938-942.	3.6	8
105	Energy efficient power allocation for co-located antenna systems with D2D communication. AEU - International Journal of Electronics and Communications, 2018, 83, 100-105.	2.9	8
106	Performance analysis of G-MUSIC based DOA estimator with random linear array: A single source case. Signal Processing, 2018, 142, 513-521.	3.7	8
107	Joint Beamforming and Relay Selection in AF Two-Way Relay Networks With Energy Transfer. IEEE Systems Journal, 2020, 14, 2597-2600.	4.6	8
108	Target Reconstruction Against Deceptive Jamming for Single-Channel SAR: An Imagery Domain Approach. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	8

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109	Low-Complexity Esprit Method for Direction Finding. , 0, , .		7
110	Joint angle and frequency estimation using structured least squares. , 2014, , .		7
111	Gerschgorin disk-based robust spectrum sensing for cognitive radio. , 2014, , .		7
112	SAR deception jamming identification via differential feature enhancement. , 2016, , .		7
113	Tensor Approach to DOA Estimation of Coherent Signals with Electromagnetic Vector-Sensor Array. Sensors, 2018, 18, 4320.	3.8	7
114	Robust STAP Based on Magnitude and Phase Constrained Iterative Optimization. IEEE Sensors Journal, 2019, 19, 8650-8656.	4.7	7
115	Sparse Bayesian Learning Assisted CFO Estimation Using Nonnegative Laplace Priors. IEEE Transactions on Vehicular Technology, 2019, 68, 6151-6155.	6.3	7
116	A many-objective evolutionary algorithm with epsilon-indicator direction vector. Applied Soft Computing Journal, 2019, 76, 326-355.	7.2	7
117	Target Reconstruction in Deceptively Jammed SAR via ADMM. IEEE Sensors Journal, 2019, 19, 4331-4339.	4.7	7
118	Strategy for SAR Imaging Quality Improvement With Low-Precision Sampled Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3150-3160.	6.3	7
119	Physical-Layer Authentication in Wirelessly Powered Communication Networks. IEEE/ACM Transactions on Networking, 2021, 29, 1827-1840.	3.8	7
120	A multi-dimensional model order selection criterion with improved identifiability. , 2012, , .		6
121	Efficient source enumeration for accurate direction-of-arrival estimation in threshold region. , 2013, 23, 1668-1677.		6
122	An improved cross-correlation approach to parameter estimation based on fractional Fourier transform for ISAR motion compensation. , 2015, , .		6
123	An Efficient Polarimetric SAR Calibration Algorithm Using Corner Reflectors. Canadian Journal of Remote Sensing, 2017, 43, 286-296.	2.4	6
124	Design of Reconfigurable SDR Platform for Antenna Selection Aided MIMO Communication System. IEEE Access, 2019, 7, 169267-169280.	4.2	6
125	Privacy-Aware Sensor Network Via Multilayer Nonlinear Processing. IEEE Internet of Things Journal, 2019, 6, 10834-10845.	8.7	6
126	A quad polarimetric SAR calibration algorithm using rotation symmetry. International Journal of Remote Sensing, 2019, 40, 3787-3807.	2.9	6

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127	Detection of Information Hiding at Anti-Copying 2D Barcodes. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 437-450.	8.3	6
128	One-bit splitting deceptive jamming against SAR. Defence Technology, 2022, 18, 1760-1777.	4.2	6
129	Quality analysis and improvement of polarimetric synthetic aperture radar (SAR) images from the GaoFen-3 satellite using the Amazon rainforest as an example. International Journal of Remote Sensing, 2021, 42, 2131-2154.	2.9	6
130	A Low-Complexity Nyström-Based Algorithm for Array Subspace Estimation. , 2012, , .		5
131	A robust beamformer with main beam control. , 2016, , .		5
132	Sparse Blind Speech Deconvolution with Dynamic Range Regularization and Indicator Function. Circuits, Systems, and Signal Processing, 2017, 36, 4145-4160.	2.0	5
133	Accurate and computationally efficient interpolation-based method for two-dimensional harmonic retrieval. , 2018, 78, 108-120.		5
134	Sensing Matrix Design for MMV Compressive Sensing: An MVDR Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 8601-8612.	6.3	5
135	Space-Time Coding Technique for Coherent Frequency Diverse Array. IEEE Transactions on Signal Processing, 2021, 69, 5994-6008.	5.3	5
136	Iteratively reweighted tensor SVD for robust multi-dimensional harmonic retrieval. , 2016, , .		4
137	Scattering Property Analysis of Supraglacial Debris Using Target Decomposition on Polarimetric SAR Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1843-1852.	4.9	4
138	Multiantenna Assisted Source Detection in Toeplitz Noise Covariance. IEEE Signal Processing Letters, 2019, 26, 813-817.	3.6	4
139	Positional Perturbations Analysis for Micro-UAV Array With Relative Position-Based Formation. IEEE Communications Letters, 2021, 25, 2918-2922.	4.1	4
140	A super resolution target separation and reconstruction approach for single channel sar against deceptive jamming. Defence Technology, 2023, 21, 164-175.	4.2	4
141	Low complexity keystone transform without interpolation for dim moving target detection. , 2011, , .		3
142	Joint direction-of-arrival and frequency estimation without source enumeration. , 2015, , .		3
143	Least squares phase retrieval using feasible point pursuit. , 2016, , .		3
144	On Proportional Fairness in Power Allocation for Two-Tone Spectrum-Sharing Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 10090-10096.	6.3	3

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145	Sparse Recovery Assisted Doa Estimation Utilizing Sparse Bayesian Learning. , 2018, , .		3
146	Lens Antenna Arrays Aided Co-Existing Radar and Communication Systems With Energy Harvesting. IEEE Access, 2020, 8, 56160-56169.	4.2	3
147	Room Geometry Estimation Using the Multipath Delays. IEEE Signal Processing Letters, 2021, 28, 1380-1384.	3.6	3
148	Maximum likelihood approach to DoA estimation using lens antenna array. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	3
149	Low-complexity method of weighted subspace fitting for direction estimation. , 0, , .		2
150	Recursion Subspace-Based Method for Bearing Estimation. , 2007, , .		2
151	Robust widely linear adaptive MVDR beamformer based on interference-plus-noise covariance matrix and steering vector estimation. , 2015, , .		2
152	Interpolation array technique for direction finding via Taylor series fitting. , 2015, , .		2
153	An improved approach to robust capon beamforming with enhanced performance. , 2016, , .		2
154	Multi-users space-time modulation with QAM division for massive uplink communications. , 2017, , .		2
155	Accurate signal detection for BPSK-OFDM systems in time-varying channels. , 2017, 60, 370-379.		2
156	Direction-of-Arrival Estimation for Uniform Rectangular Array: A Multilinear Projection Approach. , 2018, , .		2
157	A Fast Gradient-Based Iterative Algorithm for Undersampled Phase Retrieval. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2086-2090.	4.7	2
158	Deep Learning Based Antenna Selection Aided Space-Time Shift Keying Systems. , 2019, , .		2
159	Carrier Phase Recovery for Array Navigation Receiver: A Fast Phase Retrieval Approach. IEEE Access, 2019, 7, 179385-179395.	4.2	2
160	Optimal Eigenspace-Based Widely Linear Beamformer for Noncircular Signals. , 2013, , .		1
161	Robust Widely Linear Reduced-Rank Adaptive Beamforming Based on Joint Iterative Optimization. , 2014, , .		1
162	Improved cumulant-based methods for direction finding with mutual coupling effect. , 2015, , .		1

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163	A novel worst-case robust beamformer based on interference-plus-noise covariance reconstruction and uncertainty level estimation. , 2015, , .		1
164	Iteratively reweighted sparse reconstruction in impulsive noise. , 2015, , .		1
165	â„“<inf>p</inf>-PARAFAC for joint DOD and DOA estimation in bistatic MIMO radar. , 2016, , .		1
166	Inexact alternating optimization for phase retrieval with outliers. , 2016, , .		1
167	Accurate asymptotic analysis for John's test in multichannel signal detection. , 2016, , .		1
168	Computationally efficient puma algorithm for two-dimensional frequency estimation of a single-tone via dft beamspace transformation. , 2016, , .		1
169	Multidimensional folding for sinusoidal order selection. , 2016, 48, 349-360.		1
170	Energy-Efficient Device-to-Device Communication Overlaying Cellular Networks with Cluster Relays. Journal of Physics: Conference Series, 2018, 1069, 012060.	0.4	1
171	An Undersampled Phase Retrieval Algorithm via Gradient Iteration. , 2018, , .		1
172	Robust Spectrum Estimation via Majorization Minimization. , 2018, , .		1
173	Anomaly Detection for Water Supply Data using Machine Learning Technique. Journal of Physics: Conference Series, 2019, 1345, 022054.	0.4	1
174	Robust estimation of the number of sources using an MMSE-based MDL method. , 2009, , .		1
175	Estimation of the Number of Sources by Using an MMSE-Based MDL Criterion without Eigendecomposition. , 2009, , .		0
176	High-Resolution Direction Finding for MIMO Radar Systems without Eigendecomposition. , 2011, , .		0
177	BPSK-OFDM signal detection in time-varying channels using prior information. , 2015, , .		0
178	Sparse recovery of multiple measurement vectors in impulsive noise: A smooth block successive minimization algorithm. , 2016, , .		0
179	A new sparse Bayesian learning method for inverse synthetic aperture radar imaging via exploiting cluster patterns. , 2016, , .		0
180	Robust MDDR beamforming for sub-Gaussian signals in the presence of fast-moving interferences. , 2017, , .		0

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181	Synthesis of Waveform Covariance Matrix for MIMO Radar Transmit Beampatterns: LASSO and IRLS Approaches. , 2018, , .		0
182	PARAFAC-based Robust Localization for Bistatic MIMO Radar with partially available measurements. , 2018, , .		0
183	An Admm Based Target Reconstruction Approach for Deceptively Jammed Sar. , 2018, , .		0
184	Finite-Alphabet Noma for Two-User Uplink Channel. , 2018, , .		0