Hongbin Li

List of Publications by Year in descending order

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		53660	79541
247 papers	6,553 citations	45 h-index	73 g-index

247 all docs	247 docs citations	247 times ranked	3756 citing authors

#	Article	IF	Citations
1	MIMO Radar Waveform Design With Constant Modulus and Similarity Constraints. IEEE Transactions on Signal Processing, 2014, 62, 343-353.	3.2	357
2	Compressed Channel Estimation for Intelligent Reflecting Surface-Assisted Millimeter Wave Systems. IEEE Signal Processing Letters, 2020, 27, 905-909.	2.1	285
3	Multiantenna-Assisted Spectrum Sensing for Cognitive Radio. IEEE Transactions on Vehicular Technology, 2010, 59, 1791-1800.	3.9	274
4	Intelligent Reflecting Surface-Assisted Millimeter Wave Communications: Joint Active and Passive Precoding Design. IEEE Transactions on Vehicular Technology, 2020, 69, 14960-14973.	3.9	270
5	Pattern-Coupled Sparse Bayesian Learning for Recovery of Block-Sparse Signals. IEEE Transactions on Signal Processing, 2015, 63, 360-372.	3.2	176
6	Low-Rank Tensor Decomposition-Aided Channel Estimation for Millimeter Wave MIMO-OFDM Systems. IEEE Journal on Selected Areas in Communications, 2017, 35, 1524-1538.	9.7	169
7	Moving Target Detection Using Distributed MIMO Radar in Clutter With Nonhomogeneous Power. IEEE Transactions on Signal Processing, 2011, 59, 4809-4820.	3.2	155
8	Intelligent Power Control for Spectrum Sharing in Cognitive Radios: A Deep Reinforcement Learning Approach. IEEE Access, 2018, 6, 25463-25473.	2.6	139
9	Transmit Subaperturing for MIMO Radars With Co-Located Antennas. IEEE Journal on Selected Topics in Signal Processing, 2010, 4, 55-65.	7.3	132
10	Super-Resolution Compressed Sensing for Line Spectral Estimation: An Iterative Reweighted Approach. IEEE Transactions on Signal Processing, 2016, 64, 4649-4662.	3.2	130
11	Millimeter Wave Channel Estimation via Exploiting Joint Sparse and Low-Rank Structures. IEEE Transactions on Wireless Communications, 2018, 17, 1123-1133.	6.1	111
12	Capon multiuser receiver for CDMA systems with space-time coding. IEEE Transactions on Signal Processing, 2002, 50, 1193-1204.	3.2	103
13	A Parametric Moving Target Detector for Distributed MIMO Radar in Non-Homogeneous Environment. IEEE Transactions on Signal Processing, 2013, 61, 2282-2294.	3.2	101
14	Moving Target Detection Using Colocated MIMO Radar on Multiple Distributed Moving Platforms. IEEE Transactions on Signal Processing, 2017, 65, 4670-4683.	3.2	100
15	Differential Modulation for Cooperative Wireless Systems. IEEE Transactions on Signal Processing, 2007, 55, 2273-2283.	3.2	98
16	Joint Transceiver and Large Intelligent Surface Design for Massive MIMO mmWave Systems. IEEE Transactions on Wireless Communications, 2021, 20, 1052-1064.	6.1	97
17	Two Target Detection Algorithms for Passive Multistatic Radar. IEEE Transactions on Signal Processing, 2014, 62, 5930-5939.	3.2	93
18	Joint Optimization of Transmit and Receive Beamforming in Active Arrays. IEEE Signal Processing Letters, 2014, 21, 39-42.	2.1	91

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19	Channel Estimation for Millimeter-Wave Multiuser MIMO Systems via PARAFAC Decomposition. IEEE Transactions on Wireless Communications, 2016, 15, 7501-7516.	6.1	81
20	Joint Delay and Doppler Estimation for Passive Sensing With Direct-Path Interference. IEEE Transactions on Signal Processing, 2016, 64, 630-640.	3.2	78
21	Parametric GLRT for Multichannel Adaptive Signal Detection. IEEE Transactions on Signal Processing, 2007, 55, 5351-5360.	3.2	76
22	Distributed Adaptive Quantization for Wireless Sensor Networks: From Delta Modulation to Maximum Likelihood. IEEE Transactions on Signal Processing, 2008, 56, 5246-5257.	3.2	76
23	Signal detection with noisy reference for passive sensing. Signal Processing, 2015, 108, 389-399.	2.1	74
24	Low-Rank Covariance-Assisted Downlink Training and Channel Estimation for FDD Massive MIMO Systems. IEEE Transactions on Wireless Communications, 2017, 16, 1935-1947.	6.1	74
25	One-Bit Quantizer Design for Multisensor GLRT Fusion. IEEE Signal Processing Letters, 2013, 20, 257-260.	2.1	69
26	Pattern-Coupled Sparse Bayesian Learning for Inverse Synthetic Aperture Radar Imaging. IEEE Signal Processing Letters, 2015, 22, 1995-1999.	2.1	67
27	Distributed Adaptive Quantization and Estimation for Wireless Sensor Networks. IEEE Signal Processing Letters, 2007, 14, 669-672.	2.1	66
28	On the performance of the cross-correlation detector for passive radar applications. Signal Processing, 2015, 113, 32-37.	2.1	64
29	Moving Target Detection in Distributed MIMO Radar on Moving Platforms. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1524-1535.	7.3	63
30	Modified Rao Test for Multichannel Adaptive Signal Detection. IEEE Transactions on Signal Processing, 2016, 64, 714-725.	3.2	62
31	Persymmetric Parametric Adaptive Matched Filter for Multichannel Adaptive Signal Detection. IEEE Transactions on Signal Processing, 2012, 60, 3322-3328.	3.2	61
32	Knowledge-Aided Range-Spread Target Detection for Distributed MIMO Radar in Nonhomogeneous Environments. IEEE Transactions on Signal Processing, 2017, 65, 617-627.	3.2	61
33	Super-Resolution Compressed Sensing: An Iterative Reweighted Algorithm for Joint Parameter Learning and Sparse Signal Recovery. IEEE Signal Processing Letters, 2014, 21, 761-765.	2.1	59
34	Robust Gaussian Kalman Filter With Outlier Detection. IEEE Signal Processing Letters, 2018, 25, 1236-1240.	2.1	58
35	Power Allocation and Co-Design of Multicarrier Communication and Radar Systems for Spectral Coexistence. IEEE Transactions on Signal Processing, 2019, 67, 3818-3831.	3.2	54
36	Hyperplane-Based Vector Quantization for Distributed Estimation in Wireless Sensor Networks. IEEE Transactions on Information Theory, 2009, 55, 5682-5699.	1.5	53

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37	A New Parametric GLRT for Multichannel Adaptive Signal Detection. IEEE Transactions on Signal Processing, 2010, 58, 317-325.	3.2	53
38	Robust One-Bit Bayesian Compressed Sensing with Sign-Flip Errors. IEEE Signal Processing Letters, 2015, 22, 857-861.	2.1	49
39	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.	3.9	49
40	Power constrained distributed estimation with cluster-based sensor collaboration. IEEE Transactions on Wireless Communications, 2009, 8, 3822-3832.	6.1	48
41	Multipixel Anomaly Detection With Unknown Patterns for Hyperspectral Imagery. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5557-5567.	7.2	48
42	Power Constrained Distributed Estimation With Correlated Sensor Data. IEEE Transactions on Signal Processing, 2009, 57, 3292-3297.	3.2	47
43	Knowledge-Aided Parametric Tests for Multichannel Adaptive Signal Detection. IEEE Transactions on Signal Processing, 2011, 59, 5970-5982.	3.2	47
44	Fast Inverse-Free Sparse Bayesian Learning via Relaxed Evidence Lower Bound Maximization. IEEE Signal Processing Letters, 2017, 24, 774-778.	2.1	46
45	A Bayesian Parametric Test for Multichannel Adaptive Signal Detection in Nonhomogeneous Environments. IEEE Signal Processing Letters, 2010, 17, 351-354.	2.1	45
46	Exact Reconstruction Analysis of Log-Sum Minimization for Compressed Sensing. IEEE Signal Processing Letters, 2013, 20, 1223-1226.	2.1	44
47	Quantizer Design for Distributed GLRT Detection of Weak Signal in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2015, 14, 2032-2042.	6.1	44
48	Adaptive Transmit and Receive Beamforming for Interference Mitigation. IEEE Signal Processing Letters, 2014, 21, 235-239.	2.1	39
49	One-Bit Quantization Design and Channel Estimation for Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 10921-10934.	3.9	39
50	An Efficient Bayesian PAPR Reduction Method for OFDM-Based Massive MIMO Systems. IEEE Transactions on Wireless Communications, 2016, 15, 4183-4195.	6.1	37
51	Optimal/Near-Optimal Dimensionality Reduction for Distributed Estimation in Homogeneous and Certain Inhomogeneous Scenarios. IEEE Transactions on Signal Processing, 2010, 58, 4339-4353.	3.2	35
52	Multistatic Detection for Passive Radar With Direct-Path Interference. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 915-925.	2.6	35
53	Fast Low-Rank Bayesian Matrix Completion With Hierarchical Gaussian Prior Models. IEEE Transactions on Signal Processing, 2018, 66, 2804-2817.	3.2	34
54	Distributed Estimation of Gauss - Markov Random Fields With One-Bit Quantized Data. IEEE Signal Processing Letters, 2010, 17, 449-452.	2.1	33

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55	Knowledge-Aided Adaptive Coherence Estimator in Stochastic Partially Homogeneous Environments. IEEE Signal Processing Letters, 2011, 18, 193-196.	2.1	33
56	Fast Beam Alignment for Millimeter Wave Communications: A Sparse Encoding and Phaseless Decoding Approach. IEEE Transactions on Signal Processing, 2019, 67, 4402-4417.	3.2	32
57	Deep Learning Denoising Based Line Spectral Estimation. IEEE Signal Processing Letters, 2019, 26, 1573-1577.	2.1	32
58	Performance of Cooperative Relay With Binary Modulation in Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2008, 57, 3310-3315.	3.9	31
59	Target Detection With Imperfect Waveform Separation in Distributed MIMO Radar. IEEE Transactions on Signal Processing, 2020, 68, 793-807.	3.2	31
60	Decoupled multiuser code-timing estimation for code-division multiple-access communication systems. IEEE Transactions on Communications, 2001, 49, 1425-1436.	4.9	30
61	Robust multiuser detection for multicarrier CDMA systems. IEEE Journal on Selected Areas in Communications, 2006, 24, 673-683.	9.7	30
62	Parametric Rao Tests for Multichannel Adaptive Detection in Partially Homogeneous Environment. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 1850-1862.	2.6	30
63	Robust Bayesian compressed sensing with outliers. Signal Processing, 2017, 140, 104-109.	2.1	30
64	Blind Sub-Nyquist Spectrum Sensing With Modulated Wideband Converter. IEEE Transactions on Vehicular Technology, 2018, 67, 4278-4288.	3.9	30
65	Phased-Array-Based Sub-Nyquist Sampling for Joint Wideband Spectrum Sensing and Direction-of-Arrival Estimation. IEEE Transactions on Signal Processing, 2018, 66, 6110-6123.	3.2	28
66	Distributed Consensus With Quantized Data via Sequence Averaging. IEEE Transactions on Signal Processing, 2010, 58, 944-948.	3.2	27
67	Joint Active and Passive Beamforming for IRS-Assisted Radar. IEEE Signal Processing Letters, 2022, 29, 349-353.	2.1	27
68	Blind channel estimation for multicarrier systems with narrowband interference suppression. IEEE Communications Letters, 2003, 7, 326-328.	2.5	26
69	Joint Dimension Assignment and Compression for Distributed Multisensor Estimation. IEEE Signal Processing Letters, 2008, 15, 174-177.	2.1	25
70	Performance of Instantaneous Frequency Rate Estimation Using High-Order Phase Function. IEEE Transactions on Signal Processing, 2010, 58, 2415-2421.	3.2	25
71	Knowledge-Aided Parametric Adaptive Matched Filter With Automatic Combining for Covariance Estimation. IEEE Transactions on Signal Processing, 2014, 62, 4713-4722.	3.2	25
72	Fast Compressed Power Spectrum Estimation: Toward a Practical Solution for Wideband Spectrum Sensing. IEEE Transactions on Wireless Communications, 2020, 19, 520-532.	6.1	25

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73	Signal Detection in Distributed MIMO Radar With Non-Orthogonal Waveforms and Sync Errors. IEEE Transactions on Signal Processing, 2021, 69, 3671-3684.	3.2	25
74	Sparse signal recovery from one-bit quantized data: An iterative reweighted algorithm. Signal Processing, 2014, 102, 201-206.	2.1	24
75	On the Conjugate Gradient Matched Filter. IEEE Transactions on Signal Processing, 2012, 60, 2660-2666.	3.2	23
76	Maximum Correntropy Derivative-Free Robust Kalman Filter and Smoother. IEEE Access, 2018, 6, 70794-70807.	2.6	23
77	Joint Power Allocation for Radar and Communication Co-Existence. IEEE Signal Processing Letters, 2019, 26, 1608-1612.	2.1	23
78	Differential and coherent decorrelating multiuser receivers for space-time-coded CDMA systems. IEEE Transactions on Signal Processing, 2002, 50, 2529-2537.	3.2	22
79	Predecision for Wideband Spectrum Sensing With Sub-Nyquist Sampling. IEEE Transactions on Vehicular Technology, 2017, 66, 6908-6920.	3.9	22
80	Joint Transmit and Receive Beamforming for Hybrid Activeâ€“Passive Radar. IEEE Signal Processing Letters, 2017, 24, 779-783.	2.1	22
81	Sparse Bayesian dictionary learning with a Gaussian hierarchical model. Signal Processing, 2017, 130, 93-104.	2.1	22
82	Joint Waveform and Receiver Design for Co-Channel Hybrid Active-Passive Sensing With Timing Uncertainty. IEEE Transactions on Signal Processing, 2020, 68, 466-477.	3.2	22
83	Parametric adaptive signal detection for hyperspectral imaging. IEEE Transactions on Signal Processing, 2006, 54, 2704-2715.	3.2	20
84	Optimal Precoding Design and Power Allocation for Decentralized Detection of Deterministic Signals. IEEE Transactions on Signal Processing, 2012, 60, 3149-3163.	3.2	20
85	Identifying unambiguous frequency pattern for target localisation using frequency diverse array. Electronics Letters, 2017, 53, 1331-1333.	0.5	20
86	Signal Parameter Estimation for Passive Bistatic Radar With Waveform Correlation Exploitation. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1135-1150.	2.6	20
87	Power Allocation for Coexisting Multicarrier Radar and Communication Systems in Cluttered Environments. IEEE Transactions on Signal Processing, 2021, 69, 1603-1613.	3.2	20
88	Differential space-code modulation for interference suppression. IEEE Transactions on Signal Processing, 2001, 49, 1786-1795.	3.2	19
89	Adaptive Subspace Tests for Multichannel Signal Detection in Auto-Regressive Disturbance. IEEE Transactions on Signal Processing, 2018, 66, 5577-5587.	3.2	19
90	Instantaneous Frequency Rate Estimation for High-Order Polynomial-Phase Signals. IEEE Signal Processing Letters, 2009, 16, 782-785.	2.1	18

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91	Multistatic passive detection with parametric modeling of the IO waveform. Signal Processing, 2017, 141, 187-198.	2.1	18
92	Polarimetric Detection in Compound Gaussian Clutter With Kronecker Structured Covariance Matrix. IEEE Transactions on Signal Processing, 2017, 65, 4562-4576.	3.2	18
93	Maximum Likelihood Delay and Doppler Estimation for Passive Sensing. IEEE Sensors Journal, 2019, 19, 180-188.	2.4	18
94	Fast Beam Training and Alignment for IRS-Assisted Millimeter Wave/Terahertz Systems. IEEE Transactions on Wireless Communications, 2022, 21, 2710-2724.	6.1	18
95	Conjugate Gradient Parametric Detection of Multichannel Signals. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 1521-1536.	2.6	17
96	Adaptive Subspace Signal Detection with Uncertain Partial Prior Knowledge. IEEE Transactions on Signal Processing, 2017, 65, 4394-4405.	3.2	17
97	Hybrid Precoding and Combining for Millimeter Wave/Sub-THz MIMO-OFDM Systems With Beam Squint Effects. IEEE Transactions on Vehicular Technology, 2021, 70, 8314-8319.	3.9	17
98	Differential space-time modulation over frequency-selective channels. IEEE Transactions on Signal Processing, 2005, 53, 2228-2242.	3.2	16
99	Detection With Target-Induced Subspace Interference. IEEE Signal Processing Letters, 2012, 19, 403-406.	2.1	16
100	Threshold Setting for Adaptive Matched Filter and Adaptive Coherence Estimator. IEEE Signal Processing Letters, 2015, 22, 11-15.	2.1	16
101	Filterbank-based blind code synchronization for ds-cdma systems in multipath fading channels. IEEE Transactions on Signal Processing, 2003, 51, 160-171.	3.2	15
102	A Direct-Path Interference Resistant Passive Detector. IEEE Signal Processing Letters, 2017, 24, 818-822.	2.1	15
103	Bayesian mmWave Channel Estimation via Exploiting Joint Sparse and Low-Rank Structures. IEEE Access, 2019, 7, 48961-48970.	2.6	15
104	Joint Precoder Design for Distributed Transmission of Correlated Sources in Sensor Networks. IEEE Transactions on Wireless Communications, 2013, 12, 2918-2929.	6.1	14
105	Transmit Subaperturing for MIMO Radars with Nested Arrays. Signal Processing, 2017, 134, 244-248.	2.1	14
106	Derivative-free Huberâ€“Kalman smoothing based on alternating minimization. Signal Processing, 2019, 163, 115-122.	2.1	13
107	Training Data Assisted Anomaly Detection of Multi-Pixel Targets In Hyperspectral Imagery. IEEE Transactions on Signal Processing, 2020, 68, 3022-3032.	3.2	13
108	MMSE detection for space-time coded MC-CDMA. , 0, , .		12

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109	Hyperspectral Anomaly Detection With Tensor Average Rank and Piecewise Smoothness Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8679-8692.	7.2	12
110	A Sparsity-Based Passive Multistatic Detector. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 3658-3666.	2.6	11
111	Maximum Likelihood and IRLS Based Moving Source Localization with Distributed Sensors. IEEE Transactions on Aerospace and Electronic Systems, 2020, , 1-1.	2.6	11
112	A Variational Bayesian Inference-Inspired Unrolled Deep Network for MIMO Detection. IEEE Transactions on Signal Processing, 2022, 70, 423-437.	3.2	11
113	Code-Timing Estimation for CDMA Systems With Bandlimited Chip Waveforms. IEEE Transactions on Wireless Communications, 2004, 3, 1338-1349.	6.1	10
114	Transmit design and DOA estimation for wideband MIMO system with colocated nested arrays. Signal Processing, 2018, 152, 63-68.	2.1	10
115	Joint Design of Transmit and Receive Beamforming for Transmit Subaperturing MIMO Radar. IEEE Signal Processing Letters, 2019, 26, 1648-1652.	2.1	10
116	A unified framework for M-estimation based robust Kalman smoothing. Signal Processing, 2019, 158, 61-65.	2.1	10
117	Low-Complexity Joint Transmit and Receive Beamforming for MIMO Radar With Multi-Targets. IEEE Signal Processing Letters, 2020, 27, 1410-1414.	2.1	10
118	Efficient Beamforming Training and Channel Estimation for Millimeter Wave OFDM Systems. IEEE Transactions on Wireless Communications, 2021, 20, 2805-2819.	6.1	10
119	An adaptive quantization scheme for distributed consensus. , 2009, , .		9
120	Average consensus with weighting matrix design for quantized communication on directed switching graphs. International Journal of Adaptive Control and Signal Processing, 2013, 27, 519-540.	2.3	9
121	Waveform design for MIMO radar with constant modulus and similarity constraints. , 2014, , .		9
122	Channel Compensation for Reciprocal TDD Massive MIMO-OFDM With IQ Imbalance. IEEE Wireless Communications Letters, 2017, 6, 778-781.	3.2	9
123	Off-Grid Fundamental Frequency Estimation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 296-303.	4.0	9
124	Detection Performance of Distributed MIMO Radar with Asynchronous Propagation and Timing/Phase Errors. , 2020, , .		9
125	An Efficient Method for Cooperative Multi-Target Localization in Automotive Radar. IEEE Signal Processing Letters, 2022, 29, 16-20.	2.1	9
126	Transmit diversity and linear and decision-feedback equalizations for frequency-selective fading channels. IEEE Transactions on Vehicular Technology, 2003, 52, 1217-1231.	3.9	8

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127	Parameter estimation of linear frequency-modulated signals using integrated cubic phase function. , 2008, , .		8
128	SBA: An Efficient Algorithm for Address Assignment in ZigBee Networks. Wireless Personal Communications, 2013, 71, 719-734.	1.8	8
129	A one-bit reweighted iterative algorithm for sparse signal recovery. , 2013, , .		8
130	Secondary User Access Control in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 2866-2873.	9.7	8
131	Graph Simplification-Aided ADMM for Decentralized Composite Optimization. IEEE Transactions on Cybernetics, 2019, 51, 1-14.	6.2	8
132	An Overview of Parametric Modeling and Methods for Radar Target Detection With Limited Data. IEEE Access, 2021, 9, 60459-60469.	2.6	8
133	Compressed Channel Estimation for IRS-Assisted Millimeter Wave OFDM Systems: A Low-Rank Tensor Decomposition-Based Approach. IEEE Wireless Communications Letters, 2022, 11, 1258-1262.	3.2	8
134	Decode-Based Differential Modulation for Wireless Relay Networks. , 0, , .		7
135	A simplified parametric GLRT for STAP detection. , 2009, , .		7
136	Block-sparsity pattern recovery from noisy observations. , 2012, , .		7
137	Pattern-coupled sparse Bayesian learning for recovery of block-sparse signals. , 2014, , .		7
138	Distributed Target Detection Based on the Volume Cross-Correlation Function. IEEE Signal Processing Letters, 2018, 25, 1785-1789.	2.1	7
139	Adaptive Subspace Signal Detection With Uncertain Partial Prior Knowledge: Off-Grid Problem and Efficient Implementation. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 558-571.	2.6	7
140	Millimeter Wave Cell-Free Massive MIMO Systems: Joint Beamforming and AP-User Association. IEEE Wireless Communications Letters, 2022, 11, 298-302.	3.2	7
141	An algebraic approach to blind carrier offset and code timing estimation for DS-CDMA systems. IEEE Signal Processing Letters, 2003, 10, 32-34.	2.1	6
142	Blind code-timing estimation for CDMA systems with bandlimited chip waveforms in multipath fading channels. IEEE Transactions on Communications, 2006, 54, 141-149.	4.9	6
143	Modeling and simulation of fading, pathloss, and shadowing in wireless networks. , 2009, , .		6
144	Robust Channel Estimation and Detection for Single-Carrier and Multicarrier Block Transmission Systems. IEEE Transactions on Vehicular Technology, 2010, 59, 662-672.	3.9	6

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145	Cooperative Spectrum Sensing With Location Information. IEEE Transactions on Vehicular Technology, 2012, 61, 3015-3024.	3.9	6
146	Maximum Likelihood Synchronization for DVB-T2 in Unknown Fading Channels. IEEE Transactions on Broadcasting, 2015, 61, 615-624.	2.5	6
147	Introduction to the Issue on Advanced Signal Processing Techniques for Radar Applications. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1363-1365.	7.3	6
148	Localized Low-Rank Promoting for Recovery of Block-Sparse Signals With Intrablock Correlation. IEEE Signal Processing Letters, 2016, 23, 1399-1403.	2.1	6
149	Laplace â„“<inf>1</inf> robust Kalman filter based on majorization minimization. , 2017, , .		6
150	Multiantenna-Assisted Wideband Spectrum Sensing Based on Sub-Nyquist Sampling. IEEE Wireless Communications Letters, 2021, 10, 795-799.	3.2	6
151	Two-dimensional system identification using amplitude estimation. IEEE Signal Processing Letters, 2002, 9, 61-63.	2.1	5
152	Performance of Decode-Based Differential Modulation for Wireless Relay Networks in Nakagami-m Channels. , 0, , .		5
153	A Frequency-Domain Multi-Band Matched-Filter Approach to Passive Diver Detection. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	5
154	Performance evaluation of parametric Rao and GLRT detectors with KASSPER and Bistatic data. , 2008, , .		5
155	Conjugate gradient parametric adaptive matched filter. , 2010, , .		5
156	Moving target detection for distributed MIMO radar with imperfect waveform separation. , 2013, , .		5
157	One-bit compressive sensing and source localization in wireless sensor networks. , 2013, , .		5
158	One-Bit Quantization and Distributed Detection with an Unknown Scale Parameter. Algorithms, 2015, 8, 621-631.	1.2	5
159	Sparse Bayesian dictionary learning with a Gaussian hierarchical model. , 2016, , .		5
160	Persymmetric Adaptive Array Detection of Spread Spectrum Signals. IEEE Transactions on Information Theory, 2020, 66, 7828-7834.	1.5	5
161	PhaseEqual: Convex Phase Retrieval via Alternating Direction Method of Multipliers. IEEE Transactions on Signal Processing, 2020, 68, 1274-1285.	3.2	5
162	New Coherent and Hybrid Detectors for Distributed MIMO Radar with Synchronization Errors. , 2021, , .		5

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163	Differential space-code modulation for interference suppression. , 0, , .		4
164	Transmit diversity and equalization for frequency selective fading channels. , 0, , .		4
165	Blind channel identification for multicarrier CDMA systems with transmit diversity. , 0, , .		4
166	The PAMF Detector is a Parametric Rao Test. , 0, , .		4
167	Decorrelating multiuser code-timing estimation for long-code CDMA with bandlimited chip waveforms. IEEE Transactions on Signal Processing, 2005, 53, 2369-2381.	3.2	4
168	Distributed Maximum Likelihood Estimation for Bandwidth-Constrained Wireless Sensor Networks. , 2006, , .		4
169	A robust approach to channel estimation and detection for multi-carrier CDMA. IEEE Communications Letters, 2006, 10, 652-654.	2.5	4
170	Blind-Channel Estimation and Interference Suppression for Single-Carrier and Multicarrier Block Transmission Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 2779-2791.	3.9	4
171	Pattern coupled sparse Bayesian learning for recovery of time varying sparse signals. , 2014, , .		4
172	A correlation-based signal detection algorithm in passive radar with DVB-T2 emitter. , 2014, , .		4
173	Adaptive detection using both the test and training data for disturbance correlation estimation. Signal Processing, 2017, 137, 309-318.	2.1	4
174	Compressed power spectrum, carrier and DOA estimation via PARAFAC decomposition. , 2017, , .		4
175	Compressive Wideband Spectrum Sensing and Signal Recovery With Unknown Multipath Channels. IEEE Transactions on Wireless Communications, 2022, 21, 5305-5316.	6.1	4
176	Blind multiuser detection for space-time coded CDMA systems. , 0, , .		3
177	Semi-blind multiuser receiver for space-time coded CDMA systems. , 2002, , .		3
178	Robust Multiuser Detection for Multi-Carrier CDMA. , 0, , .		3
179	Distributed modulation for cooperative wireless communications. , 2006, , .		3
180	Parametric GLRT for Multichannel Adaptive Signal Detection. , 0, , .		3

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181	Fast frequency and phase estimation in three phase power systems. , 2013, , .		3
182	Analysis of cross-correlation detector for passive radar applications. , 2015, , .		3
183	Generalized Bussgang LMMSE Channel Estimator for One-Bit Massive MIMO Systems. , 2019, , .		3
184	Efficient Max-Min Power Control for Cell-Free Massive MIMO Systems: An Alternating Projection-Based Approach. IEEE Signal Processing Letters, 2021, 28, 2102-2106.	2.1	3
185	Delay Compensation for Distributed MIMO Radar With Non-Orthogonal Waveforms. IEEE Signal Processing Letters, 2022, 29, 41-45.	2.1	3
186	Channel estimation and equalization for space-time block coded systems in frequency selective fading channels. , 0, , .		2
187	Linear and decision feedback equalizations for space-time block coded systems in frequency selective fading channels. , 0, , .		2
188	Blind and Training-Assisted Subspace Code-Timing Estimation for CDMA With Bandlimited Chip Waveforms. IEEE Transactions on Vehicular Technology, 2004, 53, 1735-1745.	3.9	2
189	Distributed adaptive quantization for wireless sensor networks: A maximum likelihood approach. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	2
190	A study of hyperplane-based vector quantization for distributed estimation. , 2010, , .		2
191	Agent Identification Using a Sparse Bayesian Model. IEEE Sensors Journal, 2011, 11, 2556-2564.	2.4	2
192	Exploiting Spectral Regrowth for Channel Identification. IEEE Signal Processing Letters, 2014, 21, 1050-1053.	2.1	2
193	Secondary User Access Control with MassiveMIMO in Cognitive Radio Networks. , 2019, , .		2
194	Joint Power Allocation for Multicarrier Radar and Communication Coexistence. , 2020, , .		2
195	Biquadratic optimization based joint transmit and receive beamforming with sequential rank relaxation. Signal Processing, 2021, 179, 107819.	2.1	2
196	2D sinusoidal amplitude estimation with application to 2D system identification. , 0, , .		1
197	Joint channel estimation and co-channel interference suppression for space-time block coded systems. , 2001, , .		1
198	Code-timing estimation for CDMA systems with bandlimited chip waveforms. , 0, , .		1

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