

Pramod K Varshney

List of Publications by Year in descending order

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283
papers

8,286
citations

66336

42
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79691

73
g-index

284
all docs

284
docs citations

284
times ranked

4706
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Detection and Data Fusion. , 1997, , .		1,016
2	An Acknowledgment-Based Approach for the Detection of Routing Misbehavior in MANETs. IEEE Transactions on Mobile Computing, 2007, 6, 536-550.	5.8	326
3	Collaborative Spectrum Sensing in the Presence of Byzantine Attacks in Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2011, 59, 774-786.	5.3	317
4	Target Location Estimation in Sensor Networks With Quantized Data. IEEE Transactions on Signal Processing, 2006, 54, 4519-4528.	5.3	215
5	Target Localization and Tracking in Noncoherent Multiple-Input Multiple-Output Radar Systems. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 1466-1489.	4.7	209
6	Theory of the Stochastic Resonance Effect in Signal Detectionâ€™Part II: Variable Detectors. IEEE Transactions on Signal Processing, 2008, 56, 5031-5041.	5.3	173
7	Sensor Selection for Estimation with Correlated Measurement Noise. IEEE Transactions on Signal Processing, 2016, 64, 3509-3522.	5.3	140
8	Performance Analysis of Distributed Detection in a Random Sensor Field. IEEE Transactions on Signal Processing, 2008, 56, 339-349.	5.3	136
9	Distributed Detection and Fusion in a Large Wireless Sensor Network of Random Size. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1.	2.4	128
10	Scheduling Sleeping Nodes in High Density Cluster-based Sensor Networks. Mobile Networks and Applications, 2005, 10, 825-835.	3.3	128
11	Distributed Bayesian Detection in the Presence of Byzantine Data. IEEE Transactions on Signal Processing, 2015, 63, 5250-5263.	5.3	121
12	Sensor Selection Based on Generalized Information Gain for Target Tracking in Large Sensor Networks. IEEE Transactions on Signal Processing, 2014, 62, 363-375.	5.3	120
13	Distributed Inference with Byzantine Data: State-of-the-Art Review on Data Falsification Attacks. IEEE Signal Processing Magazine, 2013, 30, 65-75.	5.6	119
14	Distributed detection in a large wireless sensor network. Information Fusion, 2006, 7, 380-394.	19.1	112
15	Conditional Posterior CramÃ©râ€™Rao Lower Bounds for Nonlinear Sequential Bayesian Estimation. IEEE Transactions on Signal Processing, 2011, 59, 1-14.	5.3	109
16	Anomalous Example Detection in Deep Learning: A Survey. IEEE Access, 2020, 8, 132330-132347.	4.2	99
17	Channel Aware Target Localization With Quantized Data in Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2009, 57, 1190-1202.	5.3	95
18	Energy Aware Iterative Source Localization for Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2010, 58, 4824-4835.	5.3	95

#	ARTICLE	IF	CITATIONS
19	Localization in Wireless Sensor Networks: Byzantines and Mitigation Techniques. IEEE Transactions on Signal Processing, 2013, 61, 1495-1508.	5.3	94
20	Distributed inference in wireless sensor networks. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 100-117.	3.4	93
21	Distributed Detection in Tree Topologies With Byzantines. IEEE Transactions on Signal Processing, 2014, 62, 3208-3219.	5.3	83
22	A Parametric Copula-Based Framework for Hypothesis Testing Using Heterogeneous Data. IEEE Transactions on Signal Processing, 2011, 59, 2308-2319.	5.3	79
23	Micro-Doppler Parameter Estimation via Parametric Sparse Representation and Pruned Orthogonal Matching Pursuit. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4937-4948.	4.9	75
24	Received-Signal-Strength-Based Localization in Wireless Sensor Networks. Proceedings of the IEEE, 2018, 106, 1166-1182.	21.3	75
25	An Image Fusion Approach Based on Markov Random Fields. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 5116-5127.	6.3	72
26	A New Framework for Distributed Detection With Conditionally Dependent Observations. IEEE Transactions on Signal Processing, 2012, 60, 1409-1419.	5.3	71
27	Distributed Detection in Wireless Sensor Networks Under Multiplicative Fading via Generalized Score Tests. IEEE Internet of Things Journal, 2021, 8, 9059-9071.	8.7	68
28	Optimal Transmission Range for Wireless Ad Hoc Networks Based on Energy Efficiency. IEEE Transactions on Communications, 2007, 55, 1772-1782.	7.8	67
29	Copula-Based Fusion of Correlated Decisions. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 454-471.	4.7	67
30	Dynamic Bit Allocation for Object Tracking in Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2012, 60, 5048-5063.	5.3	65
31	Tracking in Wireless Sensor Networks Using Particle Filtering: Physical Layer Considerations. IEEE Transactions on Signal Processing, 2009, 57, 1987-1999.	5.3	64
32	Data Falsification Attacks on Consensus-Based Detection Systems. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 145-158.	2.8	62
33	FusionNet: An Unsupervised Convolutional Variational Network for Hyperspectral and Multispectral Image Fusion. IEEE Transactions on Image Processing, 2020, 29, 7565-7577.	9.8	59
34	Noise Enhanced Parameter Estimation. IEEE Transactions on Signal Processing, 2008, 56, 5074-5081.	5.3	57
35	Sensor Selection for Target Tracking in Wireless Sensor Networks With Uncertainty. IEEE Transactions on Signal Processing, 2016, 64, 5191-5204.	5.3	57
36	Robust Power Allocation for Resource-Aware Multi-Target Tracking With Colocated MIMO Radars. IEEE Transactions on Signal Processing, 2021, 69, 443-458.	5.3	57

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37	A Primer on Zeroth-Order Optimization in Signal Processing and Machine Learning: Principals, Recent Advances, and Applications. IEEE Signal Processing Magazine, 2020, 37, 43-54.	5.6	55
38	Distributed detection of a nuclear radioactive source using fusion of correlated decisions. , 2007, , .		54
39	Robust Cooperative Spectrum Sensing for MIMO Cognitive Radio Networks Under CSI Uncertainty. IEEE Transactions on Signal Processing, 2018, 66, 18-33.	5.3	53
40	Posterior Crlb Based Sensor Selection for Target Tracking in Sensor Networks. , 2007, , .		52
41	Performance Limits of Compressive Sensing-Based Signal Classification. IEEE Transactions on Signal Processing, 2012, 60, 2758-2770.	5.3	47
42	OMP Based Joint Sparsity Pattern Recovery Under Communication Constraints. IEEE Transactions on Signal Processing, 2014, 62, 5059-5072.	5.3	47
43	Reliable Crowdsourcing for Multi-Class Labeling Using Coding Theory. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 667-679.	10.8	45
44	Optimal Power Allocation for Full-Duplex Underwater Relay Networks With Energy Harvesting: A Reinforcement Learning Approach. IEEE Wireless Communications Letters, 2020, 9, 223-227.	5.0	44
45	Optimal Identical Binary Quantizer Design for Distributed Estimation. IEEE Transactions on Signal Processing, 2012, 60, 3896-3901.	5.3	43
46	Target Localization in Wireless Sensor Networks Using Error Correcting Codes. IEEE Transactions on Information Theory, 2014, 60, 697-712.	2.4	42
47	Sparse Signal Detection With Compressive Measurements via Partial Support Set Estimation. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 46-60.	2.8	42
48	A Memristor-Based Optimization Framework for Artificial Intelligence Applications. IEEE Circuits and Systems Magazine, 2018, 18, 29-44.	2.3	42
49	Decentralized Federated Learning via Mutual Knowledge Transfer. IEEE Internet of Things Journal, 2022, 9, 1136-1147.	8.7	42
50	Decentralized Gaussian Filters for Cooperative Self-Localization and Multi-Target Tracking. IEEE Transactions on Signal Processing, 2019, 67, 5896-5911.	5.3	40
51	Selection of a Forwarding Area for Contention-Based Geographic Forwarding in Wireless Multi-Hop Networks. IEEE Transactions on Vehicular Technology, 2007, 56, 3111-3122.	6.3	39
52	New Conditional Posterior Cram�r-Rao Lower Bounds for Nonlinear Sequential Bayesian Estimation. IEEE Transactions on Signal Processing, 2012, 60, 5549-5556.	5.3	39
53	Fusing Dependent Decisions for Hypothesis Testing With Heterogeneous Sensors. IEEE Transactions on Signal Processing, 2012, 60, 4888-4897.	5.3	39
54	Cognitive MIMO-RF/FSO Cooperative Relay Communication With Mobile Nodes and Imperfect Channel State Information. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 544-555.	7.9	39

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55	Sparsity-Aware Sensor Collaboration for Linear Coherent Estimation. IEEE Transactions on Signal Processing, 2015, 63, 2582-2596.	5.3	37
56	Detection Performance Limits for Distributed Sensor Networks in the Presence of Nonideal Channels. IEEE Transactions on Wireless Communications, 2006, 5, 3034-3038.	9.2	36
57	Strategic Power Allocation With Incomplete Information in the Presence of a Jammer. IEEE Transactions on Communications, 2016, 64, 3467-3479.	7.8	36
58	A sensor selection approach for target tracking in sensor networks with quantized measurements. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	35
59	Energy-Aware Sensor Selection in Field Reconstruction. IEEE Signal Processing Letters, 2014, 21, 1476-1480.	3.6	35
60	Polarity-Coincidence-Array Based Spectrum Sensing for Multiple Antenna Cognitive Radios in the Presence of Non-Gaussian Noise. IEEE Transactions on Wireless Communications, 2011, 10, 2362-2371.	9.2	34
61	Optimal distributed detection in the presence of Byzantines. , 2013, , .		34
62	Autonomous Fall Detection With Wearable Cameras by Using Relative Entropy Distance Measure. IEEE Transactions on Human-Machine Systems, 2016, , 1-9.	3.5	34
63	Communication-Efficient Federated Learning Based on Compressed Sensing. IEEE Internet of Things Journal, 2021, 8, 15531-15541.	8.7	34
64	Location Estimation of a Random Signal Source Based on Correlated Sensor Observations. IEEE Transactions on Signal Processing, 2011, 59, 787-799.	5.3	33
65	Joint Detection and Localization in Sensor Networks Based on Local Decisions. , 2006, , .		32
66	Noise Enhanced Nonparametric Detection. IEEE Transactions on Information Theory, 2009, 55, 499-506.	2.4	32
67	Sensor selection for nonlinear systems in large sensor networks. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 2664-2678.	4.7	32
68	On Quantizer Design for Distributed Bayesian Estimation in Sensor Networks. IEEE Transactions on Signal Processing, 2014, 62, 5359-5369.	5.3	32
69	Enhanced Dynamic Spectrum Access in Multiband Cognitive Radio Networks via Optimized Resource Allocation. IEEE Transactions on Wireless Communications, 2016, 15, 8093-8106.	9.2	31
70	On Performance Comparison of Multi-Antenna HD-NOMA, SCMA, and PD-NOMA Schemes. IEEE Wireless Communications Letters, 2021, 10, 715-719.	5.0	31
71	Linear Coherent Estimation With Spatial Collaboration. IEEE Transactions on Information Theory, 2013, 59, 3532-3553.	2.4	30
72	Detection of Sparse Signals in Sensor Networks via Locally Most Powerful Tests. IEEE Signal Processing Letters, 2018, 25, 1418-1422.	3.6	30

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73	Asynchronous Linear Modulation Classification With Multiple Sensors via Generalized EM Algorithm. IEEE Transactions on Wireless Communications, 2015, 14, 6389-6400.	9.2	29
74	K-Medoids Clustering of Data Sequences With Composite Distributions. IEEE Transactions on Signal Processing, 2019, 67, 2093-2106.	5.3	29
75	Subspace-Based Cooperative Spectrum Sensing for Cognitive Radios. IEEE Sensors Journal, 2011, 11, 611-620.	4.7	28
76	Compressive Sensing Based Probabilistic Sensor Management for Target Tracking in Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2015, 63, 6049-6060.	5.3	28
77	Cooperative sparsity pattern recovery in distributed networks via distributed-OMP. , 2013, , .		27
78	Distributed Inference With M-Ary Quantized Data in the Presence of Byzantine Attacks. IEEE Transactions on Signal Processing, 2014, 62, 2681-2695.	5.3	27
79	Collaborative spectrum sensing in the presence of Byzantine attacks in Cognitive Radio Networks. , 2010, , .		26
80	Assuring privacy and reliability in crowdsourcing with coding. , 2014, , .		26
81	Distributed Maximum Likelihood Classification of Linear Modulations Over Nonidentical Flat Block-Fading Gaussian Channels. IEEE Transactions on Wireless Communications, 2015, 14, 724-737.	9.2	26
82	Target Tracking via Crowdsourcing: A Mechanism Design Approach. IEEE Transactions on Signal Processing, 2015, 63, 1464-1476.	5.3	26
83	Collaborative Compressive Detection With Physical Layer Secrecy Constraints. IEEE Transactions on Signal Processing, 2017, 65, 1013-1025.	5.3	26
84	Distributed Detection in Massive MIMO Wireless Sensor Networks Under Perfect and Imperfect CSI. IEEE Transactions on Signal Processing, 2019, 67, 4055-4068.	5.3	26
85	Detection of Sparse Stochastic Signals With Quantized Measurements in Sensor Networks. IEEE Transactions on Signal Processing, 2019, 67, 2210-2220.	5.3	26
86	Communication Network Topology Inference via Transfer Entropy. IEEE Transactions on Network Science and Engineering, 2020, 7, 562-575.	6.4	26
87	A market based dynamic bit allocation scheme for target tracking in wireless sensor networks. , 2013, , .		25
88	Federated Learning With Soft Clustering. IEEE Internet of Things Journal, 2022, 9, 7773-7782.	8.7	25
89	Distributed Detection in Tree Networks: Byzantines and Mitigation Techniques. IEEE Transactions on Information Forensics and Security, 2015, 10, 1499-1512.	6.9	24
90	Optimized Sensor Collaboration for Estimation of Temporally Correlated Parameters. IEEE Transactions on Signal Processing, 2016, 64, 6613-6626.	5.3	24

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91	Abnormality Detection Inside Blood Vessels With Mobile Nanomachines. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 189-194.	2.1	24
92	A Subspace Method for Fourier-Based Image Registration. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 491-494.	3.1	23
93	Copula Based Classifier Fusion Under Statistical Dependence. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2740-2748.	13.9	23
94	Fusion of Correlated Decisions Using Regular Vine Copulas. IEEE Transactions on Signal Processing, 2019, 67, 2066-2079.	5.3	23
95	Performance Analysis and Code Design for Minimum Hamming Distance Fusion in Wireless Sensor Networks. IEEE Transactions on Information Theory, 2007, 53, 1716-1734.	2.4	22
96	Nonparametric One-Bit Quantizers for Distributed Estimation. IEEE Transactions on Signal Processing, 2010, 58, 3777-3787.	5.3	22
97	Wireless Compressive Sensing Over Fading Channels With Distributed Sparse Random Projections. IEEE Transactions on Signal and Information Processing Over Networks, 2015, 1, 33-44.	2.8	22
98	Further Results on the Optimality of the Likelihood-Ratio Test for Local Sensor Decision Rules in the Presence of Nonideal Channels. IEEE Transactions on Information Theory, 2009, 55, 828-832.	2.4	21
99	Performance Bounds for Sparsity Pattern Recovery With Quantized Noisy Random Projections. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 43-57.	10.8	20
100	Sparsity-aware field estimation via ordinary Kriging. , 2014, , .		20
101	On diffusive molecular communication with mobile nanomachines. , 2018, , .		20
102	Distributed Detection of Sparse Stochastic Signals With Quantized Measurements: The Generalized Gaussian Case. IEEE Transactions on Signal Processing, 2019, 67, 4886-4898.	5.3	20
103	Impact of Intermediate Nanomachines in Multiple Cooperative Nanomachine-Assisted Diffusion Advection Mobile Molecular Communication. IEEE Transactions on Communications, 2019, 67, 4856-4871.	7.8	20
104	Prospect Theoretic Utility Based Human Decision Making in Multi-Agent Systems. IEEE Transactions on Signal Processing, 2020, 68, 1091-1104.	5.3	20
105	Performance analysis of stochastic signal detection with compressive measurements. , 2010, , .		19
106	Fusing Censored Dependent Data for Distributed Detection. IEEE Transactions on Signal Processing, 2015, 63, 4385-4395.	5.3	19
107	Design of Binary Quantizers for Distributed Detection Under Secrecy Constraints. IEEE Transactions on Signal Processing, 2016, 64, 2636-2648.	5.3	19
108	Mitigation of Byzantine Attacks on Distributed Detection Systems Using Audit Bits. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 18-32.	2.8	19

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109	Distributed Detection of Weak Signals From One-Bit Measurements Under Observation Model Uncertainties. IEEE Signal Processing Letters, 2019, 26, 415-419.	3.6	19
110	Distributed Detection in Wireless Sensor Networks Using Dynamic Sensor Thresholds. International Journal of Distributed Sensor Networks, 2008, 4, 4-11.	2.2	18
111	Secure distributed detection in the presence of eavesdroppers. , 2010, , .		18
112	Optimal Byzantine attacks on distributed detection in tree-based topologies. , 2013, , .		18
113	Towards the design of prospect-theory based human decision rules for hypothesis testing. , 2016, , .		17
114	Multi-Object Classification via Crowdsourcing With a Reject Option. IEEE Transactions on Signal Processing, 2017, 65, 1068-1081.	5.3	17
115	Optimal Spectrum Auction Design With 2-D Truthful Revelations Under Uncertain Spectrum Availability. IEEE/ACM Transactions on Networking, 2017, 25, 420-433.	3.8	17
116	Permutation Trellis Coded Multi-Level FSK Signaling to Mitigate Primary User Interference in Cognitive Radio Networks. IEEE Transactions on Communications, 2016, 64, 104-116.	7.8	16
117	Compressive Sensing-Based Detection With Multimodal Dependent Data. IEEE Transactions on Signal Processing, 2018, 66, 627-640.	5.3	16
118	Optimal Sensor Collaboration for Parameter Tracking Using Energy Harvesting Sensors. IEEE Transactions on Signal Processing, 2018, 66, 3339-3353.	5.3	16
119	Distributed Detection of Sparse Stochastic Signals via Fusion of 1-bit Local Likelihood Ratios. IEEE Signal Processing Letters, 2019, 26, 1738-1742.	3.6	16
120	Distributed Detection of Sparse Stochastic Signals With 1-Bit Data in Tree-Structured Sensor Networks. IEEE Transactions on Signal Processing, 2020, 68, 2963-2976.	5.3	16
121	Multi-Sensor Joint Adaptive Birth Sampler for Labeled Random Finite Set Tracking. IEEE Transactions on Signal Processing, 2022, 70, 1010-1025.	5.3	16
122	Improving Sequential Detection Performance Via Stochastic Resonance. IEEE Signal Processing Letters, 2008, 15, 685-688.	3.6	15
123	Zivâ€Zakai Bounds on Image Registration. IEEE Transactions on Signal Processing, 2009, 57, 1745-1755.	5.3	15
124	Decentralized and Collaborative Subspace Pursuit: A Communication-Efficient Algorithm for Joint Sparsity Pattern Recovery With Sensor Networks. IEEE Transactions on Signal Processing, 2016, 64, 556-566.	5.3	15
125	Mixed Copula-Based Uncertainty Modeling of Hourly Wind Farm Production for Power System Operational Planning Studies. IEEE Access, 2020, 8, 138569-138583.	4.2	15
126	On covert data falsification attacks on distributed detection systems. , 2013, , .		14

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127	Collaborative Human Decision Making With Random Local Thresholds. IEEE Transactions on Signal Processing, 2013, 61, 2975-2989.	5.3	14
128	Robustness of the Counting Rule for Distributed Detection in Wireless Sensor Networks. IEEE Signal Processing Letters, 2018, 25, 1191-1195.	3.6	14
129	Evaluation of ICA based fusion of hyperspectral images for color display. , 2007, , .		13
130	Subspace Recovery From Structured Union of Subspaces. IEEE Transactions on Information Theory, 2015, 61, 2101-2114.	2.4	13
131	Resource Allocation and Outage Analysis for an Adaptive Cognitive Two-Way Relay Network. IEEE Transactions on Wireless Communications, 2017, 16, 4727-4737.	9.2	13
132	Experiments and Models for Decision Fusion by Humans in Inference Networks. IEEE Transactions on Signal Processing, 2018, 66, 2960-2971.	5.3	13
133	On the Optimality of Likelihood Ratio Test for Prospect Theory-Based Binary Hypothesis Testing. IEEE Signal Processing Letters, 2018, 25, 1845-1849.	3.6	13
134	False discovery rate based distributed detection in the presence of Byzantines. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 1826-1840.	4.7	12
135	Multisensor Modulation Classification (MMC): Implementation Considerations – USRP Case Study. , 2014, , .		12
136	Measurement Matrix Design for Compressed Detection With Secrecy Guarantees. IEEE Wireless Communications Letters, 2016, 5, 420-423.	5.0	12
137	Local Threshold Design for Target Localization Using Error Correcting Codes in Wireless Sensor Networks in the Presence of Byzantine Attacks. IEEE Transactions on Information Forensics and Security, 2017, 12, 1571-1584.	6.9	12
138	Design and evaluation of hierarchical hybrid automatic modulation classifier using software defined radios. , 2017, , .		12
139	Decision Tree Design for Classification in Crowdsourcing Systems. , 2018, , .		12
140	Audit Bit Based Distributed Bayesian Detection in the Presence of Byzantines. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 643-655.	2.8	12
141	On noise-enhanced distributed inference in the presence of Byzantines. , 2011, , .		11
142	Optimum Power Randomization for the Minimization of Outage Probability. IEEE Transactions on Wireless Communications, 2013, 12, 4627-4637.	9.2	11
143	Optimal Auction Design With Quantized Bids for Target Tracking via Crowdsensing. IEEE Transactions on Computational Social Systems, 2019, 6, 847-857.	4.4	11
144	Prospect Theory Based Crowdsourcing for Classification in the Presence of Spammers. IEEE Transactions on Signal Processing, 2020, 68, 4083-4093.	5.3	11

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145	Adaptive local quantizer design for tracking in a wireless sensor network. , 2008, , .		10
146	On physical layer secrecy of collaborative compressive detection. , 2014, , .		10
147	On Amelioration Of Human Cognitive Biases In Binary Decision Making. , 2019, , .		10
148	Channel Aware Particle Filtering for Tracking in Sensor Networks. , 2006, , .		9
149	Sampling Schemes for Sequential Detection With Dependent Observations. IEEE Transactions on Signal Processing, 2010, 58, 1469-1481.	5.3	9
150	An incentive-based mechanism for location estimation in wireless sensor networks. , 2013, , .		9
151	A Coalitional Game for Distributed Inference in Sensor Networks With Dependent Observations. IEEE Transactions on Signal Processing, 2016, 64, 1854-1866.	5.3	9
152	On Strategic Multi-Antenna Jamming in Centralized Detection Networks. IEEE Signal Processing Letters, 2017, 24, 186-190.	3.6	9
153	A Low-Complexity Maximum-Likelihood Decoder for Tail-Biting Convolutional Codes. IEEE Transactions on Communications, 2018, 66, 1859-1870.	7.8	9
154	Joint Sparsity Pattern Recovery With 1-b Compressive Sensing in Distributed Sensor Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 15-30.	2.8	9
155	Distributed Sequential Detection: Dependent Observations and Imperfect Communication. IEEE Transactions on Signal Processing, 2020, 68, 830-842.	5.3	9
156	Exponential Mixture Density Based Approximation to Posterior Cram�r-Rao Lower Bound for Distributed Target Tracking. IEEE Transactions on Signal Processing, 2022, 70, 862-877.	5.3	9
157	Estimation of spatially distributed processes in wireless sensor networks with random packet loss. IEEE Transactions on Wireless Communications, 2009, 8, 3162-3171.	9.2	8
158	Controlled collaboration for linear coherent estimation in wireless sensor networks. , 2012, , .		8
159	Sequential Bayesian estimation with censored data. , 2012, , .		8
160	On optimal sensor collaboration topologies for linear coherent estimation. , 2014, , .		8
161	On Weak Signal Detection With Compressive Measurements. IEEE Signal Processing Letters, 2018, 25, 125-129.	3.6	8
162	Secure Distributed Detection of Sparse Signals via Falsification of Local Compressive Measurements. IEEE Transactions on Signal Processing, 2019, 67, 4696-4706.	5.3	8

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163	An Efficient Construction Strategy for Near-Optimal Variable-Length Error-Correcting Codes. IEEE Communications Letters, 2019, 23, 398-401.	4.1	8
164	A Novel Spectrally-Efficient Uplink Hybrid-Domain NOMA System. IEEE Communications Letters, 2020, 24, 2609-2613.	4.1	8
165	Joint Collaboration and Compression Design for Distributed Sequential Estimation in a Wireless Sensor Network. IEEE Transactions on Signal Processing, 2021, 69, 5448-5462.	5.3	8
166	Target localization in Wireless Sensor Networks with quantized data in the presence of Byzantine attacks. , 2011, , .		7
167	Accurate Estimation of Gaseous Strength Using Transient Data. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 1197-1205.	4.7	7
168	An auction-based mechanism for dynamic spectrum allocation in participatory cognitive radio networks. , 2012, , .		7
169	Noise-Refined image enhancement using multi-objective optimisation. IET Image Processing, 2013, 7, 191-200.	2.5	7
170	Distributed Compressive Detection with Perfect Secrecy. , 2014, , .		7
171	Distributed Detection Over Channels with Memory. IEEE Signal Processing Letters, 2015, 22, 2494-2498.	3.6	7
172	Coupled Detection and Estimation Based Censored Spectrum Sharing in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2016, 15, 4206-4217.	9.2	7
173	Optimal energy allocation and storage control for distributed estimation with sensor collaboration. , 2016, , .		7
174	On Integrating Human Decisions with Physical Sensors for Binary Decision Making. , 2018, , .		7
175	Sparse Bayesian Learning-Based Target Imaging and Parameter Estimation for Monostatic MIMO Radar Systems. IEEE Access, 2018, 6, 68545-68559.	4.2	7
176	On Decision Making In Human-Machine Networks. , 2019, , .		7
177	Anomaly Detection Under Controlled Sensing Using Actor-Critic Reinforcement Learning. , 2020, , .		7
178	One-Bit Compressed Sensing Using Generative Models. , 2020, , .		7
179	Minimum Byzantine Effort for Blinding Distributed Detection in Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2020, 68, 647-661.	5.3	7
180	Sensor placement algorithms for target localization in sensor networks. , 2008, , .		6

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181	Accurate estimation of indoor occupancy using gas sensors. , 2009, , .		6
182	A novel framework for distributed detection with dependent observations. , 2010, , .		6
183	Reliable classification by unreliable crowds. , 2013, , .		6
184	Modulation Discovery Over Arbitrary Additive Noise Channels Based on the Richardson-Lucy Algorithm. IEEE Signal Processing Letters, 2014, 21, 756-760.	3.6	6
185	Asymptotic Performance of Categorical Decision Making with Random Thresholds. IEEE Signal Processing Letters, 2014, 21, 994-997.	3.6	6
186	Probabilistic sensor management for target tracking via compressive sensing. , 2014, , .		6
187	Target Localization Using Sensor Location Knowledge in Wireless Sensor Networks. IEEE Wireless Communications Letters, 2018, 7, 456-459.	5.0	6
188	Robust Distributed Detection in Massive MIMO Wireless Sensor Networks Under CSI Uncertainty. , 2018, , .		6
189	Human-Machine Inference Networks for Smart Decision Making: Opportunities and Challenges. , 2018, , .		6
190	Compressive Sensing Based Classification in the Presence of Intra-and Inter-Signal Correlation. IEEE Signal Processing Letters, 2018, 25, 1398-1402.	3.6	6
191	A Truthful Mechanism For Mobility Management In Unmanned Aerial Vehicles Networks. , 2019, , .		6
192	Sparse Activity Detection in Cell-Free Massive MIMO systems. , 2020, , .		6
193	Distributed Detection of Sparse Signals With Censoring Sensors Via Locally Most Powerful Test. IEEE Signal Processing Letters, 2020, 27, 346-350.	3.6	6
194	Robust Linear Transceiver Designs for Vector Parameter Estimation in MIMO Wireless Sensor Networks Under CSI Uncertainty. IEEE Transactions on Vehicular Technology, 2021, 70, 7347-7362.	6.3	6
195	On Human Assisted Decision Making for Machines Using Correlated Observations. , 2020, , .		6
196	Enhanced Audit Bit Based Distributed Bayesian Detection in the Presence of Strategic Attacks. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 49-62.	2.8	6
197	Joint State Monitoring and Fault Detection using Distributed Particle Filtering. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	5
198	A Monte Carlo based energy efficient source localization method for wireless sensor networks. , 2009, , .		5

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199	Biometric Authentication: A Copula-Based Approach. , 0, , 95-119.		5
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