

# Pramod K Varshney

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

260  
papers

5,392  
citations

36  
h-index

63  
g-index

284  
ext. papers

6,899  
ext. citations

4.8  
avg, IF

6.41  
L-index

#	Paper	IF	Citations
260	Enhanced Audit Bit Based Distributed Bayesian Detection in the Presence of Strategic Attacks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2022</b> , 8, 49-62	2.8	1
259	Noisy One-bit Compressed Sensing with Side-Information. <i>IEEE Transactions on Signal Processing</i> , <b>2022</b> , 1-1	4.8	
258	Exponential Mixture Density based Approximation to Posterior Cramr-Rao Lower Bound for Distributed Target Tracking. <i>IEEE Transactions on Signal Processing</i> , <b>2022</b> , 1-1	4.8	3
257	Multi-Sensor Joint Adaptive Birth Sampler for Labeled Random Finite Set Tracking. <i>IEEE Transactions on Signal Processing</i> , <b>2022</b> , 70, 1010-1025	4.8	0
256	Distributed detection of sparse signals with censoring sensors in clustered sensor networks. <i>Information Fusion</i> , <b>2022</b> , 83-84, 1-18	16.7	
255	Robust Decentralized Learning Using ADMM with Unreliable Agents. <i>IEEE Transactions on Signal Processing</i> , <b>2022</b> , 1-1	4.8	
254	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
253	Byzantine Resilient Non-Convex SCSG With Distributed Batch Gradient Computations. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2021</b> , 7, 754-766	2.8	
252	On Strategic Jamming in Distributed Detection Networks <b>2021</b> ,		1
251	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9059-9071	10.7	35
250	Communication-Efficient Federated Learning Based on Compressed Sensing. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	8
249	Joint Collaboration and Compression Design for Random Signal Detection in Wireless Sensor Networks. <i>IEEE Signal Processing Letters</i> , <b>2021</b> , 28, 1630-1634	3.2	
248	Measurement Bounds for Compressed Sensing in Sensor Networks With Missing Data. <i>IEEE Transactions on Signal Processing</i> , <b>2021</b> , 69, 905-916	4.8	0
247	Joint Collaboration and Compression Design for Distributed Sequential Estimation in a Wireless Sensor Network. <i>IEEE Transactions on Signal Processing</i> , <b>2021</b> , 1-1	4.8	1
246	Federated Learning with Soft Clustering. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
245	Collaborative Human Decision-Making With Heterogeneous Agents. <i>IEEE Transactions on Computational Social Systems</i> , <b>2021</b> , 1-11	4.5	0
244	Robust Linear Transceiver Designs for Vector Parameter Estimation in MIMO Wireless Sensor Networks Under CSI Uncertainty. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 7347-7362	6.8	0

243	Utility-Theory-Based Optimal Resource Consumption for Inference in IoT Systems. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 12279-12288	10.7	1
242	Decentralized Federated Learning via Mutual Knowledge Transfer. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	6
241	Robust Power Allocation for Resource-Aware Multi-Target Tracking With Colocated MIMO Radars. <i>IEEE Transactions on Signal Processing</i> , <b>2021</b> , 69, 443-458	4.8	26
240	On the Design of Near-Optimal Variable-Length Error-Correcting Codes for Large Source Alphabets. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 7896-7910	6.9	1
239	One-Bit Compressed Sensing Using Generative Models <b>2020</b> ,		2
238	On Distributed Stochastic Gradient Descent for Nonconvex Functions in the Presence of Byzantines <b>2020</b> ,		1
237	Distributed Detection of Sparse Stochastic Signals With 1-Bit Data in Tree-Structured Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 2963-2976	4.8	7
236	Distributed Detection of Sparse Signals With Censoring Sensors Via Locally Most Powerful Test. <i>IEEE Signal Processing Letters</i> , <b>2020</b> , 27, 346-350	3.2	3
235	Prospect Theoretic Utility Based Human Decision Making in Multi-Agent Systems. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 1091-1104	4.8	7
234	Minimum Byzantine Effort for Blinding Distributed Detection in Wireless Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 647-661	4.8	3
233	Asymptotic Performance In Heterogeneous Human-machine Inference Networks <b>2020</b> ,		1
232	Optimal Power Allocation for Full-Duplex Underwater Relay Networks With Energy Harvesting: A Reinforcement Learning Approach. <i>IEEE Wireless Communications Letters</i> , <b>2020</b> , 9, 223-227	5.9	25
231	Multiple-source ellipsoidal localization using acoustic energy measurements. <i>Automatica</i> , <b>2020</b> , 112, 108737	5.7	3
230	Distributed Sequential Detection: Dependent Observations and Imperfect Communication. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 830-842	4.8	7
229	Anomalous Example Detection in Deep Learning: A Survey. <i>IEEE Access</i> , <b>2020</b> , 8, 132330-132347	3.5	30
228	FusionNet: An Unsupervised Convolutional Variational Network for Hyperspectral and Multispectral Image Fusion. <i>IEEE Transactions on Image Processing</i> , <b>2020</b> , 29, 7565-7577	8.7	24
227	Prospect Theory Based Crowdsourcing for Classification in the Presence of Spammers. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 4083-4093	4.8	4
226	A Novel Spectrally-Efficient Uplink Hybrid-Domain NOMA System. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 2609-2613	3.8	6

225	Distributed Detection of Sparse Signals With Physical Layer Secrecy Constraints: A Falsified Censoring Strategy. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 6040-6054	4.8	2
224	A Primer on Zeroth-Order Optimization in Signal Processing and Machine Learning: Principals, Recent Advances, and Applications. <i>IEEE Signal Processing Magazine</i> , <b>2020</b> , 37, 43-54	9.4	10
223	Sparse Activity Detection in Cell-Free Massive MIMO systems <b>2020</b> ,		1
222	Mixed Copula-Based Uncertainty Modeling of Hourly Wind Farm Production for Power System Operational Planning Studies. <i>IEEE Access</i> , <b>2020</b> , 8, 138569-138583	3.5	8
221	On Performance Comparison of Multi-Antenna HD-NOMA, SCMA, and PD-NOMA Schemes. <i>IEEE Wireless Communications Letters</i> , <b>2020</b> , 1-1	5.9	6
220	Communication Network Topology Inference via Transfer Entropy. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2020</b> , 7, 562-575	4.9	14
219	Distributed Detection of Sparse Stochastic Signals With Quantized Measurements: The Generalized Gaussian Case. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 4886-4898	4.8	8
218	Truncated Sequential Non-Parametric Hypothesis Testing Based on Random Distortion Testing. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 4027-4042	4.8	2
217	Secure Distributed Detection of Sparse Signals via Falsification of Local Compressive Measurements. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 4696-4706	4.8	6
216	Sequential Random Distortion Testing of Non-Stationary Processes. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 5450-5462	4.8	2
215	Distributed Detection of Weak Signals From One-Bit Measurements Under Observation Model Uncertainties. <i>IEEE Signal Processing Letters</i> , <b>2019</b> , 26, 415-419	3.2	11
214	. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 2210-2220	4.8	12
213	Fusion of Correlated Decisions Using Regular Vine Copulas. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 2066-2079	4.8	9
212	Impact of Intermediate Nanomachines in Multiple Cooperative Nanomachine-Assisted Diffusion Advection Mobile Molecular Communication. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 4856-4871	6.9	11
211	K-Medoids Clustering of Data Sequences With Composite Distributions. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 2093-2106	4.8	15
210	Joint Sparsity Pattern Recovery With 1-b Compressive Sensing in Distributed Sensor Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2019</b> , 5, 15-30	2.8	7
209	Online Design of Optimal Precoders for High Dimensional Signal Detection. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 4122-4135	4.8	4
208	Optimal Auction Design With Quantized Bids for Target Tracking via Crowdsensing. <i>IEEE Transactions on Computational Social Systems</i> , <b>2019</b> , 6, 847-857	4.5	5

207	Distributed Detection in Massive MIMO Wireless Sensor Networks Under Perfect and Imperfect CSI. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 4055-4068	4.8	16
206	Decentralized Gaussian Filters for Cooperative Self-Localization and Multi-Target Tracking. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 5896-5911	4.8	22
205	Distributed Detection of Sparse Stochastic Signals via Fusion of 1-bit Local Likelihood Ratios. <i>IEEE Signal Processing Letters</i> , <b>2019</b> , 26, 1738-1742	3.2	7
204	On Decision Making In Human-Machine Networks <b>2019</b> ,		2
203	On Amelioration Of Human Cognitive Biases In Binary Decision Making <b>2019</b> ,		4
202	On Convex Stochastic Variance Reduced Gradient for Adversarial Machine Learning <b>2019</b> ,		1
201	A Truthful Mechanism For Mobility Management In Unmanned Aerial Vehicles Networks <b>2019</b> ,		2
200	<b>2019</b> ,		1
199	An Efficient Construction Strategy for Near-Optimal Variable-Length Error-Correcting Codes. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 398-401	3.8	3
198	A Low-Complexity Maximum-Likelihood Decoder for Tail-Biting Convolutional Codes. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 1859-1870	6.9	5
197	. <i>IEEE Transactions on Signal Processing</i> , <b>2018</b> , 66, 2960-2971	4.8	11
196	Copula Based Classifier Fusion Under Statistical Dependence. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 2740-2748	13.3	14
195	On Weak Signal Detection With Compressive Measurements. <i>IEEE Signal Processing Letters</i> , <b>2018</b> , 25, 125-129	3.2	5
194	A Memristor-Based Optimization Framework for Artificial Intelligence Applications. <i>IEEE Circuits and Systems Magazine</i> , <b>2018</b> , 18, 29-44	3.2	15
193	. <i>IEEE Transactions on Signal Processing</i> , <b>2018</b> , 66, 627-640	4.8	11
192	Target Localization Using Sensor Location Knowledge in Wireless Sensor Networks. <i>IEEE Wireless Communications Letters</i> , <b>2018</b> , 7, 456-459	5.9	5
191	Mitigation of Byzantine Attacks on Distributed Detection Systems Using Audit Bits. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2018</b> , 4, 18-32	2.8	11
190	Compressive Sensing Based Classification in the Presence of Intra-and Inter-Signal Correlation. <i>IEEE Signal Processing Letters</i> , <b>2018</b> , 25, 1398-1402	3.2	3

189	Cognitive MIMO-RF/FSO Cooperative Relay Communication With Mobile Nodes and Imperfect Channel State Information. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2018</b> , 4, 544-555	6.6	28
188	Audit Bit Based Distributed Bayesian Detection in the Presence of Byzantines. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2018</b> , 4, 643-655	2.8	9
187	Detection of Sparse Signals in Sensor Networks via Locally Most Powerful Tests. <i>IEEE Signal Processing Letters</i> , <b>2018</b> , 25, 1418-1422	3.2	14
186	Received-Signal-Strength-Based Localization in Wireless Sensor Networks. <i>Proceedings of the IEEE</i> , <b>2018</b> , 106, 1166-1182	14.3	47
185	Distributed Detection with Unreliable Data Sources <b>2018</b> , 17-74		
184	Robust Cooperative Spectrum Sensing for MIMO Cognitive Radio Networks Under CSI Uncertainty. <i>IEEE Transactions on Signal Processing</i> , <b>2018</b> , 66, 18-33	4.8	36
183	On Integrating Human Decisions with Physical Sensors for Binary Decision Making <b>2018</b> ,		4
182	Robust Distributed Detection in Massive MIMO Wireless Sensor Networks Under CSI Uncertainty <b>2018</b> ,		6
181	Abnormality Detection Inside Blood Vessels With Mobile Nanomachines. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , <b>2018</b> , 4, 189-194	2.3	14
180	On Self-Localization and Tracking with an Unknown Number of Targets <b>2018</b> ,		2
179	Sparse Bayesian Learning-Based Target Imaging and Parameter Estimation for Monostatic MIMO Radar Systems. <i>IEEE Access</i> , <b>2018</b> , 6, 68545-68559	3.5	6
178	Nonparametric Composite Hypothesis Testing in an Asymptotic Regime. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2018</b> , 12, 1005-1014	7.5	1
177	Decision Tree Design for Classification in Crowdsourcing Systems <b>2018</b> ,		7
176	On Random Distortion Testing Based Sequential Non-Parametric Hypothesis Testing* <b>2018</b> ,		3
175	Impact of Cooperation in Flow-Induced Diffusive Mobile Molecular Communication <b>2018</b> ,		3
174	On Sequential Random Distortion Testing of Non-Stationary Processes <b>2018</b> ,		3
173	Human-Machine Inference Networks for Smart Decision Making: Opportunities and Challenges <b>2018</b> ,		3
172	Online Design of Precoders for High Dimensional Signal Detection in Wireless Sensor Networks <b>2018</b> ,		2

171	. <i>IEEE Signal Processing Letters</i> , <b>2018</b> , 25, 1845-1849	3.2	7
170	Distributed Inference with Unreliable Data: Some Unconventional Directions <b>2018</b> , 151-184		
169	Secure Networked Inference with Unreliable Data Sources <b>2018</b> ,		2
168	On diffusive molecular communication with mobile nanomachines <b>2018</b> ,		12
167	Optimal Sensor Collaboration for Parameter Tracking Using Energy Harvesting Sensors. <i>IEEE Transactions on Signal Processing</i> , <b>2018</b> , 66, 3339-3353	4.8	10
166	. <i>IEEE Signal Processing Letters</i> , <b>2018</b> , 25, 1191-1195	3.2	10
165	On Strategic Multi-Antenna Jamming in Centralized Detection Networks. <i>IEEE Signal Processing Letters</i> , <b>2017</b> , 24, 186-190	3.2	8
164	Local Threshold Design for Target Localization Using Error Correcting Codes in Wireless Sensor Networks in the Presence of Byzantine Attacks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2017</b> , 12, 1571-1584	8	8
163	Design and evaluation of hierarchical hybrid automatic modulation classifier using software defined radios <b>2017</b> ,		5
162	. <i>IEEE Transactions on Signal Processing</i> , <b>2017</b> , 65, 1068-1081	4.8	14
161	Resource Allocation and Outage Analysis for an Adaptive Cognitive Two-Way Relay Network. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 4727-4737	9.6	11
160	Optimal Spectrum Auction Design With 2-D Truthful Revelations Under Uncertain Spectrum Availability. <i>IEEE/ACM Transactions on Networking</i> , <b>2017</b> , 25, 420-433	3.8	14
159	Robust detection of random events with spatially correlated data in wireless sensor networks via distributed compressive sensing <b>2017</b> ,		3
158	Detection with multimodal dependent data using low-dimensional random projections <b>2017</b> ,		1
157	Data Falsification Attacks on Consensus-Based Detection Systems. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2017</b> , 3, 145-158	2.8	47
156	Sparse Signal Detection With Compressive Measurements via Partial Support Set Estimation. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2017</b> , 3, 46-60	2.8	28
155	Collaborative Compressive Detection With Physical Layer Secrecy Constraints. <i>IEEE Transactions on Signal Processing</i> , <b>2017</b> , 65, 1013-1025	4.8	21
154	Detection of Single Versus Multiple Antenna Transmission Systems Using Pilot Data. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2017</b> , 3, 159-171	2.8	1

153	A unified diversity measure for distributed inference <b>2017</b> ,		1
152	Sensor Selection for Target Tracking in Wireless Sensor Networks With Uncertainty. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 5191-5204	4.8	36
151	Optimal Auction Design With Quantized Bids. <i>IEEE Signal Processing Letters</i> , <b>2016</b> , 23, 1518-1522	3.2	1
150	Detection diversity of spatio-temporal data using Pitman's efficiency for low SNR regimes <b>2016</b> ,		1
149	Strategic Power Allocation With Incomplete Information in the Presence of a Jammer. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 3467-3479	6.9	28
148	. <i>IEEE Wireless Communications Letters</i> , <b>2016</b> , 5, 420-423	5.9	10
147	Design of Binary Quantizers for Distributed Detection Under Secrecy Constraints. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 2636-2648	4.8	10
146	A Coalitional Game for Distributed Inference in Sensor Networks With Dependent Observations. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 1854-1866	4.8	9
145	Permutation Trellis Coded Multi-Level FSK Signaling to Mitigate Primary User Interference in Cognitive Radio Networks. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 104-116	6.9	14
144	. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 556-566	4.8	9
143	Towards the design of prospect-theory based human decision rules for hypothesis testing <b>2016</b> ,		11
142	Autonomous Fall Detection With Wearable Cameras by Using Relative Entropy Distance Measure. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2016</b> , 1-9	4.1	24
141	Learning equilibria for power allocation games in cognitive radio networks with a jammer <b>2016</b> ,		2
140	Optimal Byzantine attack for distributed inference with M-ary quantized data <b>2016</b> ,		2
139	Coupled Detection and Estimation Based Censored Spectrum Sharing in Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 4206-4217	9.6	6
138	Sensor Selection for Estimation with Correlated Measurement Noise. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 3509-3522	4.8	88
137	Matching theory for cognitive spectrum allocation in wireless networks <b>2016</b> ,		4
136	Optimal energy allocation and storage control for distributed estimation with sensor collaboration <b>2016</b> ,		6



135	Optimized Sensor Collaboration for Estimation of Temporally Correlated Parameters. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 6613-6626	4.8	16
134	. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 8093-8106	9.6	22
133	Universal Collaboration Strategies for Signal Detection: A Sparse Learning Approach. <i>IEEE Signal Processing Letters</i> , <b>2016</b> , 23, 1484-1488	3.2	4
132	Distributed Maximum Likelihood Classification of Linear Modulations Over Nonidentical Flat Block-Fading Gaussian Channels. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 724-737	9.6	18
131	. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 2582-2596	4.8	28
130	Target Tracking via Crowdsourcing: A Mechanism Design Approach. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 1464-1476	4.8	19
129	Wireless Compressive Sensing Over Fading Channels With Distributed Sparse Random Projections. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2015</b> , 1, 33-44	2.8	19
128	Distributed Detection in Tree Networks: Byzantines and Mitigation Techniques. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2015</b> , 10, 1499-1512	8	20
127	Subspace Recovery From Structured Union of Subspaces. <i>IEEE Transactions on Information Theory</i> , <b>2015</b> , 61, 2101-2114	2.8	7
126	Compressive Sensing Based Probabilistic Sensor Management for Target Tracking in Wireless Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 6049-6060	4.8	21
125	Distributed Bayesian Detection in the Presence of Byzantine Data. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 5250-5263	4.8	80
124	Asynchronous Linear Modulation Classification With Multiple Sensors via Generalized EM Algorithm. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 6389-6400	9.6	22
123	Distributed Detection Over Channels with Memory. <i>IEEE Signal Processing Letters</i> , <b>2015</b> , 22, 2494-2498	3.2	7
122	On optimal sensor collaboration for distributed estimation with individual power constraints <b>2015</b> ,		1
121	Decision fusion by people: Experiments, models, and sociotechnical system design <b>2015</b> ,		2
120	Fusing Censored Dependent Data for Distributed Detection. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 4385-4395	4.8	16
119	Target Localization in Wireless Sensor Networks Using Error Correcting Codes. <i>IEEE Transactions on Information Theory</i> , <b>2014</b> , 60, 697-712	2.8	34
118	Sensor Selection Based on Generalized Information Gain for Target Tracking in Large Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 363-375	4.8	84

117	Asymptotic Performance of Categorical Decision Making with Random Thresholds. <i>IEEE Signal Processing Letters</i> , <b>2014</b> , 21, 994-997	3.2	5
116	Reliable Crowdsourcing for Multi-Class Labeling Using Coding Theory. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2014</b> , 8, 667-679	7.5	36
115	Micro-Doppler Parameter Estimation via Parametric Sparse Representation and Pruned Orthogonal Matching Pursuit. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2014</b> , 7, 4937-4948	4.7	55
114	Assuring privacy and reliability in crowdsourcing with coding <b>2014</b> ,		19
113	Energy-Aware Sensor Selection in Field Reconstruction. <i>IEEE Signal Processing Letters</i> , <b>2014</b> , 21, 1476-1480	3.2	24
112	On Quantizer Design for Distributed Bayesian Estimation in Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 5359-5369	4.8	17
111	Probabilistic sensor management for target tracking via compressive sensing <b>2014</b> ,		5
110	Market based sensor mobility management for target localization <b>2014</b> ,		1
109	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2014</b> , 50, 1826-1840	3.7	8
108	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2014</b> , 50, 2664-2678	3.7	23
107	Distributed Compressive Detection with Perfect Secrecy <b>2014</b> ,		6
106	On physical layer secrecy of collaborative compressive detection <b>2014</b> ,		8
105	Distributed Inference With M-Ary Quantized Data in the Presence of Byzantine Attacks. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 2681-2695	4.8	23
104	OMP Based Joint Sparsity Pattern Recovery Under Communication Constraints. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 5059-5072	4.8	33
103	Multisensor Modulation Classification (MMC): Implementation Considerations -- USRP Case Study <b>2014</b> ,		7
102	On optimal sensor collaboration topologies for linear coherent estimation <b>2014</b> ,		6
101	Modulation Discovery Over Arbitrary Additive Noise Channels Based on the Richardson-Lucy Algorithm. <i>IEEE Signal Processing Letters</i> , <b>2014</b> , 21, 756-760	3.2	6
100	Sparsity-aware field estimation via ordinary Kriging <b>2014</b> ,		17

99	Distributed Detection in Tree Topologies With Byzantines. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 3208-3219	4.8	54
98	Optimal Byzantine attacks on distributed detection in tree-based topologies <b>2013</b> ,		15
97	Optimum Power Randomization for the Minimization of Outage Probability. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 4627-4637	9.6	10
96	On covert data falsification attacks on distributed detection systems <b>2013</b> ,		9
95	Linear Coherent Estimation With Spatial Collaboration. <i>IEEE Transactions on Information Theory</i> , <b>2013</b> , 59, 3532-3553	2.8	25
94	On optimal periodic sensor scheduling for field estimation in wireless sensor networks <b>2013</b> ,		2
93	Localization in Wireless Sensor Networks: Byzantines and Mitigation Techniques. <i>IEEE Transactions on Signal Processing</i> , <b>2013</b> , 61, 1495-1508	4.8	73
92	Noise-refined image enhancement using multi-objective optimisation. <i>IET Image Processing</i> , <b>2013</b> , 7, 191-200	1.7	7
91	A market based dynamic bit allocation scheme for target tracking in wireless sensor networks <b>2013</b> ,		19
90	An incentive-based mechanism for location estimation in wireless sensor networks <b>2013</b> ,		6
89	Distributed Inference with Byzantine Data: State-of-the-Art Review on Data Falsification Attacks. <i>IEEE Signal Processing Magazine</i> , <b>2013</b> , 30, 65-75	9.4	86
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52	Performance analysis of stochastic signal detection with compressive measurements <b>2010</b> ,		11
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50	A novel framework for distributed detection with dependent observations <b>2010</b> ,		3
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