

Thakshila Wimalajeewa

List of Publications by Year in descending order

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33
papers

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citations

623188

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all docs

33
docs citations

33
times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Dimensional Approach for Reconstruction of Airfoil Data via Compressive Sensing. AIAA Journal, 2015, 53, 920-933.	1.5	73
2	Optimal Power Scheduling for Correlated Data Fusion in Wireless Sensor Networks via Constrained PSO. IEEE Transactions on Wireless Communications, 2008, 7, 3608-3618.	6.1	71
3	Performance Limits of Compressive Sensing-Based Signal Classification. IEEE Transactions on Signal Processing, 2012, 60, 2758-2770.	3.2	47
4	OMP Based Joint Sparsity Pattern Recovery Under Communication Constraints. IEEE Transactions on Signal Processing, 2014, 62, 5059-5072.	3.2	47
5	Sparse Signal Detection With Compressive Measurements via Partial Support Set Estimation. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 46-60.	1.6	42
6	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.	6.1	34
7	Asynchronous Linear Modulation Classification With Multiple Sensors via Generalized EM Algorithm. IEEE Transactions on Wireless Communications, 2015, 14, 6389-6400.	6.1	29
8	Compressive Sensing Based Probabilistic Sensor Management for Target Tracking in Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2015, 63, 6049-6060.	3.2	28
9	Cooperative sparsity pattern recovery in distributed networks via distributed-OMP. , 2013, , .		27
10	Collaborative Compressive Detection With Physical Layer Secrecy Constraints. IEEE Transactions on Signal Processing, 2017, 65, 1013-1025.	3.2	26
11	Copula Based Classifier Fusion Under Statistical Dependence. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2740-2748.	9.7	23
12	Wireless Compressive Sensing Over Fading Channels With Distributed Sparse Random Projections. IEEE Transactions on Signal and Information Processing Over Networks, 2015, 1, 33-44.	1.6	22
13	Performance Bounds for Sparsity Pattern Recovery With Quantized Noisy Random Projections. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 43-57.	7.3	20
14	Prospect Theoretic Utility Based Human Decision Making in Multi-Agent Systems. IEEE Transactions on Signal Processing, 2020, 68, 1091-1104.	3.2	20
15	Performance analysis of stochastic signal detection with compressive measurements. , 2010, , .		19
16	Compressive Sensing-Based Detection With Multimodal Dependent Data. IEEE Transactions on Signal Processing, 2018, 66, 627-640.	3.2	16
17	Impact of mobile node density on detection performance measures in a hybrid sensor network. IEEE Transactions on Wireless Communications, 2010, 9, 1760-1769.	6.1	14
18	Collaborative Human Decision Making With Random Local Thresholds. IEEE Transactions on Signal Processing, 2013, 61, 2975-2989.	3.2	14

#	ARTICLE	IF	CITATIONS
19	Subspace Recovery From Structured Union of Subspaces. IEEE Transactions on Information Theory, 2015, 61, 2101-2114.	1.5	13
20	Multisensor Modulation Classification (MMC): Implementation Considerations – USRP Case Study., 2014, , .		12
21	Measurement Matrix Design for Compressed Detection With Secrecy Guarantees. IEEE Wireless Communications Letters, 2016, 5, 420-423.	3.2	12
22	On physical layer secrecy of collaborative compressive detection. , 2014, , .		10
23	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.	1.6	9
24	Distributed Compressive Detection with Perfect Secrecy. , 2014, , .		7
25	On Integrating Human Decisions with Physical Sensors for Binary Decision Making. , 2018, , .		7
26	Asymptotic Performance of Categorical Decision Making with Random Thresholds. IEEE Signal Processing Letters, 2014, 21, 994-997.	2.1	6
27	Probabilistic sensor management for target tracking via compressive sensing. , 2014, , .		6
28	Compressive Sensing Based Classification in the Presence of Intra-and Inter-Signal Correlation. IEEE Signal Processing Letters, 2018, 25, 1398-1402.	2.1	6
29	Distributed Node Selection for Sequential Estimation over Noisy Communication Channels. IEEE Transactions on Wireless Communications, 2010, 9, 2290-2301.	6.1	5
30	A Novel Distributed Mobility Protocol for Dynamic Coverage in Sensor Networks. , 2010, , .		4
31	Detection of Single Versus Multiple Antenna Transmission Systems Using Pilot Data. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 159-171.	1.6	2
32	A non-parametric approach for spectrum sensing with multiple antenna cognitive radios in the presence of Non-Gaussian noise. , 2011, , .		1
33	Detection with multimodal dependent data using low-dimensional random projections. , 2017, , .		1