

# Jayakrishnan Unnikrishnan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6445980/publications.pdf>

Version: 2024-02-01

35  
papers

1,129  
citations

1051969

10  
h-index

1113639

15  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint Beamforming and Association Design for MIMO Radar. IEEE Transactions on Signal Processing, 2019, 67, 3663-3675.	3.2	8
2	Unlabeled Sensing With Random Linear Measurements. IEEE Transactions on Information Theory, 2018, 64, 3237-3253.	1.5	51
3	Impedance-based Induction Motor Bearing Failure Detection Applied to X-Ray Tube. , 2018, , .		0
4	Association-Aware Radar Beamforming. , 2018, , .		1
5	On characterizing protein spatial clusters with correlation approaches. Scientific Reports, 2016, 6, 31164.	1.6	9
6	Weak Convergence Analysis of Asymptotically Optimal Hypothesis Tests. IEEE Transactions on Information Theory, 2016, 62, 4285-4299.	1.5	6
7	Where You Are Is Who You Are: User Identification by Matching Statistics. IEEE Transactions on Information Forensics and Security, 2016, 11, 358-372.	4.5	87
8	Unlabeled sensing: Solving a linear system with unordered measurements. , 2015, , .		20
9	Accounting for Limited Detection Efficiency and Localization Precision in Cluster Analysis in Single Molecule Localization Microscopy. PLoS ONE, 2015, 10, e0118767.	1.1	12
10	Mobile sampling of bandlimited fields. , 2015, , .		0
11	On minimal trajectories for mobile sampling of bandlimited fields. Applied and Computational Harmonic Analysis, 2015, 39, 487-510.	1.1	23
12	Asymptotically Optimal Matching of Multiple Sequences to Source Distributions and Training Sequences. IEEE Transactions on Information Theory, 2015, 61, 452-468.	1.5	35
13	Sampling 2-D signals on a union of lattices that intersect on a lattice. , 2014, , .		0
14	Privacy-preserving function computation by exploitation of friendships in social networks. , 2014, , .		2
15	Sampling High-Dimensional Bandlimited Fields on Low-Dimensional Manifolds. IEEE Transactions on Information Theory, 2013, 59, 2103-2127.	1.5	23
16	De-anonymizing private data by matching statistics. , 2013, , .		17
17	Monitoring network structure and content quality of signal processing articles on wikipedia. , 2013, , .		1
18	Sampling and Reconstruction of Spatial Fields Using Mobile Sensors. IEEE Transactions on Signal Processing, 2013, 61, 2328-2340.	3.2	39

#	ARTICLE	IF	CITATIONS
19	On optimal two sample homogeneity tests for finite alphabets. , 2012, , .		9
20	On sampling a high-dimensional bandlimited field on a union of shifted lattices. , 2012, , .		6
21	Sampling and reconstructing spatial fields using mobile sensors. , 2012, , .		16
22	Universal and Composite Hypothesis Testing via Mismatched Divergence. IEEE Transactions on Information Theory, 2011, 57, 1587-1603.	1.5	34
23	Minimax Robust Quickest Change Detection. IEEE Transactions on Information Theory, 2011, 57, 1604-1614.	1.5	45
24	Sampling trajectories for mobile sensing. , 2011, , .		1
25	Model-fitting in the presence of outliers. , 2011, , .		1
26	On thresholds for robust goodness-of-fit tests. , 2010, , .		6
27	Algorithms for Dynamic Spectrum Access With Learning for Cognitive Radio. IEEE Transactions on Signal Processing, 2010, 58, 750-760.	3.2	108
28	Approximate dynamic programming using fluid and diffusion approximations with applications to power management. , 2009, , .		17
29	Least favorable distributions for robust quickest change detection. , 2009, , .		2
30	Statistical SVMs for robust detection, supervised learning, and universal classification. , 2009, , .		6
31	Cooperative Sensing for Primary Detection in Cognitive Radio. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 18-27.	7.3	444
32	Dynamic spectrum access with learning for cognitive radio. , 2008, , .		13
33	Dynamic spectrum access policies for cognitive radio. , 2008, , .		3
34	Decentralized Detection with Correlated Observations. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	10
35	Cooperative Spectrum Sensing and Detection for Cognitive Radio. , 2007, , .		74