Siddharth Deshmukh

List of Publications by Year
in descending order

24 papers	318 citations	1478505 6 h-index	1372567 10 g-index
24 all docs	24 docs citations	24 times ranked	362 citing authors

#	Article	IF	Citations
1	Voltage/VAR Control in Distribution Networks via Reactive Power Injection Through Distributed Generators. IEEE Transactions on Smart Grid, 2012, 3, 1226-1234.	9.0	139
2	State Estimation Over a Lossy Network in Spatially Distributed Cyber-Physical Systems. IEEE Transactions on Signal Processing, 2014, 62, 3911-3923.	5.3	69
3	Distributed Resource Allocation in Underlay Multicast D2D Communications. IEEE Transactions on Communications, 2021, 69, 3409-3422.	7.8	17
4	Analysis and design of an efficient handoff management strategy via velocity estimation in HetNets. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3642.	3.9	14
5	Prior Information-Based Bayesian MMSE Estimation of Velocity in HetNets. IEEE Wireless Communications Letters, 2019, 8, 81-84.	5.0	13
6	Deep Learning-Based Modulation Classification Using Time and Stockwell Domain Channeling. , 2019, , .		12
7	MVU Estimate of User Velocity via Gamma Distributed Handover Count in HetNets. IEEE Communications Letters, 2019, 23, 482-485.	4.1	9
8	Robust Sum-Rate Maximization for Underlay Device-to-Device Communications on Multiple Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 3075-3091.	6.3	7
9	Reliable Underlay Device-to-Device Communications on Multiple Channels. , 2019, , .		5
10	Energy Efficient AoI Minimization in Opportunistic NOMA/OMA Broadcast Wireless Networks. IEEE Transactions on Green Communications and Networking, 2022, 6, 1009-1022.	5.5	5
11	Sojourn time based maximum likelihood estimator for velocity estimation in HetNets. , 2017, , .		4
12	Blind Identification of Radio Access Techniques Based on Time-Frequency Analysis and Convolutional Neural Network. , 2018, , .		4
13	Doppler Scaling Factor Estimation and Receiver Design for Underwater Acoustic Communication. Wireless Personal Communications, 2019, 108, 2415-2433.	2.7	4
14	Handover Count Based MAP Estimation of Velocity With Prior Distribution Approximated via NGSIM Data-Set. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4352-4361.	8.0	4
15	Blind parameter estimation based matched filter detection for cognitive radio networks. , 2015, , .		3
16	Decision boundary for underwater acoustic communication with generalized Gaussian noise model. , 2016, , .		2
17	Ambiguity-region analysis for double threshold energy detection in cooperative spectrum sensing. , 2017, , .		2
18	Maximum likelihood estimator for velocity estimation in HetNets based on handoff count. , 2017, , .		1

#	Article	IF	Citations
19	ML based velocity estimator via gamma distributed handover counts in HetNets. , 2017, , .		1
20	Optimization of Majority Rule Threshold in Double Threshold Based Cooperative Cognitive Radio Network. , 2018, , .		1
21	Performance Analysis of UABS Assisted Heterogeneous Network for Disaster Management. , 2019, , .		1
22	Reliable Multicast D2D Communication Over Multiple Channels in Underlay Cellular Networks. , 2020, , .		1
23	Cellular capacity maximization via robust downlink beamforming. , 2015, , .		0
24	Non-Uniform Quantization based Reporting in Cooperative Cognitive Radio. , 2018, , .		0