Anirudh Agarwal

List of Publications by Year
in descending order

18 papers	124 citations	1937685 4 h-index	1720034 7 g-index
18 all docs	18 docs citations	18 times ranked	129 citing authors

#	Article	IF	Citations
1	Learning based primary user activity prediction in cognitive radio networks for efficient dynamic spectrum access. , 2016, , .		44
2	Spectrum Occupancy Prediction for Realistic Traffic Scenarios: Time Series versus Learning-Based Models. Journal of Communications and Information Networks, 2018, 3, 44-51.	5.2	14
3	Predictive spectrum occupancy probability‐based spatio‐temporal dynamic channel allocation map for future cognitive wireless networks. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3442.	3.9	11
4	A novel noise floor estimation technique for optimized thresholding in spectrum sensing. , 2017, , .		9
5	A real time measurement based spectrum occupancy investigation in north-western india for Cognitive Radio applications. , 2016, , .		7
6	Wireless Powered Protocol Exploiting Energy Harvesting During Cognitive Communications. IEEE Wireless Communications Letters, 2020, 9, 813-816.	5.0	5
7	Hardware implementation of k-means clustering based spectrum sensing using usrp in a cognitive radio system. , 2017, , .		4
8	Learning‐based predictive dynamic spectrum access framework: a practical perspective for enhanced QoE of secondary users. IET Communications, 2018, 12, 2243-2252.	2.2	4
9	Outage Analysis based Channel Allocation for Underlay D2D Communication in Fading Scenarios. , 2019, , .		4
10	Multichannel allocation for full‐duplex underlay device‐to‐device communication. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3852.	3.9	4
11	Adaptive bit and power allocation for dual mode index modulation based OFDM system. Physical Communication, 2020, 40, 101093.	2.1	4
12	Generalized Statistical Spectrum Occupancy Modelling and its Learning based Predictive Validation. , 2018, , .		3
13	Outage probability minimization based power control and channel allocation in underlay D2D‐NOMA for IoT networks. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	3
14	A novel multi‐hop routing structure for throughput maximization in unmanned aerial vehicle assisted flying ad‐hoc networks. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	3
15	Secondary User QoE Enhancement Through Learning Based Predictive Spectrum Access in Cognitive Radio Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 166-178.	0.3	2
16	Cystic Fibrosis: Need for Mass Deployable Screening Methods. Applied Biochemistry and Biotechnology, 2014, 174, 1127-1136.	2.9	1
17	Impact of primary user duty cycle on cognitive secondary user utilization efficiency in a generalized η-μ fading channel. , 2015, , .		1
18	Prediction Over Estimation: A Novel Energy Efficient Approach to Channel Learning. IEEE Networking Letters, 2021, 3, 168-171.	1.9	1