

# Anirudh Agarwal

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

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citations

1937685

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1720034

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docs citations

18  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Prediction Over Estimation: A Novel Energy Efficient Approach to Channel Learning. IEEE Networking Letters, 2021, 3, 168-171.	1.9	1
4	Wireless Powered Protocol Exploiting Energy Harvesting During Cognitive Communications. IEEE Wireless Communications Letters, 2020, 9, 813-816.	5.0	5
5	Multichannel allocation for full-duplex underlay device-to-device communication. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3852.	3.9	4
6	Adaptive bit and power allocation for dual mode index modulation based OFDM system. Physical Communication, 2020, 40, 101093.	2.1	4
7	Outage Analysis based Channel Allocation for Underlay D2D Communication in Fading Scenarios. , 2019, , .		4
8	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
9	Generalized Statistical Spectrum Occupancy Modelling and its Learning based Predictive Validation. , 2018, , .		3
10	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
11	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
12	Hardware implementation of k-means clustering based spectrum sensing using usrp in a cognitive radio system. , 2017, , .		4
13	A novel noise floor estimation technique for optimized thresholding in spectrum sensing. , 2017, , .		9
14	A real time measurement based spectrum occupancy investigation in north-western india for Cognitive Radio applications. , 2016, , .		7
15	Learning based primary user activity prediction in cognitive radio networks for efficient dynamic spectrum access. , 2016, , .		44
16	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
17	Impact of primary user duty cycle on cognitive secondary user utilization efficiency in a generalized $\hat{\Gamma}^{-1/4}$ fading channel. , 2015, , .		1
18	Cystic Fibrosis: Need for Mass Deployable Screening Methods. Applied Biochemistry and Biotechnology, 2014, 174, 1127-1136.	2.9	1