

Abhishek Kumar Gupta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4446224/publications.pdf>

Version: 2024-02-01

52
papers

1,270
citations

1039406

9
h-index

839053

18
g-index

54
all docs

54
docs citations

54
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	Coverage Analysis of Broadcast Networks With Users Having Heterogeneous Content/Advertisement Preferences. IEEE Transactions on Communications, 2022, 70, 2057-2071.	4.9	0
2	Impact of Blocking Correlation on the Performance of mmWave Cellular Networks. IEEE Transactions on Communications, 2022, 70, 4925-4939.	4.9	2
3	Coverage and Rate in MIMO Cellular Networks With Location-Aware Transmission Rank Selection. IEEE Wireless Communications Letters, 2022, 11, 2026-2030.	3.2	0
4	Diversity Combining in a Single-Input-Multiple-Output Molecular Communication System. , 2022, , .		1
5	On the Analysis of a Cellular Network with Macro-diversity using Stochastic Geometry. IEEE Communications Letters, 2021, , 1-1.	2.5	0
6	On the Performance of the Primary and Secondary Links in a 3-D Underlay Cognitive Molecular Communication. IEEE Transactions on Communications, 2021, 69, 8028-8041.	4.9	4
7	Millimeter-Wave and Terahertz Spectrum for 6G Wireless. Computer Communications and Networks, 2021, , 83-121.	0.8	65
8	k th Distance Distributions of n -Dimensional Matérn Cluster Process. IEEE Communications Letters, 2021, 25, 769-773.	2.5	4
9	k th distance distributions for generalized Gauss-Poisson process in n -Dimensional Matérn Cluster Process. IEEE Communications Letters, 2021, 25, 769-773.	0.4	1
10	On the Coverage of Broadcast Networks with Multiple Transmitters and Heterogeneous Users. , 2021, , .		0
11	Dynamic Online Learning via Frank-Wolfe Algorithm. IEEE Transactions on Signal Processing, 2021, 69, 932-947.	3.2	7
12	Fundamentals of Network Densification. , 2021, , 129-163.		4
13	Where to Deploy Reconfigurable Intelligent Surfaces in the Presence of Blockages?. , 2021, , .		4
14	Coverage Analysis of Cognitive mmWave Networks with Directional Sensing. , 2021, , .		0
15	Analysis of Diffusion Based Molecular Communication System with Multiple Transmitters. , 2020, , .		0
16	SINR and Rate Coverage of Broadcast Networks using Stochastic Geometry. , 2020, , .		4
17	On the Coverage Performance of Boolean-Poisson Cluster Models for Wireless Sensor Networks. , 2020, , .		1
18	Projection Free Dynamic Online Learning. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
19	3-D Diffusive Molecular Communication With Two Fully-Absorbing Receivers: Hitting Probability and Performance Analysis. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2020, 6, 244-249.	1.4	9
20	Detection Probability in a Molecular Communication via Diffusion System With Multiple Fully-Absorbing Receivers. IEEE Communications Letters, 2020, 24, 2824-2828.	2.5	7
21	On the Contact and Nearest-Neighbor Distance Distributions for the $\{n\}$ -Dimensional Matérn Cluster Process. IEEE Wireless Communications Letters, 2020, 9, 394-397.	3.2	9
22	Does Blockage Correlation Matter in the Performance of mmWave Cellular Networks?. , 2020, , .		2
23	Comments on "Coverage Analysis of Multiuser Visible Light Communication Networks". IEEE Transactions on Wireless Communications, 2019, 18, 4605-4606.	6.1	3
24	Modeling and Analysis of Heterogeneous Traffic Networks with Anarchists and Socialist Traffic. , 2019, , .		1
25	System-Level Performance Analysis of DOA Estimation in Cellular Networks using Stochastic Geometry. , 2019, , .		0
26	Analysis of Diffusion Based Molecular Communication With Multiple Transmitters Having Individual Random Information Bits. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2019, 5, 176-188.	1.4	7
27	On Detection of Critical Events in a Finite Forest using Randomly Deployed Wireless Sensors. , 2019, , .		3
28	Macrodiversity in Cellular Networks With Random Blockages. IEEE Transactions on Wireless Communications, 2018, 17, 996-1010.	6.1	60
29	Modeling Infrastructure Sharing in mmWave Networks With Shared Spectrum Licenses. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 328-343.	4.9	26
30	On Association and Bandwidth Allocation for Hybrid RF/VLC Systems. , 2018, , .		1
31	Modeling and Analysis of Wildfire Detection using Wireless Sensor Network with Poisson Deployment. , 2018, , .		3
32	On Socially Optimal Traffic Flow in the Presence of Random Users. , 2018, , .		4
33	On the Spatial Performance of Users in Indoor VLC Networks with Multiple Reflections. , 2018, , .		6
34	Impact of Correlation between Link Blockages on Macro-Diversity Gains in mmWave Networks. , 2018, , .		10
35	A Model for Infrastructure Sharing in mmWave Cellular Networks. , 2018, , .		1
36	Can operators simply share millimeter wave spectrum licenses?. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
37	Restricted Secondary Licensing for mmWave Cellular: How Much Gain Can Be Obtained?. , 2016, , .		3
38	On the Feasibility of Sharing Spectrum Licenses in mmWave Cellular Systems. IEEE Transactions on Communications, 2016, 64, 3981-3995.	4.9	94
39	Rate analysis and feasibility of dynamic TDD in 5G cellular systems. , 2016, , .		37
40	Are we approaching the fundamental limits of wireless network densification?. , 2016, 54, 184-190.		145
41	Gains of Restricted Secondary Licensing in Millimeter Wave Cellular Systems. IEEE Journal on Selected Areas in Communications, 2016, 34, 2935-2950.	9.7	31
42	Modeling and Analyzing Millimeter Wave Cellular Systems. IEEE Transactions on Communications, 2016, , 1-1.	4.9	486
43	Potential throughput in 3D ultradense cellular networks. , 2015, , .		7
44	Impact of Antenna Correlation on Optimum Improved Energy Detector in Cognitive Radio. IEICE Transactions on Communications, 2015, E98.B, 1690-1699.	0.4	0
45	SINR and Throughput Scaling in Ultradense Urban Cellular Networks. IEEE Wireless Communications Letters, 2015, 4, 605-608.	3.2	61
46	Distributed self localization of sensors with poisson deployment using extended Kalman filter. , 2015, , .		0
47	Numerical Methods using MATLAB. , 2014, , .		13
48	Downlink Multi-Antenna Heterogeneous Cellular Network With Load Balancing. IEEE Transactions on Communications, 2014, 62, 4052-4067.	4.9	97
49	Downlink coverage probability in MIMO HetNets with flexible cell selection. , 2014, , .		19
50	Regression and Model Fitting. , 2014, , 107-118.		0
51	Monte Carlo Simulations. , 2014, , 69-80.		0
52	SNR wall for generalized energy detection under noise uncertainty in cognitive radio. , 2013, , .		17