Akhil Gupta

List of Publications by Year in Descending Order

27 papers	1,482 citations
7 h-index	35 g-index
35 ext. papers	2,069 ext. citations
2.7 avg, IF	5.66 L-index

#	Paper	IF	Citations
27	Performance Analysis at different millimetre wave frequencies for indoor shopping complex and outdoor UAV applications towards 5G. *Microprocessors and Microsystems*, **2022**, 90, 104506	2.4	1
26	Performance Evaluation of Cooperative OMA and NOMA Systems in 6G Deployment Scenarios. *Sensors*, **2022**, 22, 3986	3.8	0
25	Error Analysis of Grouped Multilevel Space-Time Trellis Coding with the Combined Application of Massive MIMO and Cognitive Radio. *Wireless Personal Communications*, **2021**, 117, 461-482	1.9	2
24	Optimization of Spectral Efficiency in Massive MIMO Network for Different Deployment Scenarios. *International Journal of Sensors, Wireless Communications and Control*, **2021**, 11, 700-714	0.4	
23	Adaptive NOMA towards 5G green wireless network. *Transactions on Emerging Telecommunications Technologies*, **2020**, 31, e3887	1.9	3
22	3T-FASDM: Linear discriminant analysis-based three-tier face anti-spoofing detection model using support vector machine. *International Journal of Communication Systems*, **2020**, 33, e4441	1.7	1
21	User Association, Power Control and Channel Access Schemes for Two-Tier Macro-Femto Networks: CDF of SINR Analysis. *IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)*, **2020**, 1-12	1.5	5
20	. *IEEE Network*, **2020**, 34, 281-287	11.4	1
19	Higher Order QAM Schemes in 5G UFMC system **2020**,		4
18	Power optimization with low complexity using scaled beamforming approach for a massive MIMO and small cell scenario. *Wireless Networks*, **2020**, 26, 1165-1176	2.5	0
17	Energy-Efficient Adaptive Sectorization for 5G Green Wireless Communication Systems. *IEEE Systems Journal*, **2020**, 14, 2382-2391	4.3	5
16	Energy and spectral efficiency optimization using probabilistic based spectrum slicing (PBSS) in different zones of 5G wireless communication network. *Telecommunication Systems*, **2020**, 73, 59-73	2.3	3
15	Power and energy optimization with reduced complexity in different deployment scenarios of massive MIMO network. *International Journal of Communication Systems*, **2019**, 32, e3907	1.7	4
14	Performance Analysis of Space Time Trellis Codes in Rayleigh Fading Channel. *Advances in Intelligent Systems and Computing*, **2019**, 957-967	0.4	1
13	Performance Evaluation of Spatial Multiplexing Using Different Modulation Techniques in MIMO System for Small and Large Scale Fading Channel. *International Journal of Sensors, Wireless Communications and Control*, **2019**, 9, 188-202	0.4	1
12	Performance Analysis of Grouped Multilevel Space-Time Trellis Coding Technique Using Cognitive Radio in Different Deployment Models. *Wireless Communications and Mobile Computing*, **2019**, 2019, 1-20	1.9	2
11	Bandwidth Spoofing and Intrusion Detection System for Multistage 5G Wireless Communication Network. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 618-632	6.8	27

List of Publications

No.	Publication	IF	Cit.
10	A survey on energy efficient 5G green network with a planned multi-tier architecture. *Journal of Network and Computer Applications*, **2018**, 118, 1-28	7.9	30
9	Performance Evaluation of Different Channel Estimation Techniques in MIMO System for Hata Channel Model **2018**,		1
8	Security Architecture of 5G Wireless Communication Network. *International Journal of Sensors, Wireless Communications and Control*, **2018**, 8, 92-99	0.4	3
7	Power optimization using massive MIMO and small cells approach in different deployment scenarios. *Wireless Networks*, **2017**, 23, 959-973	2.5	13
6	Power optimization using optimal small cell arrangements in different deployment scenarios. *International Journal of Communication Systems*, **2017**, 30, e3279	1.7	5
5	Implementation of Intrusion Detection System using Adaptive Neuro-Fuzzy Inference System for 5G wireless communication network. *AEU - International Journal of Electronics and Communications*, **2017**, 74, 94-106	2.8	27
4	Attack modeling and intrusion detection system for 5G wireless communication network. *International Journal of Communication Systems*, **2017**, 30, e3237	1.7	10
3	Security threats of wireless networks: A survey **2015**,		8
2	A Survey of 5G Network: Architecture and Emerging Technologies. *IEEE Access*, **2015**, 3, 1206-1232	3.5	1318
1	Security enhancement in cellular networks employing D2D friendly jammer for V2V communication. *Cluster Computing*,1	2.1	