Dr Shree Krishna Sharma

List of Publications by Year
in descending order

22 papers	2,273 citations	567281 15 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	2481 citing authors

#	Article	IF	Citations
1	Ambient Backscatter Assisted Co-Existence in Aerial-IRS Wireless Networks. IEEE Open Journal of the Communications Society, 2022, 3, 608-621.	6.9	6
2	Architectures and Synchronization Techniques for Distributed Satellite Systems: A Survey. IEEE Access, 2022, 10, 45375-45409.	4.2	14
3	IoV-Based Deployment and Scheduling of Charging Infrastructure in Intelligent Transportation Systems. IEEE Sensors Journal, 2021, 21, 15504-15514.	4.7	17
4	Satellite Communications in the New Space Era: A Survey and Future Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 70-109.	39.4	447
5	Efficient Federated Learning Algorithm for Resource Allocation in Wireless IoT Networks. IEEE Internet of Things Journal, 2021, 8, 3394-3409.	8.7	61
6	Non-Coherent and Backscatter Communications: Enabling Ultra-Massive Connectivity in 6G Wireless Networks. IEEE Access, 2021, 9, 38144-38186.	4.2	41
7	Short-Packet Communications for MIMO NOMA Systems Over Nakagami-m Fading: BLER and Minimum Blocklength Analysis. IEEE Transactions on Vehicular Technology, 2021, 70, 3583-3598.	6.3	40
8	System Modeling and Design Aspects of Next Generation High Throughput Satellites. IEEE Communications Letters, 2021, 25, 2443-2447.	4.1	14
9	Next-Generation Consumer Electronics for 6G Wireless Era. IEEE Access, 2021, 9, 143198-143211.	4.2	9
10	Toward Massive Machine Type Communications in Ultra-Dense Cellular IoT Networks: Current Issues and Machine Learning-Assisted Solutions. IEEE Communications Surveys and Tutorials, 2020, 22, 426-471.	39.4	256
11	Weighted Sum-SINR and Fairness Optimization for SWIPT-Multigroup Multicasting Systems With Heterogeneous Users. IEEE Open Journal of the Communications Society, 2020, 1, 1470-1484.	6.9	5
12	Joint Power and Resource Block Allocation for Mixed-Numerology-Based 5G Downlink Under Imperfect CSI. IEEE Open Journal of the Communications Society, 2020, 1, 1583-1601.	6.9	24
13	On the Spectral and Energy Efficiencies of Full-Duplex Cell-Free Massive MIMO. IEEE Journal on Selected Areas in Communications, 2020, 38, 1698-1718.	14.0	64
14	A RAN Resource Slicing Mechanism for Multiplexing of eMBB and URLLC Services in OFDMA Based 5G Wireless Networks. IEEE Access, 2020, 8, 45674-45688.	4.2	53
15	Toward Tactile Internet in Beyond 5G Era: Recent Advances, Current Issues, and Future Directions. IEEE Access, 2020, 8, 56948-56991.	4.2	114
16	The Potential Short- and Long-Term Disruptions and Transformative Impacts of 5G and Beyond Wireless Networks: Lessons Learnt From the Development of a 5G Testbed Environment. IEEE Access, 2020, 8, 11352-11379.	4.2	47
17	5G Cellular and Fixed Satellite Service Spectrum Coexistence in C-Band. IEEE Access, 2020, 8, 72078-72094.	4.2	36
18	Collaborative Distributed Q-Learning for RACH Congestion Minimization in Cellular IoT Networks. IEEE Communications Letters, 2019, 23, 600-603.	4.1	55

#	ARTICLE	IF	CITATIONS
19	Distributed Caching Enabled Peak Traffic Reduction in Ultra-Dense IoT Networks. IEEE Communications Letters, 2018, 22, 1252-1255.	4.1	16
20	Dynamic Spectrum Sharing in 5G Wireless Networks With Full-Duplex Technology: Recent Advances and Research Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 674-707.	39.4	174
21	Simultaneous Wireless Information and Power Transfer (SWIPT): Recent Advances and Future Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 264-302.	39.4	585
22	Live Data Analytics With Collaborative Edge and Cloud Processing in Wireless IoT Networks. IEEE Access, 2017, 5, 4621-4635.	4.2	195