

Chuyen T Nguyen

List of Publications by Year in descending order

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50
papers

288
citations

1040056

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g-index

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all docs

50
docs citations

50
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Efficiency of Full-Duplex Multi-user System: Beamforming Design, User Grouping, and Time Allocation. IEEE Access, 2017, 5, 5785-5797.	4.2	26
2	A Comprehensive Distributed Queue-Based Random Access Framework for mMTC in LTE/LTE-A Networks With Mixed-Type Traffic. IEEE Transactions on Vehicular Technology, 2019, 68, 12107-12120.	6.3	21
3	Design and Performance Analysis of a Novel Distributed Queue Access Protocol for Cellular-Based Massive M2M Communications. IEEE Access, 2018, 6, 3008-3019.	4.2	20
4	Underwater optical wireless communication-based IoUT networks: MAC performance analysis and improvement. Optical Switching and Networking, 2020, 37, 100570.	2.0	20
5	Throughput Analysis of Incremental Redundancy Hybrid ARQ for FSO-Based Satellite Systems. , 2019, , .		15
6	On the Throughput Performance of TCP Cubic in Millimeter-Wave Cellular Networks. IEEE Access, 2019, 7, 178618-178630.	4.2	15
7	Probabilistic Dynamic Framed Slotted ALOHA for RFID Tag Identification. Wireless Personal Communications, 2013, 71, 2947-2963.	2.7	14
8	Design and Analysis of Sliding Window ARQ Protocols With Rate Adaptation for Burst Transmission Over FSO Turbulence Channels. Journal of Optical Communications and Networking, 2019, 11, 151.	4.8	13
9	Joint Task Offloading and Resource Management in NOMA-Based MEC Systems: A Swarm Intelligence Approach. IEEE Access, 2020, 8, 190463-190474.	4.2	11
10	TCP Performance Over Satellite-Based Hybrid FSO/RF Vehicular Networks: Modeling and Analysis. IEEE Access, 2021, 9, 108426-108440.	4.2	11
11	Modified tree-based identification protocols for solving hidden tag problem in RFID systems over fading channels. IET Communications, 2017, 11, 1132-1142.	2.2	9
12	Maximum Likelihood Approach for RFID Tag Cardinality Estimation under Capture Effect and Detection Errors. IEICE Transactions on Communications, 2013, E96.B, 1122-1129.	0.7	9
13	Joint Beamforming and Antenna Selection for Sum Rate Maximization in Cognitive Radio Networks. IEEE Communications Letters, 2017, 21, 1369-1372.	4.1	8
14	Probing Packet Retransmission Scheme in Underwater Optical Wireless Communication With Energy Harvesting. IEEE Access, 2021, 9, 34287-34297.	4.2	7
15	A cross-layer analysis of TCP/link adaptation technologies over free-space optical links with Markov error model. Photonic Network Communications, 2018, 36, 279-288.	2.7	6
16	Throughput and Delay Performance of Cooperative HARQ in Satellite-HAP-Vehicle FSO Systems. , 2021, , .		6
17	Secure Downlink Massive MIMO NOMA Network in the Presence of a Multiple-Antenna Eavesdropper. , 2019, , .		5
18	TCP over free-space optical links with ARQ and AMC: A cross-layer performance analysis. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	A novel approach to security enhancement of chaotic DSSS systems. , 2016, , .		4
20	Energy Harvesting for Throughput Enhancement of Cooperative Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2016, 12, 1962397.	2.2	4
21	Free Access Distributed Queue Protocol for Massive Cellular-Based M2M Communications with Bursty Traffic. , 2018, , .		4
22	Efficient Missing-Tag Event Detection Protocols to Cope with Unexpected Tags and Detection Error in RFID Systems. Wireless Communications and Mobile Computing, 2019, 2019, 1-11.	1.2	4
23	Energy-Efficient Precoding Designs for Multi-User Visible Light Communication Systems With Confidential Messages. IEEE Transactions on Green Communications and Networking, 2021, 5, 1974-1987.	5.5	4
24	Reliable Transmission for Underwater Optical Wireless Communication Networks with Energy Harvesting. , 2021, , .		4
25	Performance analysis and optimization of ergodic secrecy rates for downlink data transmission in massive MIMO-NOMA networks. Wireless Networks, 2022, 28, 355-365.	3.0	4
26	Maximum Likelihood Approach for RFID Tag Set Cardinality Estimation with Detection Errors. Wireless Personal Communications, 2013, 71, 2587-2603.	2.7	3
27	A Novel Effective DQ-Based Access Protocol with Load Estimation for Massive M2M Communications. , 2017, , .		3
28	SINR Performance Analysis of 3-D Underwater Optical Wireless Communication Networks. , 2019, , .		3
29	Tag Cardinality Estimation Using Expectation-Maximization in ALOHA-Based RFID Systems With Capture Effect and Detection Error. IEEE Wireless Communications Letters, 2019, 8, 636-639.	5.0	3
30	Computation offloading in cognitive radio NOMA-enabled multi-access edge computing systems. IET Communications, 2020, 14, 3404-3409.	2.2	3
31	Maximum a posteriori approach for anonymous RFID tag cardinality estimation. , 2012, , .		2
32	A simple method for localization in cognitive radio networks. , 2014, , .		2
33	Tweaked binary tree algorithm to cope with capture effect and detection error in RFID systems. , 2015, , .		2
34	Tweaked query tree algorithm to cope with capture effect and detection error in RFID systems. , 2015, , .		2
35	Performance analysis of hybrid ALOHA/CDMA anti-collision scheme for RFID systems over fading channels. , 2015, , .		2
36	An improved DQ access protocol for cellular-based massive M2M communications. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
37	Sliding Window Protocols with Rate Adaptation for FSO Burst Transmission over Turbulence Channels. , 2018, , .		2
38	Modeling and Throughput Analysis of FSO Systems using GBN-ARQ and AR Transmission over Atmospheric Turbulence Channels. , 2018, , .		2
39	Energy-Efficient Precoding for Multi-User Visible Light Communication with Confidential Messages. , 2021, , .		2
40	Performance evaluation of missing-tag algorithms in CDMA-based RFID systems. , 2016, , .		1
41	On the performance of TCP cubic over fading channels with AMC schemes. , 2017, , .		1
42	A simple method for anonymous tag cardinality estimation in RFID systems with false detection. , 2017, , .		1
43	Performance Analysis of Ergodic Secrecy Rates in Massive MIMO-NOMA Networks with Zero-Forcing Precoding. , 2019, , .		1
44	Small-Cell Assisted Group Paging for Massive MTC in LTE Networks: Design and Analysis. IEEE Access, 2021, 9, 40933-40949.	4.2	1
45	A Novel Virtual Small Cell-Based Group-Paging Scheme for Massive MTCs over LTE Networks. , 2020, , .		1
46	TCP over hybrid FSO/RF-based satellite networks in the presence of cloud coverage. IEICE Communications Express, 2022, 11, 649-654.	0.4	1
47	A simple method for localization in Wireless Sensor Networks. , 2014, , .		0
48	A Novel Time- and Energy-Efficient Tag Identification Protocol in Dense RFID Systems. , 2018, , .		0
49	Design and Analysis of a Novel Time- and Energy-Efficient $\<inline-formula\>\<tex-math\>\</tex-math\>\</inline-formula\>$ -Ary Tree Protocol With Collision Window for Dense RFID Systems. IEEE Access, 2018, 6, 58549-58563.	4.2	0
50	Outage performance analysis of relay-aided non-orthogonal multiple access networks with energy harvesting schemes. IET Communications, 2020, 14, 3013-3021.	2.2	0