

Francisco Lima

List of Publications by Year in descending order

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36
papers

278
citations

1163117

8
h-index

996975

15
g-index

36
all docs

36
docs citations

36
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive MIMO-NOMA Networks With Imperfect SIC: Design and Fairness Enhancement. IEEE Transactions on Wireless Communications, 2020, 19, 6100-6115.	9.2	60
2	IRS-Assisted Massive MIMO-NOMA Networks: Exploiting Wave Polarization. IEEE Transactions on Wireless Communications, 2021, 20, 7166-7183.	9.2	29
3	Resource Assignment for Rate Maximization With QoS Guarantees in Multiservice Wireless Systems. IEEE Transactions on Vehicular Technology, 2012, 61, 1318-1332.	6.3	24
4	Radio resource allocation framework for quality of experience optimization in wireless networks. IEEE Network, 2015, 29, 33-39.	6.9	22
5	Scheduling for Improving System Capacity in Multiservice 3GPP LTE. Journal of Electrical and Computer Engineering, 2010, 2010, 1-16.	0.9	21
6	Adaptive Power Factor Allocation for Cooperative Full-Duplex NOMA Systems With Imperfect SIC and Rate Fairness. IEEE Transactions on Vehicular Technology, 2020, 69, 14061-14066.	6.3	18
7	QoS based Radio Resource Allocation and Scheduling with Different User Data Rate Requirements for OFDMA Systems. , 2007, , .		13
8	Improved Spectral Efficiency With Acceptable Service Provision in Multiuser MIMO Scenarios. IEEE Transactions on Vehicular Technology, 2014, 63, 2697-2711.	6.3	13
9	Maximization of user satisfaction in OFDMA systems using utility-based resource allocation. Wireless Communications and Mobile Computing, 2016, 16, 376-392.	1.2	8
10	Non-Orthogonal Multiple Access in Two-Hop Wireless Powered Communication Networks. IEEE Wireless Communications Letters, 2020, 9, 1398-1402.	5.0	8
11	Radio resource allocation for maximization of user satisfaction. , 2008, , .		7
12	A Low Complexity Solution for Resource Allocation and SDMA Grouping in Massive MIMO Systems. , 2018, , .		6
13	A Framework for Radio Resource Allocation and SDMA Grouping in Massive MIMO Systems. IEEE Access, 2021, 9, 61680-61696.	4.2	6
14	Deep Reinforcement Learning for QoS-Constrained Resource Allocation in Multiservice Networks. Journal of Communication and Information Systems, 2020, 35, 66-76.	0.3	6
15	Relay selection, subcarrier pairing and power allocation for energy efficiency and QoS guarantees. , 2018, , .		5
16	Load Control for VoIP over HSDPA in Mixed Traffic Scenarios. , 2007, , .		3
17	Overload Prediction Based on Delay in Wireless OFDMA Systems. , 2010, , .		3
18	Maximizing energy efficiency in SC-FDMA uplink with QoS guarantees and user satisfaction. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3674.	3.9	3

#	ARTICLE	IF	CITATIONS
19	Radio resource allocation in multi-cell and multi-service mobile network based on QoS requirements. Computer Communications, 2019, 135, 40-52.	5.1	3
20	Optimal SIC Decoding Order and WPT Time Length for WPCN With Imperfect SIC. IEEE Wireless Communications Letters, 2021, 10, 2170-2174.	5.0	3
21	Resource Allocation for Improved User Satisfaction with Applications to LTE. , 2014, , 63-104.		3
22	Radio Resource Allocation in SC-FDMA Uplink with Resource Adjacency Constraints. Journal of Communication and Information Systems, 2016, 31, 272-289.	0.3	3
23	Learning-Based Scheduling: Contextual Bandits for Massive MIMO Systems. , 2020, , .		2
24	Scheduling for Massive MIMO With Hybrid Precoding Using Contextual Multi-Armed Bandits. IEEE Transactions on Vehicular Technology, 2022, 71, 7397-7413.	6.3	2
25	Radio Resource Management for churn rate control in cellular data operators. , 2010, , .		1
26	A QoE-Aware Scheduler for OFDMA Networks. Journal of Communication and Information Systems, 2016, , .	0.3	1
27	Relay Selection and Resource Assignment for Cooperative SC-FDMA Networks. Journal of Communication and Information Systems, 2018, 33, 172-183.	0.3	1
28	Resource Allocation in Multiuser Multicarrier Wireless Systems with Applications to LTE. , 2009, , 187-231.		1
29	Capacity, Fairness, and QoS Trade-Offs in Wireless Networks with Applications to LTE. , 2014, , 157-211.		1
30	Resource Management for Rate Maximization with QoE Provisioning in Wireless Networks. Journal of Communication and Information Systems, 2016, 31, 290-303.	0.3	1
31	Joint Resource Block Assignment and Power Allocation Problem for Rate Maximization With QoS Guarantees in Multiservice Wireless. Journal of Communication and Information Systems, 2016, 31, 211-223.	0.3	1
32	Spectral and energy efficiency with satisfaction constraints. , 2014, , .		0
33	Evaluation of utility-based Adaptive resource and Power Allocation for real time services in OFDMA systems. , 2014, , .		0
34	Energy-efficient radio resource allocation for dual-hop relay-assisted orthogonal frequency division multiple access systems with quality of service provisioning. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4293.	3.9	0
35	Radio Resource Allocation with QoS Constraints in Energy Harvesting and Hybrid Power Systems. Journal of Communication and Information Systems, 2018, 33, .	0.3	0
36	Interference Aware Resource Allocation with QoS Guarantees in OFDMA/SC-FDMA. Journal of Communication and Information Systems, 2018, 33, 124-128.	0.3	0