

# F Rodrigo P Cavalcanti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1878925/publications.pdf>

Version: 2024-02-01

45  
papers

262  
citations

1307366

7  
h-index

1125617

13  
g-index

45  
all docs

45  
docs citations

45  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.6	0
2	A CDL-Based Channel Model With Dual-Polarized Antennas for 5G MIMO Systems in Rural Remote Areas. IEEE Access, 2020, 8, 163366-163379.	2.6	4
3	User-assisted bearer split control for dual connectivity in multi-RAT 5G networks. Wireless Networks, 2020, 26, 3675-3685.	2.0	8
4	Distributed RRM for 5G Multi-RAT Multiconnectivity Networks. IEEE Systems Journal, 2019, 13, 192-203.	2.9	28
5	Supervised learning and graph signal processing strategies for beam tracking in highly directional mobile communications. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3687.	2.6	3
6	Maximizing energy efficiency in SC-FDMA uplink with QoS guarantees and user satisfaction. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3674.	2.6	3
7	Radio resource allocation in multi-cell and multi-service mobile network based on QoS requirements. Computer Communications, 2019, 135, 40-52.	3.1	3
8	Techno-Economic Evaluation for TV White Spaces. , 2018, , 151-191.		2
9	Transmit power minimization with QoS and user satisfaction guarantees in SC-FDMA systems. , 2018, , .		1
10	Relay selection, subcarrier pairing and power allocation for energy efficiency and QoS guarantees. , 2018, , .		5
11	SWOT analysis for TV white spaces. Transactions on Emerging Telecommunications Technologies, 2015, 26, 957-974.	2.6	2
12	Spectral and energy efficiency with satisfaction constraints. , 2014, , .		0
13	Particle Swarm Optimization for base station placement. , 2014, , .		6
14	A Multi-user Receiver for Inter-Cell Interference Reduction in LTE PUCCH Signaling. Wireless Personal Communications, 2014, 75, 2523-2547.	1.8	1
15	Improved Spectral Efficiency With Acceptable Service Provision in Multiuser MIMO Scenarios. IEEE Transactions on Vehicular Technology, 2014, 63, 2697-2711.	3.9	13
16	A Genetic Algorithm for the Optimization of MIMO Antenna Arrays. , 2014, , 313-357.		2
17	Capacity, Fairness, and QoS Trade-Offs in Wireless Networks with Applications to LTE. , 2014, , 157-211.		1
18	Vandermonde-Subspace Frequency Division Multiplexing for Two-Tiered Cognitive Radio Networks. IEEE Transactions on Communications, 2013, 61, 2212-2220.	4.9	26

#	ARTICLE	IF	CITATIONS
19	Resource Assignment for Rate Maximization With QoS Guarantees in Multiservice Wireless Systems. IEEE Transactions on Vehicular Technology, 2012, 61, 1318-1332.	3.9	24
20	SINR Balancing Combined with SDMA Grouping in CoMP Systems. , 2011, , .		7
21	MIMO Array Capacity Optimization Using a Genetic Algorithm. IEEE Transactions on Vehicular Technology, 2011, 60, 2471-2481.	3.9	24
22	Revisiting the effective SINR mapping interface for link and system level simulations of wireless communication systems. , 2011, , .		2
23	Opportunistic distributed power control with adaptive QoS and fairness for wireless networks. Wireless Communications and Mobile Computing, 2010, 10, 200-213.	0.8	1
24	Scheduling for Improving System Capacity in Multiservice 3GPP LTE. Journal of Electrical and Computer Engineering, 2010, 2010, 1-16.	0.6	21
25	MIMO Channel Characterization and Capacity Evaluation in an Outdoor Environment. , 2010, , .		6
26	Overload Prediction Based on Delay in Wireless OFDMA Systems. , 2010, , .		3
27	Improved Data-Aided Channel Estimation in LTE PUCCH Using a Tensor Modeling Approach. , 2010, , .		7
28	A Multi-User Receiver for PUCCH LTE FORMAT 1 in Non-Cooperative Multi-Cell Architectures. , 2010, , .		3
29	Performance Evaluation for Resource Allocation Algorithms in CoMP Systems. , 2010, , .		16
30	Closed-loop hybrid MIMO system with joint transmit antenna and mode selection based on capacity maximization. , 2010, , .		0
31	Particle Swarm Optimization for Antenna Port Placement in Coordinated Multi-Point Systems. , 2009, , .		1
32	MIMO Transmit Structure Assignment with QoS Provision in Wireless Systems. , 2007, , .		0
33	VoIP Capacity Analysis of Wireless Multi-Access Networks using Access Selection Schemes. , 2007, , .		7
34	Performance of Energy Efficient Game Theoretical-Based Power Control Algorithm in WCDMA. , 2006, , .		4
35	Attractiveness of Intelligent Access Selection for Multi-Access Beyond 3G Wireless Networks. , 2006, , .		0
36	Access Selection with Anticipatory Vertical Handover for Multi-Access Networks. , 2006, , .		6

#	ARTICLE	IF	CITATIONS
37	performance of energy efficient game theoretical-based power control algorithm in a discrete power environment. , 2006, , .		0
38	Hybrid MIMO Transceiver Scheme with Antenna Allocation and Partial CSI at Transmitter Side. , 2006, , .		12
39	Impact of intelligent access selection algorithms in cooperative wireless networks. , 2006, , .		0
40	Performance evaluation of access selection algorithms for VoIP on wireless multi-access networks. , 2006, , .		2
41	On the adoption of WLAN for capacity improvement of 3G networks using the multi-access framework. , 2006, , .		1
42	Conception and evaluation of access selection algorithms for cooperative beyond 3G systems. , 2006, , .		3
43	Evaluation of Fixed Thresholds for Allocation and Management of Dedicated Channels Transmission Power in WCDMA Networks. Lecture Notes in Computer Science, 2004, , 1122-1127.	1.0	2
44	Performance of MIMO Antenna Systems with Hybrids of Transmit Diversity and Spatial Multiplexing Using Soft-Output Decoding. Lecture Notes in Computer Science, 2004, , 28-37.	1.0	2
45	Rate maximization in full-duplex systems: Gains and complexity of employing adaptive power allocation in downlink and/or uplink. Transactions on Emerging Telecommunications Technologies, 0, , .	2.6	0