Ramiro Samano-Robles

List of Publications by Year
in descending order

43 papers	128 citations	1684188 5 h-index	1588992 8 g-index
44 all docs	44 docs citations	44 times ranked	109 citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless Networks With Retransmission Diversity and Carrier-Sense Multiple Access. IEEE Transactions on Signal Processing, 2009, 57, 3722-3726.	5.3	23
2	Wireless avionics intra-communications: Current trends and design issues. , 2016, , .		13
3	An infinite user model for random access protocols assisted by multipacket reception and retransmission diversity. , 2008, , .		8
4	Low-Complexity User Selection for Rate Maximization in MIMO Broadcast Channels with Downlink Beamforming. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	8
5	A multiaccess protocol assisted by retransmission diversity and multipacket reception. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	5
6	Stability Properties of Network Diversity Multiple Access with Multiple-Antenna Reception and Imperfect Collision Multiplicity Estimation. Journal of Computer Networks and Communications, 2013, 2013, 1-10.	1.6	5
7	The DEWI high-level architecture: Wireless sensor networks in industrial applications. , 2016, , .		5
8	Distributed Linear Precoding and User Selection in Coordinated Multicell Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 4887-4899.	6.3	5
9	A slotted ALOHA protocol with cooperative diversity. , 2008, , .		5
10	P-Persistent Stabilisation for Wireless Network Diversity Multiple Access Protocols. , 2006, , .		4
11	A Random Access Protocol Incorporating Multi-packet Reception, Retransmission Diversity and Successive Interference Cancellation. Lecture Notes in Computer Science, 2015, , 70-86.	1.3	4
12	A contention binary tree algorithm assisted by source separation. , 2007, , .		3
13	Cooperative and sequential user detection for wireless network diversity multiple access protocols. , 2008, , .		3
14	Joint spectrum selection and radio resource management based on multi-objective portfolio optimization for cognitive radio networks. , 2012, , .		3
15	Performance Analysis of MRC Receivers with Adaptive Modulation and Coding in Rayleigh Fading Correlated Channels with Imperfect CSIT. Wireless Communications and Mobile Computing, 2017, 2017, 1-12.	1.2	3
16	Collision resolution algorithms for RFID applications. , 2008, , .		2
17	A cross-layer approach to the downlink performance analysis and optimization of distributed antenna systems in multi-cell environments. , 2009, , .		2
18	Integration of RFID readers into wireless mobile telecommunication networks. , 2009, , .		2

#	Article	IF	Citations
19	A packet reception model for cooperative relaying diversity in wireless multi-cell networks. , 2011, , .		2
20	Frequency-reuse planning of the down-link of distributed antenna systems with maximum-ratio-combining (MRC) receivers. , 2011, , .		2
21	Frequency-Reuse Planning of the Down-Link of Distributed Antenna Systems with Maximum-Ratio-Combining (MRC) Receivers. IEEE Latin America Transactions, 2012, 10, 1703-1709.	1.6	2
22	Energy Efficient Random Transmission Control for Cognitive Radio Systems. Procedia Technology, 2013, 7, 79-87.	1.1	2
23	Low Complexity Scheduling Algorithm for the Downlink of Distributed Antenna Systems. , 2013, , .		2
24	A performance model for maximum ratio combining receivers with adaptive modulation and coding in Rice fading correlated channels. , 2014, , .		2
25	Trade-off performance regions of random access protocols with multi-packet reception (MPR) via multi-objective optimization. , 2014, , .		2
26	Active flow control for aerospace operations by means of a dense wireless sensor and actuator network. , 2016, , .		2
27	Sum rate maximization via joint scheduling and link adaptation for interference-coupled wireless systems. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	1
28	Multi-Objective Portfolio Optimization for Spectrum Selection in Cognitive Radio Systems. , 2013, , .		1
29	Metrics for rate maximization in multiuser-MISO systems with Zero-Forcing Beamforming. , 2014, , .		1
30	Network diversity multiple access with imperfect channel state information at the transmitter side. , 2016, , .		1
31	On the Throughput Region of Wireless Random Access Protocols with Multi-Packet Reception Using Multi-Objective Optimization. Technologies, 2018, 6, 117.	5.1	1
32	Performance Analysis of Network Diversity Multiple Access with Sequential Terminal Detection and Non-Orthogonal Training Sequences. , 2018, , .		1
33	Multi-objective and Financial Portfolio Optimization of Carrier-Sense Multiple Access Protocols with Cooperative Diversity. Lecture Notes in Computer Science, 2015, , 3-18.	1.3	1
34	Multi-Objective and Financial Portfolio Optimization of p-Persistent Carrier Sense Multiple Access Protocols with Multi-Packet Reception. Communications in Computer and Information Science, 2015, , 68-94.	0.5	1
35	Adaptive detection for wireless network diversity multiple access protocols. , 2007, , .		0
36	Cross-layer design of a time-division multiple access protocol with cooperative diversity. , 2011, , .		0

#	Article	IF	Citations
37	Design of a low cost RFID platform with added value sensing capabilities for humanitarian relief applications. , 2011, , .		0
38	Joint user scheduling, link adaptation and beam-forming for distributed antenna systems. , 2012, , .		0
39	Power and modulation assignment via Perron-root optimization for interference limited systems. , 2013, , .		0
40	System level simulation and radio resource management for distributed antenna systems with cognitive radio and multi-cell cooperation. , 2015, , .		0
41	Performance model for MRC receivers with adaptive modulation and coding in rayleigh fading correlated channels with imperfect CSIT. , 2015, , .		0
42	Adding quality in the user requirements specification: A first approach. , 2016, , .		0
43	A Space-Time Correlation Model for MRC Receivers in Rayleigh Fading Channels. Technologies, 2020, 8, 41.	5.1	0