

# Olga Muñoz Medina

## List of Publications by Year in descending order

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36  
papers

1,006  
citations

1162367

8  
h-index

940134

16  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear Transceiver Design in Nonregenerative Relays With Channel State Information. IEEE Transactions on Signal Processing, 2007, 55, 2593-2604.	3.2	394
2	Optimization of Radio and Computational Resources for Energy Efficiency in Latency-Constrained Application Offloading. IEEE Transactions on Vehicular Technology, 2015, 64, 4738-4755.	3.9	339
3	On the Gaussian MIMO Relay Channel With Full Channel State Information. IEEE Transactions on Signal Processing, 2009, 57, 3588-3599.	3.2	63
4	Joint scheduling of communication and computation resources in multiuser wireless application offloading. , 2014, , .		49
5	Energy-latency trade-off for multiuser wireless computation offloading. , 2014, , .		18
6	Analysis of Blocking in mmWave Cellular Systems: Application to Relay Positioning. IEEE Transactions on Communications, 2020, , 1-1.	4.9	14
7	Energy Efficiency in Latency-Constrained Application Offloading From Mobile Clients to Multiple Virtual Machines. IEEE Transactions on Signal Processing, 2018, 66, 1065-1079.	3.2	13
8	A tractable closed form approximation of the ergodic rate in Poisson cellular networks. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	11
9	Compress-And-Forward Cooperative Relaying in MIMO-OFDM Systems. , 2006, , .		9
10	Decentralized Weighted Sum Rate maximization in MIMO-OFDMA femtocell networks. , 2011, , .		9
11	Analysis of downlink and uplink decoupling in dense cellular networks. , 2016, , .		9
12	Hybrid Turbo FEC/ARQ Systems and Distributed Space-Time Coding for Cooperative Transmission. International Journal of Wireless Information Networks, 2005, 12, 263-280.	1.8	8
13	A Stochastic Approach for Resource Allocation with Backhaul and Energy Harvesting Constraints. IEEE Transactions on Vehicular Technology, 2016, 65, 5788-5797.	3.9	8
14	Analysis of Blocking in mmWave Cellular Systems: Characterization of the LOS and NLOS Intervals in Urban Scenarios. IEEE Transactions on Vehicular Technology, 2020, 69, 16247-16252.	3.9	8
15	Analytical Resource Optimization for the DF Relay-Assisted Transmission under HARQ. , 2009, , .		6
16	The DoF of the 3-User $(p, p+1)$ MIMO Interference Channel. IEEE Transactions on Communications, 2014, 62, 3842-3853.	4.9	6
17	Efficient Use of Paired Spectrum Bands through TDD Small Cell Deployments. , 2017, 55, 210-211.		5
18	Multi-User Precoder Designs for RGB Visible Light Communication Systems. Sensors, 2020, 20, 6836.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Capacity bounds for Gaussian MIMO relay channel with channel state information. , 2008, , .		4
20	Downlink Coordinated Radio Resource Management in Cellular Networks With Partial CSI. IEEE Transactions on Signal Processing, 2012, 60, 1420-1431.	3.2	4
21	Long-term provisioning of radio resources based on their utilization in dense OFDMA networks. , 2016, , .		4
22	Stochastic resource allocation with a backhaul constraint for the uplink. , 2016, , .		3
23	Cancellation of external and multiple access interference in CDMA systems using antenna arrays. Signal Processing, 1997, 61, 113-129.	2.1	2
24	Downlink Multi-Cell Radio Resource Management for Coordinated Base Stations. , 2009, , .		2
25	Network-MIMO backhauling for QOS-constrained relay transmission. , 2011, , .		2
26	Cooperative Linear Precoding for Multi-User MISO Visible Light Communications. , 2017, , .		2
27	Interference Statistics Approximations for Data Rate Analysis in Uplink Massive MTC. , 2018, , .		2
28	On the Coordination of Base Stations in Ultra Dense Cellular Networks. , 2019, , .		2
29	Effect of Correlated Building Blockages on the Ergodic Capacity of mmWave Systems in Urban Scenarios. IEEE Transactions on Vehicular Technology, 2022, , 1-1.	3.9	2
30	Preemption and QOS management algorithms for coordinated and uncoordinated base stations. , 2011, , .		1
31	Entropy-Based Sensing Schemes for Energy Efficiency in Massive MTC. IEEE Wireless Communications Letters, 2020, 9, 1173-1177.	3.2	1
32	Sensor Selection and Distributed Quantization for Energy Efficiency in Massive MTC. IEEE Transactions on Communications, 2021, , 1-1.	4.9	1
33	3G access network dimensioning in isolated rural areas based on femtocells. , 2014, , .		0
34	Network dimensioning and base station on/off switching strategies for sustainable deployments in remote areas. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, , .	1.5	0
35	Eventos adversos por cortopunzantes en el equipo de salud de una institucion de la ciudad de Guayaquil. Espirales: Revista Multidisciplinaria De Investigaci3n, 2019, 3, 148-155.	0.1	0
36	LOS/NLOS Estimators for mmWave Cellular Systems With Blockages. IEEE Wireless Communications Letters, 2022, 11, 121-125.	3.2	0