

# JosÃ© P GonzÃ¡lez-Coma

## List of Publications by Year in descending order

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36  
papers

298  
citations

1307594

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940533

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36  
docs citations

36  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Channel Estimation and Hybrid Precoding for Frequency Selective Multiuser mmWave MIMO Systems. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 353-367.	10.8	122
2	Intelligent Reflective Surfaces for Wireless Networks: An Overview of Applications, Approached Issues, and Open Problems. Electronics (Switzerland), 2021, 10, 2345.	3.1	24
3	Hybrid LISA for Wideband Multiuser Millimeter-Wave Communication Systems Under Beam Squint. IEEE Transactions on Wireless Communications, 2019, 18, 1277-1288.	9.2	21
4	Hybrid Precoding With Time-Modulated Arrays for Mmwave MIMO Systems. IEEE Access, 2018, 6, 59422-59437.	4.2	19
5	Evaluation of Analog Joint Source-Channel Coding Systems for Multiple Access Channels. IEEE Transactions on Communications, 2015, 63, 2312-2324.	7.8	9
6	Design of Linear Precoders for Correlated Sources in MIMO Multiple Access Channels. IEEE Transactions on Communications, 2018, 66, 6110-6122.	7.8	9
7	Frequency selective multiuser hybrid precoding for mmWave systems with imperfect channel knowledge. , 2016, , .		8
8	Power minimization in the multiuser downlink under user rate constraints and imperfect transmitter CSI. , 2013, , .		7
9	Power minimization and QoS feasibility region in the multiuser MIMO broadcast channel with imperfect CSI. , 2013, , .		7
10	MSE Balancing in the MIMO BC: Unequal Targets and Probabilistic Interference Constraints. IEEE Transactions on Signal Processing, 2017, 65, 3293-3305.	5.3	7
11	Average sum MSE minimization in the multi-user downlink with multiple power constraints. , 2014, , .		6
12	QoS constrained power minimization in the MISO broadcast channel with imperfect CSI. Signal Processing, 2017, 131, 447-455.	3.7	6
13	Impact of transmit impairments on multiuser MIMO non-linear transceivers. , 2011, , .		5
14	FDD Channel Estimation Via Covariance Estimation in Wideband Massive MIMO Systems. Sensors, 2020, 20, 930.	3.8	5
15	Channel Estimation and Hybrid Precoding/Combining for Frequency Selective Multiuser mmWave Systems. , 2017, , .		4
16	Wideband Hybrid Precoding Using Time Modulated Arrays. IEEE Access, 2020, 8, 144638-144653.	4.2	4
17	Power Efficient Scheduling and Hybrid Precoding for Time Modulated Arrays. IEEE Access, 2020, 8, 21063-21076.	4.2	4
18	Design of MAC access schemes for analog joint source channel coding. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	QoS constrained power minimization in the multiple stream MIMO broadcast channel. Signal Processing, 2018, 143, 48-55.	3.7	3
20	User Grouping for the Uplink of Multiuser Hybrid mmWave MIMO. IEEE Access, 2020, 8, 55323-55341.	4.2	3
21	Rank Constrained Precoding for the Downlink of mmWave Massive MIMO Hybrid Systems. IEEE Access, 2021, 9, 28459-28470.	4.2	3
22	Wideband User Grouping for Uplink Multiuser mmWave MIMO Systems With Hybrid Combining. IEEE Access, 2021, 9, 41360-41372.	4.2	3
23	Preparation of Synthetic Clays to Remove Phosphates and Ibuprofen in Water. Water (Switzerland), 2021, 13, 2394.	2.7	3
24	Performance of MIMO systems in measured indoor channels with transmitter noise. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	2
25	System for vehicle classification: Hardware prototype and off-line signal processing. , 2015, , .		2
26	Multi-stream MIMO MSE balancing with generalized power constraints. , 2016, , .		2
27	Coded Aperture Hyperspectral Image Reconstruction. Sensors, 2021, 21, 6551.	3.8	2
28	Feedback and power optimization in the multiuser downlink under QoS constraints. , 2014, , .		1
29	Power minimization in the multiple stream MIMO Broadcast Channel with imperfect CSI. , 2014, , .		1
30	Design of analog Joint Source-Channel Coding systems for Broadcast Channels with MSE balancing. , 2015, , .		1
31	Channel Covariance Identification in FDD Massive MIMO Systems. Proceedings (mdpi), 2018, 2, .	0.2	1
32	Exploring the Feasibility of Low Cost Technology in Rainfall Monitoring: The TREBOADA Observing System. Proceedings (mdpi), 2019, 21, .	0.2	1
33	Analog joint source-channel coding for MIMO Multiple Access Channels. , 2014, , .		0
34	Rate allocation on Broadcast Channels with analog Joint Source Channel Coding. , 2015, , .		0
35	Analog joint source channel coding for MIMO broadcast channels. , 2015, , .		0
36	Analog joint source channel coding over MIMO fading channels with imperfect CSI. , 2016, , .		0