

Mãrio Marques da Silva

List of Publications by Year in descending order

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21
papers

197
citations

1306789

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12
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23
all docs

23
docs citations

23
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	On the 5G and Beyond. Applied Sciences (Switzerland), 2020, 10, 7091.	1.3	34
2	A simplified massive MIMO implemented with pre or post-processing. Physical Communication, 2017, 25, 355-362.	1.2	16
3	On the Achievable Performance of Nonlinear MIMO Systems. IEEE Communications Letters, 2019, 23, 1725-1729.	2.5	13
4	A Low Complexity Channel Estimation and Detection for Massive MIMO Using SC-FDE. Telecom, 2020, 1, 3-17.	1.6	13
5	Power-Ordered NOMA with Massive MIMO for 5G Systems. Applied Sciences (Switzerland), 2021, 11, 3541.	1.3	12
6	Joint multi-user detection and intersymbol interference cancellation for WCDMA satellite UMTS. International Journal of Satellite Communications and Networking, 2003, 21, 93-117.	1.2	11
7	On transmission techniques for multi-antenna WCDMA systems. European Transactions on Telecommunications, 2009, 20, 107-121.	1.2	11
8	Transmission Techniques for 4G Systems. , 0, , .		10
9	On the Performance of LDPC-Coded Massive MIMO Schemes with Power-Ordered NOMA Techniques. Applied Sciences (Switzerland), 2021, 11, 8684.	1.3	9
10	Iterative Frequency-Domain Receivers for STBC Schemes. , 2009, , .		7
11	Iterative frequency-domain detection and channel estimation for space-time block codes. European Transactions on Telecommunications, 2011, 22, 339-351.	1.2	7
12	Implicit Pilots for an Efficient Channel Estimation in Simplified Massive MIMO Schemes with Precoding. International Journal of Antennas and Propagation, 2019, 2019, 1-11.	0.7	6
13	Joint detection and channel estimation for SC-FDE with STBC. , 2009, , .		3
14	Performance of NOMA with Massive MIMO for 5G. , 2021, , .		3
15	On the Multi-Resolution Techniques for LTE-Advanced. Wireless Personal Communications, 2012, 66, 833-853.	1.8	2
16	On the Performance of LDPC-Coded MIMO Schemes for Underwater Communications Using 5G-like Processing. Applied Sciences (Switzerland), 2022, 12, 5549.	1.3	2
17	Interference Suppression Consisting of Pre-distortion Filtering and Selective Transmit Diversity. Wireless Personal Communications, 2008, 47, 219-233.	1.8	1
18	Iterative Frequency-Domain Packet Combining Techniques for UWB Systems with Strong Interference Levels. Wireless Personal Communications, 2013, 70, 501-517.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Frequency-Domain Receivers for Rate-1 Space-Time Block Codes. International Journal of Communications, Network and System Sciences, 2009, 02, 845-861.	0.4	1
20	Robust FDE Receiver for UWB Systems with Strong Narrow-Band Interference. , 2012, , .		0
21	Iterative FDE receivers for UWB systems with strong interference levels. , 2012, , .		0