

Mãrio Marques da Silva

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On the Performance of LDPC-Coded MIMO Schemes for Underwater Communications Using 5G-like Processing. Applied Sciences (Switzerland), 2022, 12, 5549. | 1.3 | 2 |
| 2 | Power-Ordered NOMA with Massive MIMO for 5G Systems. Applied Sciences (Switzerland), 2021, 11, 3541. | 1.3 | 12 |
| 3 | On the Performance of LDPC-Coded Massive MIMO Schemes with Power-Ordered NOMA Techniques. Applied Sciences (Switzerland), 2021, 11, 8684. | 1.3 | 9 |
| 4 | Performance of NOMA with Massive MIMO for 5G. , 2021, , . | | 3 |
| 5 | On the 5G and Beyond. Applied Sciences (Switzerland), 2020, 10, 7091. | 1.3 | 34 |
| 6 | A Low Complexity Channel Estimation and Detection for Massive MIMO Using SC-FDE. Telecom, 2020, 1, 3-17. | 1.6 | 13 |
| 7 | On the Achievable Performance of Nonlinear MIMO Systems. IEEE Communications Letters, 2019, 23, 1725-1729. | 2.5 | 13 |
| 8 | 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 |
| 9 | A simplified massive MIMO implemented with pre or post-processing. Physical Communication, 2017, 25, 355-362. | 1.2 | 16 |
| 10 | Iterative Frequency-Domain Packet Combining Techniques for UWB Systems with Strong Interference Levels. Wireless Personal Communications, 2013, 70, 501-517. | 1.8 | 1 |
| 11 | On the Multi-Resolution Techniques for LTE-Advanced. Wireless Personal Communications, 2012, 66, 833-853. | 1.8 | 2 |
| 12 | Robust FDE Receiver for UWB Systems with Strong Narrow-Band Interference. , 2012, , . | | 0 |
| 13 | Iterative FDE receivers for UWB systems with strong interference levels. , 2012, , . | | 0 |
| 14 | Iterative frequency-domain detection and channel estimation for space-time block codes. European Transactions on Telecommunications, 2011, 22, 339-351. | 1.2 | 7 |
| 15 | Joint detection and channel estimation for SC-FDE with STBC. , 2009, , . | | 3 |
| 16 | On transmission techniques for multi-antenna WCDMA systems. European Transactions on Telecommunications, 2009, 20, 107-121. | 1.2 | 11 |
| 17 | Iterative Frequency-Domain Receivers for STBC Schemes. , 2009, , . | | 7 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Interference Suppression Consisting of Pre-distortion Filtering and Selective Transmit Diversity. Wireless Personal Communications, 2008, 47, 219-233. | 1.8 | 1 |
| 20 | 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 |
| 21 | Transmission Techniques for 4G Systems. , 0, , . | | 10 |