

# Arthur Sousa de Sena

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4176373/publications.pdf>

Version: 2024-02-01

16  
papers

296  
citations

1307594

7  
h-index

1281871

11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	What Role Do Intelligent Reflecting Surfaces Play in Multi-Antenna Non-Orthogonal Multiple Access?. IEEE Wireless Communications, 2020, 27, 24-31.	9.0	69
2	Massive MIMO-NOMA Networks With Imperfect SIC: Design and Fairness Enhancement. IEEE Transactions on Wireless Communications, 2020, 19, 6100-6115.	9.2	60
3	Key Advances in Pervasive Edge Computing for Industrial Internet of Things in 5G and Beyond. IEEE Access, 2020, 8, 206734-206754.	4.2	43
4	IRS-Assisted Massive MIMO-NOMA Networks: Exploiting Wave Polarization. IEEE Transactions on Wireless Communications, 2021, 20, 7166-7183.	9.2	29
5	Massive MIMO-NOMA Networks With Multi-Polarized Antennas. IEEE Transactions on Wireless Communications, 2019, 18, 5630-5642.	9.2	26
6	Neurosciences and Wireless Networks: The Potential of Brain-Type Communications and Their Applications. IEEE Communications Surveys and Tutorials, 2021, 23, 1599-1621.	39.4	23
7	Reconfigurable Intelligent Surface-Aided Grant-Free Access for Uplink URLLC. , 2020, , .		15
8	Massive MIMO-NOMA Networks With Successive Sub-Array Activation. IEEE Transactions on Wireless Communications, 2020, 19, 1622-1635.	9.2	8
9	Aerial Intelligent Reflecting Surfaces in MIMO-NOMA Networks: Fundamentals, Potential Achievements, and Challenges. IEEE Open Journal of the Communications Society, 2022, 3, 1007-1024.	6.9	7
10	Collective Intelligence Using 5G: Concepts, Applications, and Challenges in Sociotechnical Environments. IEEE Access, 2022, 10, 70394-70417.	4.2	6
11	Dual-Polarized RSMA for Massive MIMO Systems. IEEE Wireless Communications Letters, 2022, 11, 2000-2004.	5.0	4
12	Dual-Polarized IRSs in Uplink MIMO-NOMA Networks: An Interference Mitigation Approach. IEEE Wireless Communications Letters, 2021, , 1-1.	5.0	2
13	IRS-Assisted Massive MIMO-NOMA Networks with Polarization Diversity. , 2021, , .		2
14	On the Performance of Massive MIMO-NOMA Networks with Dual-Polarized Antenna Array. , 2019, , .		0
15	Successive Sub-Array Activation for Massive MIMO-NOMA Networks. , 2020, , .		0
16	Edge Computing in Smart Grids. , 2021, , 1-11.		0