

Arthur Sousa de Sena

List of Publications by Year in descending order

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16
papers

296
citations

1307594

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1281871

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18
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docs citations

18
times ranked

256
citing authors

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