

Aris L Moustakas

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

837
citations

759233

12
h-index

888059

17
g-index

40
all docs

40
docs citations

40
times ranked

654
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Robust Power Management via Learning and Game Design. <i>Operations Research</i> , 2021, 69, 331-345. | 1.9 | 10 |
| 2 | Random Möbius maps: Distribution of reflection in non-Hermitian one-dimensional disordered systems. <i>Physical Review E</i> , 2020, 102, 022120. | 2.1 | 0 |
| 3 | Impact of Imperfect Channel Estimation in HF OFDM-MIMO Communications. , 2019, , . | | 5 |
| 4 | Gallager Bound for MIMO Channels: Large- N Asymptotics. <i>IEEE Transactions on Wireless Communications</i> , 2018, 17, 1323-1330. | 9.2 | 0 |
| 5 | Stable Power Control in Wireless Networks via Dual Averaging. , 2017, , . | | 4 |
| 6 | Mirror descent learning in continuous games. , 2017, , . | | 17 |
| 7 | Power Optimization in Random Wireless Networks. <i>IEEE Transactions on Information Theory</i> , 2016, 62, 5030-5058. | 2.4 | 3 |
| 8 | On the Distribution of Indefinite Quadratic Forms in Gaussian Random Variables. <i>IEEE Transactions on Communications</i> , 2016, 64, 153-165. | 7.8 | 57 |
| 9 | Learning in an Uncertain World: MIMO Covariance Matrix Optimization With Imperfect Feedback. <i>IEEE Transactions on Signal Processing</i> , 2016, 64, 5-18. | 5.3 | 23 |
| 10 | Outage and capacity comparisons for ground relaying systems using stochastic geometry. , 2015, , . | | 0 |
| 11 | The Shannon's mutual information of a multiple antenna time and frequency dependent channel: An ergodic operator approach. <i>Journal of Mathematical Physics</i> , 2015, 56, . | 1.1 | 3 |
| 12 | Large System Analysis of the Energy Consumption Distribution in Multi-User MIMO Systems With Mobility. <i>IEEE Transactions on Wireless Communications</i> , 2015, 14, 1730-1745. | 9.2 | 40 |
| 13 | Interference Management in 5G Reverse TDD HetNets With Wireless Backhaul: A Large System Analysis. <i>IEEE Journal on Selected Areas in Communications</i> , 2015, 33, 1187-1200. | 14.0 | 102 |
| 14 | Energy consumption in multi-user MIMO systems: Impact of user mobility. , 2014, , . | | 2 |
| 15 | Outage Capacity for the Optical MIMO Channel. <i>IEEE Transactions on Information Theory</i> , 2014, 60, 4370-4382. | 2.4 | 20 |
| 16 | SINR Statistics of Correlated MIMO Linear Receivers. <i>IEEE Transactions on Information Theory</i> , 2013, 59, 6490-6500. | 2.4 | 9 |
| 17 | Power optimization on a random wireless network. , 2013, , . | | 4 |
| 18 | Power optimization on a network: The effects of randomness. , 2012, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Vector Precoding for Gaussian MIMO Broadcast Channels: Impact of Replica Symmetry Breaking. IEEE Transactions on Information Theory, 2012, 58, 1413-1440. | 2.4 | 25 |
| 20 | Corrections to "Vector Precoding for Gaussian MIMO Broadcast Channels: Impact of Replica Symmetry Breaking" [Mar 12 1413-1440]. IEEE Transactions on Information Theory, 2012, 58, 3308-3308. | 2.4 | 0 |
| 21 | Living at the Edge: A Large Deviations Approach to the Outage MIMO Capacity. IEEE Transactions on Information Theory, 2011, 57, 1984-2007. | 2.4 | 54 |
| 22 | SINR distribution of MIMO MMSE receiver. , 2011, , . | | 6 |
| 23 | Opportunistic Communications in Infostation Systems: Delay and Stability Analysis. , 2010, , . | | 6 |
| 24 | Asymptotic Performance of Linear Receivers in MIMO Fading Channels. IEEE Transactions on Information Theory, 2009, 55, 4398-4418. | 2.4 | 128 |
| 25 | Performance of MMSE MIMO Receivers: A Large N Analysis for Correlated Channels. , 2009, , . | | 21 |
| 26 | Learning in the presence of noise. , 2009, , . | | 9 |
| 27 | Distribution of MIMO mutual information: A large deviations approach. , 2009, , . | | 2 |
| 28 | Vector Precoding for Wireless MIMO Systems and its Replica Analysis. IEEE Journal on Selected Areas in Communications, 2008, 26, 530-540. | 14.0 | 73 |
| 29 | Correlated Anarchy in Overlapping Wireless Networks. IEEE Journal on Selected Areas in Communications, 2008, 26, 1160-1169. | 14.0 | 14 |
| 30 | A characterization of maximum entropy spatially correlated wireless channel models. , 2008, , . | | 1 |
| 31 | On replica symmetry breaking in vector precoding for the Gaussian MIMO broadcast channel. , 2008, , . | | 7 |
| 32 | On Spectral Efficiency of Vector Precoding for Gaussian MIMO Broadcast Channels. , 2008, , . | | 5 |
| 33 | Vertical handover between wireless service providers. , 2008, , . | | 1 |
| 34 | Multicarrier Transmission via Gabor Frames: Signal Design and Channel Compensation. , 2008, , . | | 0 |
| 35 | Vector Precoding in High Dimensions: A Replica Analysis. , 2007, , . | | 5 |
| 36 | The Diversity-Multiplexing Tradeoff of Linear MIMO Receivers. , 2007, , . | | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Second-order statistics of large isometric matrices and applications to MMSE SIR. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , . | 0.0 | 3 |
| 38 | A Maximum Entropy Characterization of Spatially Correlated MIMO Wireless Channels. , 2007, , . | | 6 |
| 39 | On the Outage Capacity of Correlated Multiple-Path MIMO Channels. IEEE Transactions on Information Theory, 2007, 53, 3887-3903. | 2.4 | 70 |
| 40 | Capacity and Character Expansions: Moment-Generating Function and Other Exact Results for MIMO Correlated Channels. IEEE Transactions on Information Theory, 2006, 52, 5336-5351. | 2.4 | 71 |