# Sudarshan Guruacharya

List of Publications by Year
in descending order

| 12 | 251 | 1163117 | 1199594 |
|---|---|---|---|
| papers | citations | 8 | 12 |
| | | h-index | g-index |

| 12 | 12 | 12 | 365 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Hierarchical Competition for Downlink Power Allocation in OFDMA Femtocell Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1543-1553. | 9.2 | 93 |
| 2 | Multi-Operator Spectrum Sharing for Small Cell Networks: A Matching Game Perspective. IEEE Transactions on Wireless Communications, 2017, 16, 3761-3774. | 9.2 | 40 |
| 3 | Dynamic Coalition Formation for Network MIMO in Small Cell Networks. IEEE Transactions on Wireless Communications, 2013, 12, 5360-5372. | 9.2 | 38 |
| 4 | Infrastructure Sharing for Mobile Network Operators: Analysis of Trade-Offs and Market. IEEE Transactions on Mobile Computing, 2018, 17, 2804-2817. | 5.8 | 23 |
| 5 | Approximation of Meta Distribution and its Moments for Poisson Cellular Networks. IEEE Wireless Communications Letters, 2018, 7, 1074-1077. | 5.0 | 17 |
| 6 | Optimal Non-Coherent Detector for Ambient Backscatter Communication System. IEEE Transactions on Vehicular Technology, 2020, 69, 16197-16201. | 6.3 | 13 |
| 7 | On the Product of Complex Gaussians With Applications to Radar. IEEE Signal Processing Letters, 2019, 26, 1536-1540. | 3.6 | 10 |
| 8 | MAP Ratio Test Detector for Radar System. IEEE Transactions on Signal Processing, 2021, 69, 573-588. | 5.3 | 8 |
| 9 | Saddle Point Approximation for Outage Probability Using Cumulant Generating Functions. IEEE Wireless Communications Letters, 2016, 5, 192-195. | 5.0 | 3 |
| 10 | Battery Recharge Time of a Stochastic Linear and Nonlinear Energy Harvesting Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 7877-7881. | 6.3 | 3 |
| 11 | Energy Distribution of Multiple Target Signal With Application to Target Counting. IEEE Signal Processing Letters, 2020, 27, 431-435. | 3.6 | 2 |
| 12 | Green Internet of Things (IoT): Enabling Technologies, Architectures, Performance, and Design Issues. Wireless Communications and Mobile Computing, 2018, 2018, 1-2. | 1.2 | 1 |