

# Sudarshan Guruacharya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2314757/publications.pdf>

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12  
papers

251  
citations

1163117

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1199594

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g-index

12  
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docs citations

12  
times ranked

365  
citing authors

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