

# Sung Sik Nam

## List of Publications by Year in descending order

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40  
papers

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citations

1163117

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h-index

1058476

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all docs

40  
docs citations

40  
times ranked

234  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Human Detection Algorithm Based on an Impulse Radio Ultra-Wideband Radar System. IEEE Access, 2016, 4, 10300-10309.	4.2	47
2	An MGF-Based Unified Framework to Determine the Joint Statistics of Partial Sums of Ordered Random Variables. IEEE Transactions on Information Theory, 2010, 56, 5655-5672.	2.4	29
3	Unified Finite Series Approximation of FSO Performance Over Strong Turbulence Combined With Various Pointing Error Conditions. IEEE Transactions on Communications, 2020, 68, 6413-6425.	7.8	21
4	Joint Statistics of Partial Sums of Ordered Exponential Variates and Performance of GSC RAKE Receivers over Rayleigh Fading Channel. IEEE Transactions on Communications, 2011, 59, 2241-2253.	7.8	12
5	Threshold-Based Multiple Optical Signal Selection Scheme for Free-Space Optical Wavelength Division Multiplexing Systems. Journal of Optical Communications and Networking, 2017, 9, 1085.	4.8	11
6	Outage Analysis for Downlink Non-Orthogonal Multiple Access (NOMA) With CDF-Based Scheduling. IEEE Wireless Communications Letters, 2020, 9, 822-825.	5.0	10
7	Threshold-based parallel multiuser scheduling. IEEE Transactions on Wireless Communications, 2009, 8, 2150-2159.	9.2	8
8	New Closed-Form Results on Ordered Statistics of Partial Sums of Gamma Random Variables and Its Application to Performance Evaluation in the Presence of Nakagami Fading. IEEE Access, 2017, 5, 12820-12832.	4.2	8
9	SINR Maximizing Beamforming Schemes for the Full Duplex Amplify-and-Forward Relay Channel. IEEE Access, 2017, 5, 18987-18998.	4.2	8
10	An MGF-Based Unified Framework to Determine the Joint Statistics of Partial Sums of Ordered i.n.d. Random Variables. IEEE Transactions on Signal Processing, 2014, 62, 4270-4283.	5.3	7
11	Full-Duplex With Self-Energy Recycling in the RF Powered Multi-Antenna Relay Channels. IEEE Signal Processing Letters, 2019, 26, 1516-1520.	3.6	7
12	BER Performance of FSO Links over Unified Channel Model for Pointing Error Models. , 2018, , .		6
13	Beamformer Design for Self-Energy Recycling in Full-Duplex Decode-and-Forward Relay Systems. IEEE Wireless Communications Letters, 2020, 9, 1417-1421.	5.0	6
14	Outage Performance Analysis of Two-Way Full-Duplex DF Relaying Networks With Beamforming. IEEE Transactions on Vehicular Technology, 2020, 69, 8753-8763.	6.3	6
15	Adaptive Threshold Based Relay Selection for Minimum Feedback and Channel Usage. IEEE Transactions on Wireless Communications, 2011, 10, 3620-3625.	9.2	5
16	Finite Feedback MIMO Precoding for the Two-Way Amplify-and-Forward Relay Network. IEEE Communications Letters, 2014, 18, 620-623.	4.1	5
17	Performance Analysis of a Threshold-Based Parallel Multiple Beam Selection Scheme for WDM FSO Systems. IEEE Access, 2018, 6, 21498-21517.	4.2	5
18	Unified Statistical Channel Model of Ship (or Shore)-to-Ship FSO Communications with Pointing Errors. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	Unified statistical performance of FSO link due to the combined effect of weak turbulence and generalized pointing error with HD and IM/DD. <i>Journal of Communications and Networks</i> , 2020, 22, 476-483.	2.6	5
20	Iterative Relay Scheduling With Hybrid ARQ Under Multiple User Equipment (Type II) Relay Environments. <i>IEEE Access</i> , 2018, 6, 6455-6463.	4.2	4
21	Modified Dynamic Decode-and-Forward Relaying Protocol for Type II Relay in LTE-Advanced and Beyond. <i>PLoS ONE</i> , 2016, 11, e0167457.	2.5	4
22	Performance evaluation of threshold-based power allocation algorithms for down-link switched-based parallel scheduling. <i>IEEE Transactions on Wireless Communications</i> , 2009, 8, 1744-1753.	9.2	3
23	Impact of Self-Interference on the Performance of Joint Partial RAKE Receiver and Adaptive Modulation. <i>IEEE Access</i> , 2016, 4, 8525-8534.	4.2	3
24	Impact of Co-Channel Interference on the Outage Performance Under Multiple Type II Relay Environments. <i>IEEE Access</i> , 2017, 5, 26201-26210.	4.2	3
25	The Performance of a CDF-Based Multiuser Scheduling Scheme for Non-Orthogonal Multiple Access (NOMA). , 2019, , .		3
26	Angle-of-Arrival Estimation in Antenna Arrays based on Monopulse Signal. , 2019, , .		3
27	Beamformer Optimization for the Full-Duplex AF Relay Wiretap Channels. <i>IEEE Wireless Communications Letters</i> , 2019, 8, 129-132.	5.0	2
28	Optimal Multi-Antenna Transmission for the Cooperative Non-Orthogonal Multiple-Access System. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2203.	2.5	2
29	Ergodic Capacity Analysis of UAV-Based FSO Links Over Foggy Channels. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1483-1487.	5.0	2
30	Secrecy Rate Maximizing Beamforming Schemes for the DF Relay Wiretap Channels. <i>IEEE Access</i> , 2018, 6, 77841-77848.	4.2	1
31	Performance Analysis of FD MIMO DF Cooperative Relaying Networks Using ZFBF. <i>IEEE Access</i> , 2018, 6, 63958-63966.	4.2	1
32	Implementation of Multiple Signal Classification and Triangulation for Localization of Signal Using Universal Software Radio Peripheral. , 2019, , .		1
33	CDF-Based Multiuser Scheduling for Downlink Non-Orthogonal Multiple Access (NOMA). <i>IEEE Access</i> , 2020, 8, 140533-140545.	4.2	1
34	Diversity combining with upâ€link power control. <i>Wireless Communications and Mobile Computing</i> , 2008, 8, 1091-1101.	1.2	0
35	Optimal Design of Random Unitary Beamforming for Energy Efficiency in MIMO Broadcast Channels. <i>IEEE Access</i> , 2017, 5, 12865-12877.	4.2	0
36	Impact of Both Nonzero Boresight and Jitter Pointing Error on Outage Capacity of FSO Communication Systems Over Strong Turbulence. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Systematic and Unified Stochastic Tool to Determine the Multidimensional Joint Statistics of Arbitrary Partial Products of Ordered Random Variables. IEEE Access, 2019, 7, 139773-139786.	4.2	0
38	SER Analysis of Adaptive Threshold-Based Relay Selection With Limited Feedback for Type II Relay. IEEE Access, 2019, 7, 2148-2160.	4.2	0
39	Angle-of-Arrival Estimation Technique for Fast Beamforming Using Monopulse Signal in the Antenna Array Systems. IEEE Access, 2021, 9, 95346-95359.	4.2	0
40	Statistical analysis on finger replacement schemes for RAKE receivers in the soft handover region with multiple BSs over i.n.d. fading channels. PLoS ONE, 2017, 12, e0179126.	2.5	0