Sung Sik Nam

List of Publications by Year
in descending order

		1163117	1058476
40 papers	**244** citations	**8** h-index	**14** g-index
40 all docs	**40** docs citations	**40** times ranked	**234** citing authors

#	Article	IF	Citations
1	Ergodic Capacity Analysis of UAV-Based FSO Links Over Foggy Channels. IEEE Wireless Communications Letters, 2022, 11, 1483-1487.	5.0	2
2	Optimal Multi-Antenna Transmission for the Cooperative Non-Orthogonal Multiple-Access System. Applied Sciences (Switzerland), 2021, 11, 2203.	2.5	2
3	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
4	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
5	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
6	CDF-Based Multiuser Scheduling for Downlink Non-Orthogonal Multiple Access (NOMA). IEEE Access, 2020, 8, 140533-140545.	4.2	1
7	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
8	Outage Analysis for Downlink Non-Orthogonal Multiple Access (NOMA) With CDF-Based Scheduling. IEEE Wireless Communications Letters, 2020, 9, 822-825.	5.0	10
9	Unified statistical performance of FSO link due to the combined effect of weak turbulence and generalized pointing error with HD and IM/DD. Journal of Communications and Networks, 2020, 22, 476-483.	2.6	5
10	The Performance of a CDF-Based Multiuser Scheduling Scheme for Non-Orthogonal Multiple Access (NOMA). , 2019, , .		3
11	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
12	Angle-of-Arrival Estimation in Antenna Arrays based on Monopulse Signal. , 2019, , .		3
13	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
14	Beamformer Optimization for the Full-Duplex AF Relay Wiretap Channels. IEEE Wireless Communications Letters, 2019, 8, 129-132.	5.0	2
15	SER Analysis of Adaptive Threshold-Based Relay Selection With Limited Feedback for Type II Relay. IEEE Access, 2019, 7, 2148-2160.	4.2	0
16	Implementation of Multiple Signal Classification and Triangulation for Localization of Signal Using Universal Software Radio Peripheral. , 2019, , .		1
17	Unified Statistical Channel Model of Ship (or Shore)-to-Ship FSO Communications with Pointing Errors. , 2019, , .		5
18	Iterative Relay Scheduling With Hybrid ARQ Under Multiple User Equipment (Type II) Relay Environments. IEEE Access, 2018, 6, 6455-6463.	4.2	4

#	Article	IF	Citations
19	Performance Analysis of a Threshold-Based Parallel Multiple Beam Selection Scheme for WDM FSO Systems. IEEE Access, 2018, 6, 21498-21517.	4.2	5
20	Secrecy Rate Maximizing Beamforming Schemes for the DF Relay Wiretap Channels. IEEE Access, 2018, 6, 77841-77848.	4.2	1
21	Performance Analysis of FD MIMO DF Cooperative Relaying Networks Using ZFBF. IEEE Access, 2018, 6, 63958-63966.	4.2	1
22	Impact of Both Nonzero Boresight and Jitter Pointing Error on Outage Capacity of FSO Communication Systems Over Strong Turbulence. , 2018, , .		0
23	BER Performance of FSO Links over Unified Channel Model for Pointing Error Models. , 2018, , .		6
24	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
25	Optimal Design of Random Unitary Beamforming for Energy Efficiency in MIMO Broadcast Channels. IEEE Access, 2017, 5, 12865-12877.	4.2	0
26	Impact of Co-Channel Interference on the Outage Performance Under Multiple Type II Relay Environments. IEEE Access, 2017, 5, 26201-26210.	4.2	3
27	SINR Maximizing Beamforming Schemes for the Full Duplex Amplify-and-Forward Relay Channel. IEEE Access, 2017, 5, 18987-18998.	4.2	8
28	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
29	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
30	Multi-Human Detection Algorithm Based on an Impulse Radio Ultra-Wideband Radar System. IEEE Access, 2016, 4, 10300-10309.	4.2	47
31	Impact of Self-Interference on the Performance of Joint Partial RAKE Receiver and Adaptive Modulation. IEEE Access, 2016, 4, 8525-8534.	4.2	3
32	Modified Dynamic Decode-and-Forward Relaying Protocol for Type II Relay in LTE-Advanced and Beyond. PLoS ONE, 2016, 11, e0167457.	2.5	4
33	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
34	Finite Feedback MIMO Precoding for the Two-Way Amplify-and-Forward Relay Network. IEEE Communications Letters, 2014, 18, 620-623.	4.1	5
35	Adaptive Threshold Based Relay Selection for Minimum Feedback and Channel Usage. IEEE Transactions on Wireless Communications, 2011, 10, 3620-3625.	9.2	5
36	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

#	Article	IF	Citations
37	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
38	Performance evaluation of threshold-based power allocation algorithms for down-link switched-based parallel scheduling. IEEE Transactions on Wireless Communications, 2009, 8, 1744-1753.	9.2	3
39	Threshold-based parallel multiuser scheduling. IEEE Transactions on Wireless Communications, 2009, 8, 2150-2159.	9.2	8
40	Diversity combining with upâ€‘link power control. Wireless Communications and Mobile Computing, 2008, 8, 1091-1101.	1.2	0