

# Sangeetha Rg

## List of Publications by Year in descending order

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32  
papers

255  
citations

1478505

6  
h-index

996975

15  
g-index

33  
all docs

33  
docs citations

33  
times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on channel models in free space optical communication systems. Optics and Laser Technology, 2017, 97, 161-171.	4.6	106
2	A survey on performance enhancement in free space optical communication system through channel models and modulation techniques. Optical and Quantum Electronics, 2021, 53, 1.	3.3	28
3	A survey on hybrid MAC protocols for vehicular ad-hoc networks. Vehicular Communications, 2016, 6, 29-36.	4.0	18
4	Study on network performance of interior gateway protocols " RIP, EIGRP and OSPF. , 2017, , .		15
5	Performance of $M$ -ary quadrature amplitude modulation based orthogonal frequency division multiplexing for free space optical transmission. IET Optoelectronics, 2016, 10, 156-162.	3.3	11
6	Bidirectional Data Vortex Optical Interconnection Network: BER Performance by Hardware Simulation and Evaluation of Terminal Reliability. Journal of Lightwave Technology, 2014, 32, 3266-3276.	4.6	8
7	Optical interconnection reverse Data Vortex network. , 2010, , .		7
8	Optical Interconnection Bidirectional Data Vortex Network: Architecture and Performance Analysis. Journal of Lightwave Technology, 2013, 31, 1283-1294.	4.6	6
9	Performance Evaluation of LDPC-Coded Power Series Based $M$ -QAM ( $\frac{3}{4}$ ) Distributed MIMO/FSO Link With M-QAM and Pointing Error. IEEE Access, 2022, 10, 62037-62055.	4.2	6
10	Performance analysis of high speed low-latency torus optical network. , 2018, , .		5
11	A Smart Drowsiness Detection System for Accident Prevention. The National Academy of Sciences, India, 2021, 44, 317-320.	1.3	5
12	Emulation of free space optical link in weak atmospheric turbulence. Microwave and Optical Technology Letters, 2018, 60, 1085-1092.	1.4	4
13	Reliability Analysis of Data Center Network. Lecture Notes in Electrical Engineering, 2018, , 71-80.	0.4	4
14	Hardware implementation of optical switching node for data center networks. Microwave and Optical Technology Letters, 2019, 61, 843-846.	1.4	4
15	Performance Analysis of Power Series based MIMO/FSO Link with Pointing Errors and Atmospheric Turbulence. , 2021, , .		4
16	Power series based $\gamma$ - $\gamma$ fading MIMO/FSO link analysis with atmospheric turbulence and pointing errors. Optical and Quantum Electronics, 2021, 53, 1.	3.3	4
17	Optical interconnection reverse data vortex network: performance analysis. Photonic Network Communications, 2013, 25, 79-88.	2.7	3
18	Classification of normal, seizure and seizure-free EEG signals using EMD and EWT. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Hardware implementation of contention aware optical switching node for data center networks. Microwave and Optical Technology Letters, 2019, 61, 2434-2440.	1.4	3
20	Terminal and broadcast reliability analysis of direct 2-D symmetric torus network. Journal of Supercomputing, 2021, 77, 1517-1536.	3.6	3
21	Performance analysis of torus optical interconnect with data center traffic. ETRI Journal, 2021, 43, 64-73.	2.0	3
22	4x4 Optical Data Vortex Switch Fabric: Fault tolerance and Terminal Reliability Analysis. , 2012, , .		2
23	4&#x00D7;4 Optical data vortex switch fabric: Component reliability analysis. , 2014, , .		1
24	Performance Analysis of Chained K-ary Data Centre Networks. , 2016, , .		1
25	Failure Detection Using Artificial Neural Networks. Lecture Notes in Electrical Engineering, 2022, , 655-661.	0.4	1
26	4&#x00D7;4 Optical data vortex switch fabric: Fault tolerance and network reliability analysis. , 2011, , .		0
27	Cooperative Communication for Resource Sharing in Cognitive Radio Networks. Lecture Notes in Electrical Engineering, 2018, , 99-104.	0.4	0
28	Interdomain Traffic Engineering with BGP and MPLS VPN. Lecture Notes in Electrical Engineering, 2018, , 105-112.	0.4	0
29	Hardware Implementation of Contention Resolution in a 4 $\times$ 4 Torus Network with Binary Optimized Routing Algorithm. Wireless Personal Communications, 2021, 120, 1863-1872.	2.7	0
30	Studies on Hardware Simulation of Optical Interconnection Reverse Data Vortex Network. , 2012, , .		0
31	Analysis of the performance of coded and un-coded mixed RF and multihop coherent OFDM-FSO systems for 5G-CRAN applications. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0
32	Nonlinear effects on WDM optical communication system. Journal of Optical Communications, 2022, , .	4.7	0