

Sangeetha Rg

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Failure Detection Using Artificial Neural Networks. Lecture Notes in Electrical Engineering, 2022, , 655-661. | 0.4 | 1 |
| 2 | 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 |
| 3 | Performance Evaluation of LDPC-Coded Power Series Based M-ary (M, 3/4) Distributed MIMO/FSO Link With M-QAM and Pointing Error. IEEE Access, 2022, 10, 62037-62055. | 4.2 | 6 |
| 4 | Nonlinear effects on WDM optical communication system. Journal of Optical Communications, 2022, . | 4.7 | 0 |
| 5 | Terminal and broadcast reliability analysis of direct 2-D symmetric torus network. Journal of Supercomputing, 2021, 77, 1517-1536. | 3.6 | 3 |
| 6 | Performance analysis of torus optical interconnect with data center traffic. ETRI Journal, 2021, 43, 64-73. | 2.0 | 3 |
| 7 | A Smart Drowsiness Detection System for Accident Prevention. The National Academy of Sciences, India, 2021, 44, 317-320. | 1.3 | 5 |
| 8 | 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 |
| 9 | Performance Analysis of Power Series based MIMO/FSO Link with Pointing Errors and Atmospheric Turbulence. , 2021, , . | | 4 |
| 10 | Hardware Implementation of Contention Resolution in a 4 × 4 Torus Network with Binary Optimized Routing Algorithm. Wireless Personal Communications, 2021, 120, 1863-1872. | 2.7 | 0 |
| 11 | 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 |
| 12 | Hardware implementation of contention aware optical switching node for data center networks. Microwave and Optical Technology Letters, 2019, 61, 2434-2440. | 1.4 | 3 |
| 13 | Hardware implementation of optical switching node for data center networks. Microwave and Optical Technology Letters, 2019, 61, 843-846. | 1.4 | 4 |
| 14 | Emulation of free space optical link in weak atmospheric turbulence. Microwave and Optical Technology Letters, 2018, 60, 1085-1092. | 1.4 | 4 |
| 15 | Cooperative Communication for Resource Sharing in Cognitive Radio Networks. Lecture Notes in Electrical Engineering, 2018, , 99-104. | 0.4 | 0 |
| 16 | Interdomain Traffic Engineering with BGP and MPLS VPN. Lecture Notes in Electrical Engineering, 2018, , 105-112. | 0.4 | 0 |
| 17 | Reliability Analysis of Data Center Network. Lecture Notes in Electrical Engineering, 2018, , 71-80. | 0.4 | 4 |
| 18 | Performance analysis of high speed low-latency torus optical network. , 2018, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A review on channel models in free space optical communication systems. Optics and Laser Technology, 2017, 97, 161-171. | 4.6 | 106 |
| 20 | Classification of normal, seizure and seizure-free EEG signals using EMD and EWT. , 2017, , . | | 3 |
| 21 | Study on network performance of interior gateway protocols " RIP, EIGRP and OSPF. , 2017, , . | | 15 |
| 22 | 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 |
| 23 | A survey on hybrid MAC protocols for vehicular ad-hoc networks. Vehicular Communications, 2016, 6, 29-36. | 4.0 | 18 |
| 24 | Performance Analysis of Chained K-ary Data Centre Networks. , 2016, , . | | 1 |
| 25 | 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 |
| 26 | 4x4 Optical data vortex switch fabric: Component reliability analysis. , 2014, , . | | 1 |
| 27 | Optical interconnection reverse data vortex network: performance analysis. Photonic Network Communications, 2013, 25, 79-88. | 2.7 | 3 |
| 28 | Optical Interconnection Bidirectional Data Vortex Network: Architecture and Performance Analysis. Journal of Lightwave Technology, 2013, 31, 1283-1294. | 4.6 | 6 |
| 29 | Studies on Hardware Simulation of Optical Interconnection Reverse Data Vortex Network. , 2012, , . | | 0 |
| 30 | 4x4 Optical Data Vortex Switch Fabric: Fault tolerance and Terminal Reliability Analysis. , 2012, , . | | 2 |
| 31 | 4x4 Optical data vortex switch fabric: Fault tolerance and network reliability analysis. , 2011, , . | | 0 |
| 32 | Optical interconnection reverse Data Vortex network. , 2010, , . | | 7 |