Shilpi Gupta

List of Publications by Year in descending order

21 papers	100 citations	1684188 5 h-index	1474206 9 g-index
22 all docs	22 docs citations	22 times ranked	60 citing authors

#	Article	IF	Citations
1	Compensating rain induced impairments in terrestrial FSO links using aperture averaging and receiver diversity. Optical and Quantum Electronics, 2019, 51, 1.	3.3	16
2	Experimental investigation of wind and temperature induced scintillation effect on optical wireless communication link. Optik, 2019, 178, 1248-1254.	2.9	16
3	Design and Analysis of Triple Metal Vertical TFET Gate Stacked with N-Type SiGe Delta-Doped Layer. Silicon, 2022, 14, 4217-4225.	3.3	10
4	Real-time salt and pepper noise removal from medical images using a modified weighted average filtering. , 2017, , .		7
5	Orthogonally polarized and 60 GHz dual-channel based 18ÂÃ—Â2.5ÂGb/s DWDM-interleaved hybrid FSO system under atmospheric turbulence. Optical and Quantum Electronics, 2020, 52, 1.	3.3	7
6	Optically assisted mm-wave-based multi-Gbps RoFSO transmission link under channel fading models. Journal of Modern Optics, 2022, 69, 419-426.	1.3	6
7	Effect of wind pressure and modulation schemes on rain interrupted optical wireless links under tropical climates. Optical and Quantum Electronics, 2019, 51, 1.	3.3	5
8	Investigation of weather effects toward convergence of wired and wireless gigabit services over hybrid free-space optical link. Optical Engineering, 2021, 60, .	1.0	5
9	Performance on ICI Self-Cancellation in FFT-OFDM and DCT-OFDM System. Journal of Function Spaces, 2015, 2015, 1-7.	0.9	3
10	GMTI STAP performance under spaceâ€time impaired clutter environment. IET Radar, Sonar and Navigation, 2019, 13, 1836-1841.	1.8	3
11	A Novel Constrained Waveform Designing for MIMO RADAR Using Optimization Algorithms. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2020, 37, 529-539.	3.2	3
12	Constrained Waveform Designing for MIMO RADAR Using Jaya Optimization. Wireless Personal Communications, 2020, 111, 331-342.	2.7	3
13	An investigation of 16-QAM signal transmission over turbulent RoFSO link modeled by gammaâ€“gamma distribution. Journal of Optical Communications, 2024, 44, s1893-s1899.	4.7	3
14	Compact <scp>EBG</scp> ground plane microstrip antenna for broad bandwidth applications. Microwave and Optical Technology Letters, 2016, 58, 555-557.	1.4	2
15	An improved edge detection algorithm using a modified discrete wavelet transform based on morphological thinner for noisy medical images. , 2017, , .		2
16	An Optical Architecture of 12â€‰Ã—â€‰2.5 Gbps Wavelength-Interleaving Free Space Hybrid Distribution System Under Turbulent Atmosphere. Wireless Personal Communications, 2020, 115, 2615-2626.	2.7	2
17	Performance of orthogonal frequency division multiplexing based 60-GHz transmission over turbulent free-space optical link. Journal of Optical Communications, 2024, 44, s1515-s1520.	4.7	2
18	Robust conjugate-gradient based LAS detector for massive MIMO systems. International Journal of Electronics, 2022, 109, 794-810.	1.4	2

#	Article	IF	Citations
19	An Efficient Deep Neural Networks-Based Channel Estimation and Signal Detection in OFDM Systems. Lecture Notes in Networks and Systems, 2022, , 603-613.	0.7	2
20	Performance Analysis of LAS Algorithm in Massive MIMO with Imperfect CSI. Lecture Notes in Networks and Systems, 2022, , 593-601.	0.7	1
21	Compact EBG ground plane microstrip antenna for high gain applications. , 2014, , .		0