

# Ajay Vyas

## List of Publications by Year in descending order

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18  
papers

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citations

1937685

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1872680

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling of symmetrical quadrature optical ring resonator with four different topologies and performance analysis using machine learning approach. Journal of Optical Communications, 2024, 44, s327-s337.	4.7	13
2	Analysis of different structure and nonlinear distortion of multicore fiber for power over fiber applications. Optik, 2018, 168, 184-191.	2.9	7
3	Comparative Analysis of RED Queue Variants for Data Traffic Reduction Over Wireless Network. Lecture Notes in Electrical Engineering, 2020, , 31-39.	0.4	7
4	Elliptical air holes based photonic crystal fiber for narrow band gap and peak power at 1.55 micrometre wavelength. Optik, 2019, 184, 28-34.	2.9	4
5	Multiple rings based photonic crystal fiber for terahertz application. Optik, 2021, 231, 166424.	2.9	4
6	Comparative study of polynomial based predistorters for LTE-radio over fiber applications. Optik, 2016, 127, 6303-6311.	2.9	3
7	Development of hybrid envelop memory polynomial based predistorter for RoF system. Optik, 2016, 127, 4768-4773.	2.9	3
8	Comparative Study of DC-DC Converter With Different Control Techniques. SSRN Electronic Journal, 0, , .	0.4	3
9	Development of Optical Impairment Minimization Technique for Radio Over Fiber Link. Advances in Intelligent Systems and Computing, 2016, , 615-624.	0.6	2
10	Comparison of digital signal processing, feedback and feedforward compensation technique for dual polarization 128-QAM radio over fiber link. Optik, 2018, 174, 68-76.	2.9	2
11	5G Green Communication: A Review Report. SSRN Electronic Journal, 0, , .	0.4	1
12	Investigation of crosstalk and BER in multicore fiber optic transmission link for Space Division Multiplexing. Results in Optics, 2022, 8, 100251.	2.0	1
13	Implementation of nonlinear distortion minimization technique for RoF link using polynomial based predistorter. , 2016, , .		0
14	Modified Power over fiber link architecture for high power applications and its implementation challenges. , 2018, , .		0
15	Impact Analysis of the Number of Core on Hexagonal Multicore Fibre. Journal of Optical Communications, 2020, .	4.7	0
16	Predication of negative dispersion for photonic crystal fiber using extreme learning machine. Journal of Optical Communications, 2021, .	4.7	0
17	A Review on Challenges and Expected Solutions for Green Communication. SSRN Electronic Journal, 0, , .	0.4	0
18	Investigation of Figure of Merits for 256qam-Fso Link at Diverse Climate Conditions. SSRN Electronic Journal, 0, , .	0.4	0