

Dhananjay Patel

List of Publications by Year in descending order

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14
papers

65
citations

1937685
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1588992
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docs citations

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43
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel wavelength reused bidirectional RoF-WDM-PON architecture to mitigate reflection and Rayleigh backscattered noise in multi-Gb/s m-QAM OFDM SSB upstream and downstream transmission over a single fiber. Optics Communications, 2017, 390, 26-35.	2.1	12
2	Assessment of Fiber Chromatic Dispersion Based on Elimination of Second-Order Harmonics in Optical OFDM Single Sideband Modulation Using Mach Zehnder Modulator. Fiber and Integrated Optics, 2016, 35, 181-195.	2.5	11
3	Performance analysis of single sideband modulation technique using Mach Zehnder Modulator based on different phase angles of electrical hybrid coupler. Optik, 2017, 128, 93-100.	2.9	9
4	Analysis of second order harmonic distortion due to transmitter non-linearity and chromatic and modal dispersion of optical OFDM SSB modulated signals in SMF-MMF fiber links. Optics Communications, 2017, 383, 294-303.	2.1	7
5	Performance analysis of optical double sideband and optical single sideband generation using mach zehnder modulator chirp and extinction ratio over different fiber link. , 2017, , .		7
6	Mitigation of RB noise in bidirectional fiber transmission systems based on different OFDM SSB techniques. Optics Communications, 2018, 426, 273-277.	2.1	5
7	On the effect of the extinction ratio and the modulation index on optical up conversion using DSBSC modulation and transmitting over different fiber links. Optik, 2016, 127, 11845-11853.	2.9	4
8	Performance evaluation of optical OFDM in direct detected systems based on MZM bias and drive voltages. Telecommunication Systems, 2017, 65, 771-781.	2.5	3
9	Assessment of the DC Bias to Mitigate the Clipping Noise in DCO-OFDM, ACO-OFDM; and Non-linear Distortion of DFB Laser Transmitted through Dispersive Single Mode Fibers in IM/DD Systems. Wireless Personal Communications, 2017, 96, 341-360.	2.7	2
10	Performance Analysis of CFBG and DCF Based on Dispersion Compensation. , 2020, , .		2
11	Assessment of SSB, Modified-SSB and VSB Modulation Techniques based on Modulation Index, Extinction Ratio, Chromatic Dispersion and Received RF power. , 2021, , .		2
12	Performance evaluation of a single mode-multi mode cost efficient fiber link used for 4/16/64 QAM gigabit OFDM MMW transmission using different MZM modulation schemes. , 2017, , .		1
13	Assessment of RB Noise in Bidirectional RoF Based on Different O-OFDM SSB Systems. , 2018, , .		0
14	Performance Analysis Of Optical Modulation Techniques Based On Reduction Of Second Order Harmonics And Chromatic Dispersion on OFDM Signals. Fiber and Integrated Optics, 2021, 40, 304-321.	2.5	0