

Sandeep Sharma

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

330
citations

1040056

9
h-index

996975

15
g-index

25
all docs

25
docs citations

25
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance analysis of all-optical full-adder based on two-dimensional photonic crystals. Journal of Computational Electronics, 2018, 17, 1124-1134.	2.5	53
2	Sensitivity enhancement of surface plasmon resonance sensor using 2D material barium titanate and black phosphorus over the bimetallic layer of Au, Ag, and Cu. Optics Communications, 2022, 508, 127616.	2.1	51
3	Proposed new approach to the design of universal logic gates using the electro-optic effect in Mach-Zehnder interferometers. Applied Optics, 2015, 54, 8479.	2.1	43
4	Comparative Analysis of LPCC, MFCC and BFCC for the Recognition of Hindi Words using Artificial Neural Networks. International Journal of Computer Applications, 2014, 101, 22-27.	0.2	34
5	Design of optical decoder circuits using electro-optic effect inside Mach-Zehnder interferometers for high speed communication. Photonic Network Communications, 2018, 35, 79-89.	2.7	21
6	Design of XOR/AND gate using 2D photonic crystal principle. Proceedings of SPIE, 2017, , .	0.8	19
7	Speech Recognition System: A Review. International Journal of Computer Applications, 2015, 115, 7-10.	0.2	18
8	Design of optimized all-optical NAND gate using metal-insulator-metal waveguide. Optik, 2019, 182, 524-528.	2.9	17
9	All-Optical Half-Adder Circuit Based on Beam Interference Principle of Photonic Crystal. Journal of Optical Communications, 2017, 39, .	4.7	15
10	Design of 4 to 2 line encoder using lithium niobate based Mach Zehnder Interferometers for high speed communication. , 2016, , .		9
11	Design of optical seven-segment decoder using Pockel's effect inside lithium niobate-based waveguide. Optical Engineering, 2017, 56, 017103.	1.0	7
12	Design of Electro-Optical Cyclic Redundancy Check Encoder Using Lithium Niobate Waveguide for Reliable Communication. , 2018, , .		6
13	Automatic Fire Initiated Braking and Alert System for Trains. , 2015, , .		5
14	Optical 1's and 2's complement devices using lithium-niobate-based waveguide. Optical Engineering, 2016, 55, 125104.	1.0	5
15	Binary to Octal and Octal to Binary Code Converter Using Mach-Zehnder Interferometer for High Speed Communication. Journal of Optical Communications, 2017, 38, 117-127.	4.7	5
16	Error detecting code for long haul network. , 2018, , .		5
17	Design of Optical Boolean Function Generator Using Lithium Niobate-Based Mach-Zehnder Interferometer for WDM Applications. Journal of Optical Communications, 2017, 38, 133-140.	4.7	4
18	A systematic survey of facial expression recognition techniques. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
19	Optimized Serial Linear Block Code Generator for High Speed Communication. , 2018, , .		4
20	Design and simulation of ultra-low loss triple tapered asymmetric directional coupler at 1330Ånm. Microelectronics Journal, 2021, 107, 104957.	2.0	3
21	SIW Based Cavity Backed Self-Quadplexing Slot Antenna. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2021, 20, 490-503.	0.7	2
22	Reflectance measurement of the CdZnTe surfaces below and above the damage threshold value. , 2004, , .		0
23	Design and analysis of an optical FIR filter. Proceedings of SPIE, 2016, , .	0.8	0
24	A 50ÅMHzâ€“4ÅGHz Low-Noise Amplifier for Wideband Applications. Lecture Notes in Electrical Engineering, 2018, , 134-140.	0.4	0
25	Adaptive HMM based Speech Recognition to Recognize Multi-lingual Sentence. International Journal of Computer Applications, 2015, 115, 28-32.	0.2	0