

# 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

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docs citations

25  
times ranked

134  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	SIW Based Cavity Backed Self-Quadplexing Slot Antenna. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2021, 20, 490-503.	0.7	2
3	Design and simulation of ultra-low loss triple tapered asymmetric directional coupler at 1330nm. Microelectronics Journal, 2021, 107, 104957.	2.0	3
4	Design of optimized all-optical NAND gate using metal-insulator-metal waveguide. Optik, 2019, 182, 524-528.	2.9	17
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	Optimized Serial Linear Block Code Generator for High Speed Communication. , 2018, , .		4
7	Design of Electro-Optical Cyclic Redundancy Check Encoder Using Lithium Niobate Waveguide for Reliable Communication. , 2018, , .		6
8	Performance analysis of all-optical full-adder based on two-dimensional photonic crystals. Journal of Computational Electronics, 2018, 17, 1124-1134.	2.5	53
9	A 50MHz-4GHz Low-Noise Amplifier for Wideband Applications. Lecture Notes in Electrical Engineering, 2018, , 134-140.	0.4	0
10	Error detecting code for long haul network. , 2018, , .		5
11	Design of XOR/AND gate using 2D photonic crystal principle. Proceedings of SPIE, 2017, , .	0.8	19
12	Design of optical seven-segment decoder using Pockel's effect inside lithium niobate-based waveguide. Optical Engineering, 2017, 56, 017103.	1.0	7
13	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
14	All-Optical Half-Adder Circuit Based on Beam Interference Principle of Photonic Crystal. Journal of Optical Communications, 2017, 39, .	4.7	15
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	A systematic survey of facial expression recognition techniques. , 2017, , .		4
17	Optical 1's and 2's complement devices using lithium-niobate-based waveguide. Optical Engineering, 2016, 55, 125104.	1.0	5
18	Design of 4 to 2 line encoder using lithium niobate based Mach Zehnder Interferometers for high speed communication. , 2016, , .		9

#	ARTICLE	IF	CITATIONS
19	Design and analysis of an optical FIR filter. Proceedings of SPIE, 2016, , .	0.8	0
20	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
21	Automatic Fire Initiated Braking and Alert System for Trains. , 2015, , .		5
22	Speech Recognition System: A Review. International Journal of Computer Applications, 2015, 115, 7-10.	0.2	18
23	Adaptive HMM based Speech Recognition to Recognize Multi-lingual Sentence. International Journal of Computer Applications, 2015, 115, 28-32.	0.2	0
24	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
25	Reflectance measurement of the CdZnTe surfaces below and above the damage threshold value. , 2004, , .		0