Kuldeep Choudhary

List of Publications by Year
in descending order

14 papers	199 citations	1040056 9 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	45 citing authors

#	Article	IF	Citations
1	2D material-based optical sensors: a review. ISSS Journal of Micro and Smart Systems, 2022, 11, 169-177.	2.0	10
2	Graphene and Its Immense Contribution in Defense and Security: A Review. Analytical Chemistry Letters, 2022, 12, 1-12.	1.0	10
3	Design and analysis of all optical reflective code using MIM waveguides in Mach-Zehnder interferometer. , 2022, , .		1
4	Design of all-optical 2x1 line selector using metal-insulator-metal plasmonic waveguide based Machâ€"Zehnder interferometer. , 2022, , .		0
5	Recent Advances in K-SPR Sensors for the Detection of Biomolecules and Microorganisms: A Review. IEEE Sensors Journal, 2022, 22, 11415-11426.	4.7	14
6	Design of all-optical OR/NAND logic gate using plasmonic metal-insulator-metal waveguide. , 2021, , .		1
7	Optimized plasmonic reversible logic gate for low loss communication. Applied Optics, 2021, 60, 4567.	1.8	21
8	Implementation of highly optimized optical all logic gates on a single chip using Ti-diffused lithium-niobate for high-speed processing in combinational circuits. Microelectronics Journal, 2021, 111, 105048.	2.0	12
9	Implementation of an optical universal one-bit arithmetic logical circuit for high-speed processing combinational circuits. Optical and Quantum Electronics, 2020, 52, 1.	3.3	10
10	Design of an Optical OR Gate using Mach-Zehnder Interferometers. Journal of Optical Communications, 2018, 39, 161-165.	4.7	13
11	Implementation of 3-bit binary to Excess-3 code converter using Mach-Zehnder interferometer. , 2017, , .		1
12	Design of pseudorandom binary sequence generator using lithium-niobate-based Machâ€"Zehnder interferometers. Optical Engineering, 2017, 56, 057104.	1.0	11
13	Implementation of wavelength selector based on electro-optic effect in Machâ€"Zehnder interferometers for high speed communications. Optics Communications, 2015, 350, 108-118.	2.1	46
14	Design of 1-bit and 2-bit magnitude comparators using electro-optic effect in Machâ€"Zehnder interferometers. Optics Communications, 2015, 357, 127-147.	2.1	49