Geetika Jain Saxena

List of Publications by Year
in descending order

27 papers	102 citations	1937685 4 h-index	1474206 9 g-index
27 all docs	27 docs citations	27 times ranked	69 citing authors

#	Article	IF	Citations
1	Cyber-Physical Systems Enabled Transport Networks in Smart Cities: Challenges and Enabling Technologies of the New Mobility Era. IEEE Access, 2022, 10, 16350-16364.	4.2	19
2	Design of a Compact Low-Loss Phase Shifter Based on Optical Phase Change Material. IEEE Photonics Technology Letters, 2019, 31, 1757-1760.	2.5	16
3	Robust and Secure Digital Image Watermarking Technique Using Arnold Transform and Memristive Chaotic Oscillators. IEEE Access, 2021, 9, 72465-72483.	4.2	13
4	Compact Mode Division (de)Multiplexer Based on Collaterally Coupled SOI Waveguides. IEEE Photonics Technology Letters, 2020, 32, 595-598.	2.5	12
5	A robust algorithm for morphological, spatial image-filtering and character feature extraction and mapping employed for vehicle number plate recognition. , 2017, , .		7
6	Multilayer vehicle classification integrated with single frame optimized object detection framework using CNN based deep learning architecture. , 2018, , .		6
7	Image Processing and IoT Based Innovative Energy Conservation Technique. , 2018, , .		6
8	An Improved Decision Support System for Identification of Abnormal EEG Signals Using a 1D Convolutional Neural Network and Savitzky-Golay Filtering. IEEE Access, 2021, 9, 163492-163503.	4.2	5
9	Gain calculations in erbium-doped fibers using field approximations. Microwave and Optical Technology Letters, 2001, 29, 256-259.	1.4	4
10	Gain calculation in erbium-doped $LiNbO_3$ channel waveguides by defining a complex index profile. Optical Engineering, 2004, 43, 1454.	1.0	4
11	Closed-form modal field expressions in diffused channel waveguides. , 2004, 5349, 163.		3
12	Efficient strip to slot waveguide mode converter using fast quasi-adiabatic approach. Engineering Research Express, 2020, 2, 035014.	1.6	2
13	Multilayer perceptronâ€"random forest based hybrid machine learningâ€"neural network model for GaN high electron mobility transistor's parameter estimations. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	2
14	Er-LiNbO_3 waveguide: field approximation for simplified gain calculations in DWDM application. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 633.	2.1	1
15	Design, Simulation and Comparative Analysis of Different Types of Solar Charge Controllers for Optimized Efficiency. , 2019, , .		1
16	SOI based compact mode- and polarization division multiplexer for on-chip optical interconnects: design and simulation. Applied Optics, 0, , .	1.8	1
17	Simplified gain calculation in erbium-doped LiNbO 3 waveguides. , 2007, , .		0
18	Synthesis of titanium indiffused LiNbO 3 waveguides with desired modal fields. , 2010, , .		0

#	Article	IF	Citations
19	Design and Modeling of Titanium Indiffused LiNbO<SUB>3</SUB> Waveguides for Optimum Coupling to Communication Grade Fiber. Journal of Computational and Theoretical Nanoscience, 2013, 10, 1326-1334.	0.4	0
20	Propagation of a periodic sequence of Gaussian pulses through coaxial fiber for pulse repetition rate multiplication. , 2015, , .		0
21	Three stage robust attendance recording and monitoring using social media platform, image processing and cloud computing. , 2017, , .		0
22	Design of the coaxial optical fiber for pulse repetition rate multiplication by Talbot effect. Optical Fiber Technology, 2018, 46, 248-257.	2.7	0
23	Towards an immersive and safer driving experience using computer vision integrated with encoded vibro-tactile feedback. International Journal of Vehicle Autonomous Systems, 2020, 15, 114.	0.2	0
24	Pulse repetition rate multiplication by Talbot effect in a coaxial fiber. , 2018, , .		0
25	Towards an immersive and safer driving experience using computer vision integrated with encoded vibro-tactile feedback. International Journal of Vehicle Autonomous Systems, 2019, 1, 1.	0.2	0
26	Predictive Analysis based on Feature Relevance Estimation for Survival Rate Post Heart Failure using Ensemble Learners. , 2022, , .		0
27	Secure digital image watermarking using memristor-based hyperchaotic circuit. Visual Computer, 0, , .	3.5	0