

Iraj Sadegh Amiri

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of Bidirectional Wavelength Division Multiple Access Broadband Optical Passive Elastic Networks Operation Efficiency. Journal of Optical Communications, 2024, 45, 87-93.	4.0	72
2	Distributed Feedback Laser (DFB) for Signal Power Amplitude Level Improvement in Long Spectral Band. Journal of Optical Communications, 2024, 44, s125-s130.	4.0	94
3	Beam divergence and operating wavelength bands effects on free space optics communication channels in local access networks. Journal of Optical Communications, 2024, 44, s823-s831.	4.0	83
4	A long-reach radio over free space optics (Ro-FSO) system using hybrid orthogonal frequency division multiplexing (OFDM)-multibeam concept with enhanced detection. Journal of Optical Communications, 2024, 44, s77-s83.	4.0	3
5	Four bits data sequence generators based ytterbium doped fiber amplifiers for upgrading maximum Q factor and minimum BER. Journal of Optical Communications, 2024, 44, s187-s195.	4.0	0
6	High Birefringence and Negative Dispersion Based Modified Decagonal Photonic Crystal Fibers: A Numerical Study. Journal of Optical Communications, 2024, 44, s1839-s1849.	4.0	6
7	Chirped Large Mode Area Photonic Crystal Modal Fibers and its Resonance Modes Based on Finite Element Technique. Journal of Optical Communications, 2023, 44, 333-338.	4.0	73
8	IoT-Based Health Monitoring System Using BeagleBone Black with Optical Sensor. Journal of Optical Communications, 2023, 44, 359-365.	4.0	6
9	Average Power Model of Optical Raman Amplifiers Based on Frequency Spacing and Amplifier Section Stage Optimization. Journal of Optical Communications, 2023, 44, 19-27.	4.0	84
10	High-Speed Light Sources in High-Speed Optical Passive Local Area Communication Networks. Journal of Optical Communications, 2023, 44, 61-67.	4.0	75
11	Spatial Continuous Wave Laser and Spatiotemporal VCSEL for High-Speed Long Haul Optical Wireless Communication Channels. Journal of Optical Communications, 2023, 44, 43-51.	4.0	83
12	Mathematical Model Analysis of Dispersion and Loss in Photonic Crystal Fibers. Journal of Optical Communications, 2023, 44, 139-144.	4.0	74
13	Effects of Order Super Gaussian Pulses on the Performance of High Data Rate Optical Fiber Channel in the Presence of Self Phase Modulation. Journal of Optical Communications, 2023, 44, 117-123.	4.0	62
14	Numerical Analysis of Soliton Propagation in a Tapered Waveguide. Journal of Optical Communications, 2023, 44, 535-538.	4.0	0
15	Different Photonic Crystal Fibers Configurations with the Key Solutions for the Optimization of Data Rates Transmission. Journal of Optical Communications, 2023, 44, 431-435.	4.0	69
16	Nonlinear Effects with Semiconductor Optical Amplifiers. Journal of Optical Communications, 2023, 44, 11-17.	4.0	74
17	Graphene Oxide Effect on Improvement of Silver Surface Plasmon Resonance D-Shaped Optical Fiber Sensor. Journal of Optical Communications, 2023, 44, 53-60.	4.0	29
18	Interaction between Optical Sources and Optical Modulators for High-Speed Optical Communication Networks. Journal of Optical Communications, 2022, 43, 625-632.	4.0	65

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19	High-Speed Transmission Circuits Signaling in Optical Communication Systems. Journal of Optical Communications, 2022, .	4.0	73
20	Basic Functions of Fiber Bragg Grating Effects on the Optical Fiber Systems Performance Efficiency. Journal of Optical Communications, 2022, 43, 633-639.	4.0	69
21	Polar Polarization Mode and Average Radical Flux Intensity Measurements Based on All Optical Spatial Communication Systems. Journal of Optical Communications, 2022, .	4.0	72
22	Designing chitosan nanoparticles embedded into graphene oxide as a drug delivery system. Polymer Bulletin, 2022, 79, 541-554.	1.7	18
23	The effects of Tx./Rx. pointing errors on the performance efficiency of local area optical wireless communication networks. Journal of Optical Communications, 2022, .	4.0	58
24	Novel Detection of Diesel Adulteration Using Silver-Coated Surface Plasmon Resonance Sensor. Plasmonics, 2022, 17, 467-478.	1.8	8
25	The Engagement of Hybrid Ultra High Space Division Multiplexing with Maximum Time Division Multiplexing Techniques for High-Speed Single-Mode Fiber Cable Systems. Journal of Optical Communications, 2022, 43, 219-223.	4.0	77
26	Identification of Molecular Biomarkers and Key Pathways for Esophageal Carcinoma (EsC): A Bioinformatics Approach. BioMed Research International, 2022, 2022, 1-14.	0.9	4
27	Identification of Potential Key Genes and Molecular Mechanisms of Medulloblastoma Based on Integrated Bioinformatics Approach. BioMed Research International, 2022, 2022, 1-17.	0.9	8
28	Single Wide Band Traveling Wave Semiconductor Optical Amplifiers for All Optical Bidirectional Wavelength Conversion. Journal of Optical Communications, 2021, .	4.0	71
29	The Physical Parameters of EDFA and SOA Optical Amplifiers and Bit Sequence Variations Based Optical Pulse Generators Impact on the Performance of Soliton Transmission Systems. Journal of Optical Communications, 2021, .	4.0	69
30	Comparative Simulation of Thermal Noise Effects for Photodetectors on Performance of Long-Haul DWDM Optical Networks. Journal of Optical Communications, 2021, .	4.0	69
31	Signal Processing Criteria Based on Electro-Optic Filters for Fiber Optic Access Transceiver Systems. Journal of Optical Communications, 2021, .	4.0	65
32	Comparative Simulation Study of Multi Stage Hybrid All Optical Fiber Amplifiers in Optical Communications. Journal of Optical Communications, 2021, .	4.0	73
33	Analytical Modeling of Short-Channel Fully-Depleted Triple Work Function Metal Gate (TWFMG) SOI MESFET. Silicon, 2021, 13, 747-755.	1.8	1
34	Microring Plasmonic Circuit Characteristics Using Space-Time Modulation Control. Plasmonics, 2021, 16, 533-539.	1.8	1
35	Temperature Sensing with Fibre Bragg Grating and No-Core Fibre. The National Academy of Sciences, India, 2021, 44, 405-407.	0.8	1
36	Ultra-High Capacity FSK Transmission Using Silicon Microring Embedded Gold Grating Circuits. Silicon, 2021, 13, 1295-1301.	1.8	1

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37	Hall effect sensors using polarized electron cloud spin orientation control. <i>Microscopy Research and Technique</i> , 2021, 84, 563-570.	1.2	0
38	Waveguides including negative permeability and simultaneously negative permittivity and permeability materials for sensing applications. <i>Optik</i> , 2021, 228, 166147.	1.4	1
39	High Ability of a Reliable Novel TFET-Based Device in Detection of Biomolecule Specifiesâ€™A Comprehensive Analysis on Sensing Performance. <i>IEEE Sensors Journal</i> , 2021, 21, 6880-6887.	2.4	23
40	Nitrile-calixarene grafted magnetic graphene oxide for removal of arsenic from aqueous media: Isotherm, kinetic and thermodynamic studies. <i>Chemosphere</i> , 2021, 268, 129348.	4.2	25
41	Numerical demonstration of triangular shaped photonic crystal fibreâ€™based biosensor in the Terahertz range. <i>IET Optoelectronics</i> , 2021, 15, 1-7.	1.8	18
42	Optimum light transmission via microring resonator under a lossyâ€™coupler critical coupling condition. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 653-661.	0.9	6
43	Microring Plasmonic Transducer Circuits for Up-Downstream Communications. <i>Plasmonics</i> , 2021, 16, 123-129.	1.8	0
44	Universal dispersion curves of a planar waveguide with an exponential graded-index guiding layer and a nonlinear cladding. <i>Results in Physics</i> , 2021, 20, 103734.	2.0	29
45	Bandenna for RF energy harvesting and flexible electronics. <i>Microsystem Technologies</i> , 2021, 27, 1857-1861.	1.2	5
46	CBPR: A Cluster-Based Backpressure Routing for the Internet of Things. <i>Wireless Personal Communications</i> , 2021, 118, 3167-3185.	1.8	14
47	Identification of molecular biomarkers and pathways of NSCLC: insights from a systems biomedicine perspective. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 43.	1.5	8
48	Graphene Nanoribbon FET Compact Model on the Basis of ANN Configuration Applicable in Different Spice Levels. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 031008.	0.9	5
49	A review on energy management issues for future 5G and beyond network. <i>Wireless Networks</i> , 2021, 27, 2691-2718.	2.0	13
50	GaAs electro-optic absorption modulators performance evaluation, under high-temperature variations. <i>Journal of Optical Communications</i> , 2021, .	4.0	40
51	Routing constraints in the device-to-device communication for beyond IoT 5G networks: a review. <i>Wireless Networks</i> , 2021, 27, 3207-3231.	2.0	9
52	Surface plasmon resonance-based optical sensor using a thin layer of plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 2362.	0.9	38
53	Anomalous birefringence and nonlinearity enhancement of As ₂ S ₃ and As ₂ S ₅ filled D-shape fiber for optical communication. <i>Physica Scripta</i> , 2021, 96, 115501.	1.2	7
54	Impact of auxiliary gate work function on boosting electrical performance of a gate-all-around field effect transistor with emphasis on the scaling behavior. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 156, 110134.	1.9	2

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55	Automated invasive cervical cancer disease detection at early stage through suitable machine learning model. SN Applied Sciences, 2021, 3, 1.	1.5	23
56	Heart disease prediction using supervised machine learning algorithms: Performance analysis and comparison. Computers in Biology and Medicine, 2021, 136, 104672.	3.9	141
57	Analytical Model Analysis of Reflection/Transmission Characteristics of Long-Period Fiber Bragg Grating (LPFBG) by Using Coupled Mode Theory. Journal of Optical Communications, 2021, .	4.0	84
58	Performance Enhancement of Fiber Optic and Optical Wireless Communication Channels by Using Forward Error Correction Codes. Journal of Optical Communications, 2021, .	4.0	70
59	Pump Laser Automatic Signal Control for Erbium-Doped Fiber Amplifier Gain, Noise Figure, and Output Spectral Power. Journal of Optical Communications, 2021, .	4.0	70
60	Conventional/Phase Shift Dual Drive Mach-Zehnder Modulation Measured Type Based Radio over Fiber Systems. Journal of Optical Communications, 2021, .	4.0	82
61	Fast speed switching response and high modulation signal processing bandwidth through LiNbO ₃ electro-optic modulators. Journal of Optical Communications, 2021, .	4.0	79
62	Machine learning-based statistical analysis for early stage detection of cervical cancer. Computers in Biology and Medicine, 2021, 139, 104985.	3.9	35
63	Influence of Loading, Regeneration and Recalling Elements Processes on the System Behavior of All Optical Data Bus Line System Random Access Memory. Journal of Optical Communications, 2020, .	4.0	74
64	Power Enhancement of the U-shape Cavity Microring Resonator Through Gap and Material Characterizations. Journal of Optical Communications, 2020, .	4.0	79
65	Technical Specifications of the Submarine Fiber Optic Channel Bandwidth/Capacity in Optical Fiber Transmission Systems. Journal of Optical Communications, 2020, .	4.0	72
66	A novel free space communication system using nonlinear InGaAsP microsystem resonators for enabling power-control toward smart cities. Wireless Networks, 2020, 26, 2317-2328.	2.0	30
67	The impact of the Marangoni convection and magnetic field versus blood-based carbon nanotube nanofluids. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2020, 234, 37-46.	0.5	5
68	Fe ₃ O ₄ nanofluid injected photonic crystal fiber for magnetic field sensing applications. Journal of Magnetism and Magnetic Materials, 2020, 494, 165831.	1.0	27
69	Plasmonic Micro-Antenna Characteristics Using Gold Grating Embedded in a Panda-Ring Circuit. Plasmonics, 2020, 15, 279-285.	1.8	15
70	Time-critical energy minimization protocol using PQM (TCQM-PQM) for wireless body sensor network. Journal of Supercomputing, 2020, 76, 5862-5872.	2.4	16
71	Microring Distributed Sensors Using Space-Time Function Control. IEEE Sensors Journal, 2020, 20, 799-805.	2.4	11
72	A Fan-Beam Stacked Array X-Band Radar Antenna. The National Academy of Sciences, India, 2020, 43, 163-166.	0.8	6

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73	Correlation of human papillomavirus 16 and 18 with cervical cancer and their diagnosis methods in Iranian women: A systematic review and meta-analysis. <i>Current Problems in Cancer</i> , 2020, 44, 100493.	1.0	10
74	Physical layer impairment-aware shared path protection in wavelength-routed optical networks. <i>Journal of Supercomputing</i> , 2020, 76, 5694-5714.	2.4	4
75	Hibernation Model Based on Polariton Successive Filtering. <i>The National Academy of Sciences, India</i> , 2020, 43, 207-211.	0.8	3
76	DABPR: a large-scale internet of things-based data aggregation back pressure routing for disaster management. <i>Wireless Networks</i> , 2020, 26, 2353-2374.	2.0	24
77	Identifying Metal Nanoparticle Size Effect on Sensing Common Human Plasma Protein by Counting the Sensitivity of Optical Absorption Spectra Damping. <i>Plasmonics</i> , 2020, 15, 123-133.	1.8	17
78	Chip to chip communication through the photonic integrated circuit: A new paradigm to optical VLSI. <i>Optik</i> , 2020, 202, 163588.	1.4	9
79	MHD thin film flow of kerosene oil based CNTs nanofluid under the influence of Marangoni convection. <i>Physica Scripta</i> , 2020, 95, 015702.	1.2	15
80	Realization of white LED using plasmonic-based photonic structure through reflection, absorption and transmission analysis. <i>Optik</i> , 2020, 207, 163863.	1.4	2
81	THIN FILM FLOW OF CNTs NANOFLUID OVER A THIN NEEDLE SURFACE. <i>Surface Review and Letters</i> , 2020, 27, 1950189.	0.5	2
82	Proposal of an Embedded Nanogap Biosensor by a Graphene Nanoribbon Field-Effect Transistor for Biological Samples Detection. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 1900879.	0.8	10
83	Double Vision Model Using Space-Time Function Control within Silicon Microring System. <i>Silicon</i> , 2020, 12, 2635-2640.	1.8	3
84	Theoretical analysis of highly temperature-sensitive fem based optical sensor in the infrared range. <i>Optik</i> , 2020, 205, 164060.	1.4	7
85	A Silicon on Nothing LDMOS with Two Air Pillars in Gate Insulator for Power Applications. <i>Silicon</i> , 2020, 12, 2581-2586.	1.8	7
86	Electron Cloud Density Generated by Microring-Embedded Nano-grating System. <i>Plasmonics</i> , 2020, 15, 543-549.	1.8	2
87	A proposal for realization of MIR to NIR up-conversion process based on nano-optomechanical system. <i>Physica B: Condensed Matter</i> , 2020, 580, 411933.	1.3	2
88	Oblique projection: An interference mitigation for MIMO multihop full-duplex relay. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020, 31, e3799.	2.6	3
89	Realization of 3D memory for optical computer: A new paragon to future photonics. <i>Optik</i> , 2020, 203, 163914.	1.4	5
90	A Nanoscale-Modified band energy junctionless transistor with considerable progress on the electrical and frequency issue. <i>Materials Science in Semiconductor Processing</i> , 2020, 107, 104849.	1.9	34

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91	Optical communication transmission systems improvement based on chromatic and polarization Mode dispersion compensation simulation management. <i>Optik</i> , 2020, 207, 163853.	1.4	100
92	Design and FEM analysis of pentagonal photonic crystal fiber for highly non-linear applications. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	1.5	6
93	Electron Cloud Spectroscopy Using Micro-Ring Fabry-Pérot Sensor Embedded Gold Grating. <i>IEEE Sensors Journal</i> , 2020, 20, 10564-10571.	2.4	13
94	Identification of vital regulatory genes with network pathways among Huntington's, Parkinson's, and Alzheimer's diseases. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2020, 9, 1.	1.2	3
95	Electrothermal analysis of novel N-P-P FinFET with electrically doped drain: a dual material gate device for reliable nanoscale applications. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	0
96	Profound analysis on sensing performance of Nanogap SiGe source DM-TFET biosensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 22699-22712.	1.1	22
97	Label-free detection of DNA by a dielectric modulated armchair-graphene nanoribbon FET based biosensor in a dual-nanogap setup. <i>Materials Science and Engineering C</i> , 2020, 117, 111293.	3.8	7
98	Proposal of a Highly Birefringent Bow-Tie Photonic Crystal Fiber for Nonlinear Applications. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 659-670.	0.2	3
99	Bidirectional Controlled Quantum Teleportation Using Eight-Qubit Quantum Channel in Noisy Environments. <i>International Journal of Theoretical Physics</i> , 2020, 59, 3156-3173.	0.5	10
100	The impact of feeder reconfiguration on automated distribution network with respect to resilience concept. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	7
101	Introducing New Conjugated Quantum Dots for Photothermal Therapy in Biological Applications. <i>Plasmonics</i> , 2020, 15, 1565-1575.	1.8	2
102	Carbon disulphide (CS ₂) enriched photonic crystal fiber for nonlinear application: a FEM scheme. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	1.5	6
103	Nonlinear studies of graphene oxide and its application to moisture detection in transformer oil using D-shaped optical fibre. <i>Journal of Modern Optics</i> , 2020, 67, 619-627.	0.6	3
104	High-Density Wavelength Multiplexing Model for THz-EMI Transmission. <i>Wireless Personal Communications</i> , 2020, 113, 1225-1239.	1.8	1
105	Thermo-electro-optic energy conversion using plasmonic island embedded silicon microring circuit. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 3407-3411.	0.9	0
106	Design of Magnetic Fluid Sensor Using Elliptically Hole Assisted Photonic Crystal Fiber (PCF). <i>Journal of Superconductivity and Novel Magnetism</i> , 2020, 33, 2189-2198.	0.8	18
107	Optical fiber surrounded by a graphene layer as an optical sensor. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	1.5	8
108	EMBLR: A High-Performance Optimal Routing Approach for D2D Communications in Large-scale IoT 5G Network. <i>Symmetry</i> , 2020, 12, 438.	1.1	12

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109	Correction to "Microring Distributed Sensors Using Space-Time Function Control" [Jan 20 799-805]. IEEE Sensors Journal, 2020, 20, 3956-3956.	2.4	1
110	An optimal network coding based backpressure routing approach for massive IoT network. Wireless Networks, 2020, 26, 3657-3674.	2.0	32
111	Electron density transport using microring circuit for dual-mode power transmission. Optical and Quantum Electronics, 2020, 52, 1.	1.5	3
112	Design and performance evaluation of photonic crystal fibers of supporting orbital angular momentum states in optical transmission. Optics Communications, 2020, 467, 125731.	1.0	31
113	Improved Method of Direction Finding for Non Circular Signals with Wavelet Denoising Using Three Parallel Uniform Linear Arrays. Wireless Personal Communications, 2020, 115, 291-305.	1.8	4
114	Highly sensitive photonic crystal fiber salinity sensor based on Sagnac interferometer. Results in Physics, 2020, 16, 103022.	2.0	33
115	Terahertz band pass filter design using multilayer metamaterials. Optical and Quantum Electronics, 2020, 52, 1.	1.5	32
116	Malicious node detection using heterogeneous cluster based secure routing protocol (HCBS) in wireless adhoc sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4995-5001.	3.3	72
117	MCLMR: A Multicriteria Based Multipath Routing in the Mobile Ad Hoc Networks. Wireless Personal Communications, 2020, 112, 2461-2483.	1.8	35
118	The U/Th production ratio from extended independent model. European Physical Journal Plus, 2020, 135, 1.	1.2	0
119	Full-time slot teleportation using unified space-time function control. Microwave and Optical Technology Letters, 2020, 62, 2183-2188.	0.9	4
120	Sensitivity Comparison of Refractive Index Transducer Optical Fiber Based on Surface Plasmon Resonance Using Ag, Cu, and Bimetallic Ag-Cu Layer. Micromachines, 2020, 11, 77.	1.4	17
121	Capacity and Frequency Optimization of Wireless Backhaul Network Using Traffic Forecasting. IEEE Access, 2020, 8, 23264-23276.	2.6	20
122	Investigation of U-shaped microfiber temperature sensor using a combination of thermal expansion of a metal and reflectivity of a silver coated mirror. Optik, 2020, 205, 164256.	1.4	3
123	Computational analysis of regulatory genes network pathways among devastating cancer diseases. Journal of Proteins and Proteomics, 2020, 11, 63-76.	1.0	1
124	On Platform to Enable the Cognitive Radio Over 5G Networks. Wireless Personal Communications, 2020, 113, 1241-1262.	1.8	29
125	Spin-wave generation using MZI embedded plasmonic antennas for quantum communications. Optical and Quantum Electronics, 2020, 52, 1.	1.5	8
126	Numerical Study of Circularly Slotted Highly Sensitive Plasmonic Biosensor: A Novel Approach. Results in Physics, 2020, 17, 103130.	2.0	41

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127	Nanoantenna with electrically tunable radiation pattern. Optical and Quantum Electronics, 2020, 52, 1.	1.5	0
128	Realizing unique bifurcation model in a cascaded microring feedback circuit. Optical and Quantum Electronics, 2020, 52, 1.	1.5	3
129	High-density quantum bits generation using microring plasmonic antenna. Optical and Quantum Electronics, 2020, 52, 1.	1.5	5
130	Phase-sensitive inverse four-wave mixing in optical fibres. Journal of Modern Optics, 2020, 67, 569-576.	0.6	4
131	Single Gate Graphene Nanoribbon-on-Insulator (GNROI) FET as a Novel Strategy to Enhance Electrical Performance-Numerically RF and DC Characteristics Extraction. ECS Journal of Solid State Science and Technology, 2020, 9, 061025.	0.9	2
132	Secured Identity Based Cryptosystem Approach for Intelligent Routing Protocol in VANET. Scalable Computing, 2020, 21, 41-46.	0.7	2
133	Optical Networks Performance Optimization Based on Hybrid Configurations of Optical Fiber Amplifiers and Optical Receivers. Journal of Optical Communications, 2020, .	4.0	70
134	Spatial optical transceiver system-based key solution for high data rates in measured index multimode optical fibers for indoor applications. Journal of Optical Communications, 2020, .	4.0	76
135	Analysis of topological properties and drug discovery for bipolar disorder and associated diseases: A bioinformatics approach. Cellular and Molecular Biology, 2020, 66, 152-160.	0.3	0
136	LiFi up-downlink conversion node model generated by inline successive optical pumping. Microsystem Technologies, 2019, 25, 945-950.	1.2	9
137	Enhanced sensitivity of cancer cell using one dimensional nano composite material coated photonic crystal. Microsystem Technologies, 2019, 25, 189-196.	1.2	104
138	Ultrafast all-optical ALU operation using a soliton control within the cascaded InGaAsP/InP microring circuits. Microsystem Technologies, 2019, 25, 431-440.	1.2	8
139	Silicon microring resonator waveguide-based graphene photodetector. Microsystem Technologies, 2019, 25, 319-328.	1.2	9
140	Dual-wavelength transmission system using double micro-resonator system for EMI healthcare applications. Microsystem Technologies, 2019, 25, 1185-1193.	1.2	4
141	Enabling remote-control for the power sub-stations over LTE-A networks. Telecommunication Systems, 2019, 70, 37-53.	1.6	18
142	Double critical coupled ring resonator-based add-drop filters. Journal of Theoretical and Applied Physics, 2019, 13, 213-220.	1.4	17
143	High birefringent, low loss and flattened dispersion asymmetric slotted core-based photonic crystal fiber in THz regime. International Journal of Modern Physics B, 2019, 33, 1950218.	1.0	10
144	Investigation of Surface Plasmon Resonance (SPR) in MoS ₂ - and WS ₂ -Protected Titanium Side-Polished Optical Fiber as a Humidity Sensor. Micromachines, 2019, 10, 465.	1.4	26

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145	Realisation of all photonic logic gates using plasmonic-based photonic structure through bandgap analysis. Optik, 2019, 194, 163123.	1.4	7
146	Low insertion loss and high extinction ratio analysis of a new surface plasmon resonance based photonic crystal fiber filter. Optik, 2019, 194, 163069.	1.4	12
147	Manipulating visible signal with plasmonic-based optical transistor: A new application to amplification. Optik, 2019, 193, 163009.	1.4	2
148	Switchable erbium-doped fiber laser (EDFL) using non-adiabatic microfiber. Optical Fiber Technology, 2019, 52, 101967.	1.4	7
149	Controlling of optical fiber bending losses through α - ω parameter and machine learning direction at three communication windows. Optik, 2019, 194, 163054.	1.4	8
150	Graphene oxide-based optical waveguide for moisture sensing in transformer oil. Photonics and Nanostructures - Fundamentals and Applications, 2019, 36, 100727.	1.0	5
151	Computation of PUG concentration in human blood using the combination of photonics and machine learning. Optik, 2019, 192, 162968.	1.4	6
152	Surface Plasmon Resonance Based Titanium Coated Biosensor for Cancer Cell Detection. IEEE Photonics Journal, 2019, 11, 1-10.	1.0	168
153	Brain sensor and communication model using plasmonic microring antenna network. Optical and Quantum Electronics, 2019, 51, 1.	1.5	7
154	Popularity Prediction of Online News Item Based on Social Media Response. , 2019, , .		1
155	Generation of α - ω type of biomedical laser using a single photonic structure: A new paradigm to operation in medical science. Optik, 2019, 197, 163227.	1.4	1
156	Direct Localization of Multiple Noncircular Sources With a Moving Nested Array. IEEE Access, 2019, 7, 101106-101116.	2.6	9
157	High performance dual core D-shape PCF-SPR sensor modeling employing gold coat. Results in Physics, 2019, 15, 102788.	2.0	102
158	Radiation pattern direction control in nano-antenna (tunable nano-antenna). Optical and Quantum Electronics, 2019, 51, 1.	1.5	7
159	Graphene oxide coated side polished surface plasmon resonance optical fibre sensor with varying polishing losses. Optical and Quantum Electronics, 2019, 51, 1.	1.5	1
160	Realization of antireflection elements using glass-based photonic crystal structures. Optik, 2019, 199, 163386.	1.4	1
161	Thermal Performance of the Graphene Oxide Nanofluids Flow in an Upright Channel Through a Permeable Medium. IEEE Access, 2019, 7, 102345-102355.	2.6	18
162	Phonon Polariton Dispersion in Metal-Doped Nanocomposite Superlattice System. Journal of Optical Communications, 2019, .	4.0	0

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163	A Nano junctionless Double-Gate MOSFET by Using the Charge Plasma Concept to Improve Short-Channel Effects and Frequency Characteristics. Journal of Electronic Materials, 2019, 48, 7487-7494.	1.0	18
164	Interference cancelation for high-density fifth-generation relaying network using stochastic geometrical approach. International Journal of Distributed Sensor Networks, 2019, 15, 155014771985587.	1.3	24
165	The effect of using different materials on erbium-doped fiber amplifiers for indoor applications. Results in Physics, 2019, 15, 102650.	2.0	89
166	Solution-processed QD-LEDs in visible range: Modulation bandwidth enhancement. Physica B: Condensed Matter, 2019, 574, 411667.	1.3	8
167	Extremely low loss optical waveguide for terahertz pulse guidance. Results in Physics, 2019, 15, 102666.	2.0	11
168	Refractive Index-Based Blood Components Sensing in Terahertz Spectrum. IEEE Sensors Journal, 2019, 19, 3368-3375.	2.4	131
169	Estimation of concentration of DNA and protein through PARD and modified analysis: A realization of an accurate biomedical device using photonic structure. Optik, 2019, 182, 507-511.	1.4	8
170	A Stochastically Geometrical Poisson Point Process Approach for the Future 5G D2D Enabled Cooperative Cellular Network. IEEE Access, 2019, 7, 60465-60485.	2.6	30
171	Temperature effects on characteristics and performance of near-infrared wide bandwidth for different avalanche photodiodes structures. Results in Physics, 2019, 14, 102399.	2.0	101
172	CTS Solar Cell Performance Analysis and Efficiency Characterizations. Springer Briefs in Electrical and Computer Engineering, 2019, , 49-61.	0.3	0
173	Analytical Study of Carrier Generation Rate in Graphene Nanoscroll. Plasmonics, 2019, 14, 1711-1716.	1.8	0
174	Introducing CTS (Copper-Tin-Sulphide) as a Solar Cell by Using Solar Cell Capacitance Simulator (SCAPS). Springer Briefs in Electrical and Computer Engineering, 2019, , .	0.3	2
175	The realization of the intermediate layer (IML) in a tandem solar cell using silicon-based photonic ribbon structure. Optik, 2019, 191, 43-47.	1.4	4
176	Tetra-core surface plasmon resonance based biosensor for alcohol sensing. Physica B: Condensed Matter, 2019, 570, 48-52.	1.3	50
177	Development of Solar Cell Photovoltaics: Introduction and Working Principles. Springer Briefs in Electrical and Computer Engineering, 2019, , 1-14.	0.3	1
178	Solar Energy-Based Semiconductors: Working Functions and Mechanisms. Springer Briefs in Electrical and Computer Engineering, 2019, , 15-35.	0.3	0
179	A Summary of Semiconductor Solar Cells and Future Works. Springer Briefs in Electrical and Computer Engineering, 2019, , 63-64.	0.3	0
180	Propagation of telecommunication pulses in photonics nanowires: A comparative physics study. Results in Physics, 2019, 13, 102342.	2.0	8

#	ARTICLE	IF	CITATIONS
181	Design of structural gigahertz multichanneled filter by using generalized Fibonacci superconducting photonic quasicrystals. Results in Physics, 2019, 13, 102343.	2.0	31
182	Mobility, Residual Energy, and Link Quality Aware Multipath Routing in MANETs with Q-learning Algorithm. Applied Sciences (Switzerland), 2019, 9, 1582.	1.3	38
183	Investigation of Future 5G-IoT Millimeter-Wave Network Performance at 38 GHz for Urban Microcell Outdoor Environment. Electronics (Switzerland), 2019, 8, 495.	1.8	44
184	Analytical and numerical demonstration of phase characteristics on two solitons under the influence of third-order dispersion. Optical and Quantum Electronics, 2019, 51, 1.	1.5	6
185	Interference management issues for the future 5G network: a review. Telecommunication Systems, 2019, 71, 627-643.	1.6	67
186	Performance enhancement of shorted polygonal archimedean spiral antenna using hybrid reflector. AEU - International Journal of Electronics and Communications, 2019, 107, 1-8.	1.7	11
187	Broadband photon squeezing control using microring embedded gold grating for LiFi-quantum link. SN Applied Sciences, 2019, 1, 1.	1.5	2
188	Ultra-short bandwidth optical tweezer generation using GaAs ring resonator system. Results in Physics, 2019, 12, 1606-1609.	2.0	4
189	Design of polarization splitter using elliptically dual core "Cladding photonic crystal fiber. Results in Physics, 2019, 13, 102279.	2.0	1
190	A Novel Hexahedron Photonic Crystal Fiber in Terahertz Propagation: Design and Analysis. Photonics, 2019, 6, 32.	0.9	39
191	Introduction to Glass and Glass-Ceramic Background. Springer Briefs in Electrical and Computer Engineering, 2019, , 1-11.	0.3	0
192	Design of one dimensional refractive index sensor using ternary photonic crystal waveguide for plasma blood samples applications. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 111, 29-36.	1.3	63
193	Design of Ge ₂₀ Sb ₁₅ Se ₆₅ embedded rectangular slotted quasi photonic crystal fiber for higher nonlinearity applications. Optik, 2019, 184, 63-69.	1.4	12
194	Modified duobinary modulation of optical signals generated by silicon-based microring resonator. Microwave and Optical Technology Letters, 2019, 61, 1661-1668.	0.9	2
195	Realization of photonic memory using 1D optical metamaterial structure through absorption, reflection, and transmission analysis. Optik, 2019, 185, 264-268.	1.4	6
196	Design of a slab waveguide using a graded index profile and a left hand material. Physica B: Condensed Matter, 2019, 564, 59-63.	1.3	9
197	Effects of TiO ₂ on the performance of silver coated on side-polished optical fiber for alcohol sensing applications. Optical Fiber Technology, 2019, 50, 183-187.	1.4	23
198	Bifurcation behaviors generated by Panda-ring control circuit. Microwave and Optical Technology Letters, 2019, 61, 1783-1787.	0.9	5

#	ARTICLE	IF	CITATIONS
199	A proposal to identify live cancer cell by naked eye: Realization of biomedical application using 1D photonic structure. <i>Optik</i> , 2019, 183, 818-821.	1.4	3
200	A Theoretical Study on the Influence of Carrier Generation on Drain-Source Current of Graphene Nanoscroll Transistors. <i>Plasmonics</i> , 2019, 14, 1329-1334.	1.8	1
201	Design of D-shaped elliptical core photonic crystal fiber for blood plasma cell sensing application. <i>Results in Physics</i> , 2019, 12, 2021-2025.	2.0	141
202	The switching of optoelectronics to full optical computing operations based on nonlinear metamaterials. <i>Results in Physics</i> , 2019, 13, 102152.	2.0	93
203	Microring Circulator Embedded Plasmonic Island for Multi-probe Bio-cell Sensors. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 536, 012009.	0.3	0
204	Solution of nonlinear problems by a new analytical technique using Daftardar-Gejji and Jafari polynomials. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401989696.	0.8	7
205	The flow of ferromagnetic nanofluid over an extending surface under the effect of operative Prandtl model: A numerical study. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401989612.	0.8	7
206	Random distributed feedback fiber lasers: Impact of third-order dispersion. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2019, 28, 1950035.	1.1	1
207	Heptagonal Photonic Crystal Fiber Based Chemical Sensor in THz Regime. , 2019, , ,		16
208	Secure and Energy-Efficient Data Aggregation Method Based on an Access Control Model. <i>IEEE Access</i> , 2019, 7, 164327-164343.	2.6	10
209	The carbon-nanotube nanofluid sprayed on an unsteady stretching cylinder together with entropy generation. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401989445.	0.8	7
210	An FBG magnetic sensor for oil flow monitoring in sandstone core. <i>RSC Advances</i> , 2019, 9, 35878-35886.	1.7	6
211	Array waveguide grating model for nanoparticle sensor applications. <i>Microsystem Technologies</i> , 2019, 25, 2259-2265.	1.2	5
212	Ultra high transmission capacity based on optical first order soliton propagation systems. <i>Results in Physics</i> , 2019, 12, 512-513.	2.0	77
213	Manipulating of nanometer spacing dual-wavelength by controlling the apodized grating depth in microring resonators. <i>Results in Physics</i> , 2019, 12, 32-37.	2.0	3
214	Zinc Oxide nanowire gratings for light absorption control through polarization manipulation. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2019, 108, 68-73.	1.3	8
215	Enhanced NRZ multi-carriers modulation technologies for microresonators in THz technology applications. <i>Results in Physics</i> , 2019, 12, 178-189.	2.0	6
216	MIMO multi-channels for simultaneous electro-optic distributed sensors. <i>Results in Physics</i> , 2019, 12, 943-946.	2.0	1

#	ARTICLE	IF	CITATIONS
217	A modified backward and forward sweep method for microgrid load flow analysis under different electric vehicle load mathematical models. <i>Electric Power Systems Research</i> , 2019, 168, 46-54.	2.1	20
218	Early detection of cervical cancer based on high-risk HPV DNA-based genosensors: A systematic review. <i>BioFactors</i> , 2019, 45, 101-117.	2.6	41
219	Electro-optic conversion circuit incorporating a fiber optic loop for light fidelity up-down link use. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 526-531.	0.9	9
220	Polarizing effect of MoSe ₂ -coated optical waveguides. <i>Results in Physics</i> , 2019, 12, 7-11.	2.0	10
221	Two-pump optical parametric amplification in the S-band using a tellurite microstructured optical fiber. <i>Indian Journal of Physics</i> , 2019, 93, 101-105.	0.9	4
222	Analytical modeling and simulation of a fully depleted three-gate silicon MESFET on SOI material. <i>Journal of Computational Electronics</i> , 2019, 18, 91.	1.3	2
223	Parallel coupled ring resonators performance analysis. <i>Results in Physics</i> , 2019, 12, 635-637.	2.0	3
224	Panda resonator structure to generate four-wave mixing by nonlinear effect. <i>Optik</i> , 2019, 180, 900-905.	1.4	5
225	Tri-core photonic crystal fiber based refractive index dual sensor for salinity and temperature detection. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 847-852.	0.9	96
226	On comparison of the temperature sensitivity of SU-8-based triple-arm MZI against straight rib optical waveguides patterned on silicon wafer. <i>Indian Journal of Physics</i> , 2019, 93, 385-391.	0.9	0
227	LTE physical layer: Performance analysis and evaluation. <i>Applied Computing and Informatics</i> , 2019, 15, 34-44.	3.7	27
228	Microring resonator made by ion-exchange technique for detecting the CO ₂ , H ₂ O, and NaCl as cladding layer. <i>Journal of King Saud University - Science</i> , 2019, 31, 27-32.	1.6	7
229	Design of optical splitter using ion-exchange method for DNA bio-sensor. <i>Journal of King Saud University - Science</i> , 2019, 31, 549-555.	1.6	5
230	Performance analysis of circularly photonic crystal fiber for orbital angular momentum mode generation. <i>Optical Engineering</i> , 2019, 58, 1.	0.5	8
231	Designing a silicon waveguide for tunable wavelength conversion in terahertz region. , 2019, , .		1
232	Recent Advance in Gas Sensing by Using Two-Dimensional Transition Metal Disulfides Materials. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2019, 14, 1225-1229.	0.1	6
233	FEM based highly sensitive dual core temperature sensor: design and analysis. <i>OSA Continuum</i> , 2019, 2, 2581.	1.8	16
234	Traffic Offloading in 5G Heterogeneous Networks using Rank based Network Selection. <i>Journal of Engineering Science and Technology Review</i> , 2019, 12, 9-16.	0.2	12

#	ARTICLE	IF	CITATIONS
235	Self Clock-Gating Scheme for Low Power Basic Logic Element Architecture. <i>Wireless Personal Communications</i> , 2018, 102, 3477-3488.	1.8	7
236	Performance Analysis in Digital Circuits for Process Corner Variations, Slew-Rate and Load Capacitance. <i>Wireless Personal Communications</i> , 2018, 103, 99-115.	1.8	6
237	In-situ 3D micro-sensor model using embedded plasmonic island for biosensors. <i>Microsystem Technologies</i> , 2018, 24, 3631-3635.	1.2	5
238	Plasmonic op-amp circuit model using the inline successive microring pumping technique. <i>Microsystem Technologies</i> , 2018, 24, 3689-3695.	1.2	8
239	Fast and slow light generated by surface plasmon wave and gold grating coupling effects. <i>Indian Journal of Physics</i> , 2018, 92, 789-798.	0.9	11
240	Optical properties study of nano-composite filled D shape photonic crystal fibre. <i>Results in Physics</i> , 2018, 9, 1040-1043.	2.0	10
241	Electron Mobility Sensor Scheme-Based on a Mach-Zehnder Interferometer Approach. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 887-890.	1.3	2
242	Coherent light squeezing states within a modified microring system. <i>Results in Physics</i> , 2018, 9, 211-214.	2.0	21
243	Vertical Ge photodetector base on InP taper waveguide. <i>Results in Physics</i> , 2018, 9, 576-579.	2.0	5
244	Gold-coated photonic crystal fiber biosensor based on surface plasmon resonance: Design and analysis. <i>Sensing and Bio-Sensing Research</i> , 2018, 18, 7-12.	2.2	125
245	Characteristics of microring circuit using plasmonic island driven electron mobility. <i>Microsystem Technologies</i> , 2018, 24, 3573-3577.	1.2	5
246	A stable dual-wavelength Q-switch using a compact passive device containing photonics crystal fiber embedded with carbon platinum. <i>Laser Physics</i> , 2018, 28, 016201.	0.6	4
247	A novel plasmonic interferometry and the potential applications. <i>Results in Physics</i> , 2018, 8, 438-441.	2.0	9
248	Effect of organic ligand-decorated ZnO nanoparticles as a cathode buffer layer on electricity conversion efficiency of an inverted solar cell. <i>RSC Advances</i> , 2018, 8, 1418-1426.	1.7	19
249	Modeling optical transmissivity of graphene grate in on-chip silicon photonic device. <i>Results in Physics</i> , 2018, 9, 1044-1049.	2.0	5
250	A widely tunable dual-wavelength based on a microring resonator filter device. <i>Laser Physics</i> , 2018, 28, 065101.	0.6	11
251	On-chip remote charger model using plasmonic island circuit. <i>Results in Physics</i> , 2018, 9, 815-818.	2.0	9
252	Dual-Wavelength Thulium Fluoride Fiber Laser Based on SMF-TMSIF-SMF Interferometer as Potential Source for Microwave Generation in 100-GHz Region. <i>IEEE Journal of Quantum Electronics</i> , 2018, 54, 1-7.	1.0	12

#	ARTICLE	IF	CITATIONS
253	Ultra-fast electro-optic switching control using a soliton pulse within a modified add-drop multiplexer. <i>Microsystem Technologies</i> , 2018, 24, 3777-3782.	1.2	13
254	A stochastic geometrical approach for full-duplex MIMO relaying model of high-density network. <i>Ad Hoc Networks</i> , 2018, 74, 34-46.	3.4	24
255	Multiple supercontinuum generation based on a single mode-locked seed fiber laser. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 845-849.	0.9	1
256	Visible Wireless Communications Using Solitonic Carriers Generated by Microring Resonators (MRRs). <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 1595-1601.	0.7	7
257	Spectral detection of graphene and graphene oxide with SU-8 based asymmetry tripled-Arm Mach Zehnder. <i>Optik</i> , 2018, 154, 93-99.	1.4	8
258	Channel resolution enhancement through scalability of nano/micro-scale thickness and width of SU-8 polymer based optical channels using UV lithography. <i>Microsystem Technologies</i> , 2018, 24, 1673-1681.	1.2	3
259	A comparison of analytical methods for measuring concentrations of 25-hydroxy vitamin D in biological samples. <i>Analytical Methods</i> , 2018, 10, 5599-5612.	1.3	18
260	VSMART™ A Simulation Tool for Performance Analysis of Wireless Sensor Node Using Queue Threshold. , 2018, , .		7
261	Dual wavelength optical duobinary modulation using GaAs-AlGaAs microring resonator. <i>Results in Physics</i> , 2018, 11, 1087-1093.	2.0	14
262	An integrated microring circuit design for optoelectronic transformer applications. <i>Results in Physics</i> , 2018, 11, 706-708.	2.0	0
263	TE-like mode analysis of microsystem InGaAsP/InP semiconductor resonator generating 20-GHz repetition rate pulse trains. <i>Results in Physics</i> , 2018, 10, 980-986.	2.0	8
264	Meditation mathematical formalism and Lorentz factor calculation based-on Mindfulness foundation. <i>Results in Physics</i> , 2018, 11, 1034-1038.	2.0	2
265	Quasi-Photonic Crystal Fiber-Based Spectroscopic Chemical Sensor in the Terahertz Spectrum: Design and Analysis. <i>IEEE Sensors Journal</i> , 2018, 18, 9948-9954.	2.4	75
266	A large free spectral range of 74.92 GHz in comb peaks generated by SU-8 polymer micro-ring resonators: simulation and experiment. <i>Laser Physics</i> , 2018, 28, 115002.	0.6	14
267	Characteristics of an on-chip polariton successively filtered circuit. <i>Results in Physics</i> , 2018, 11, 410-413.	2.0	5
268	Polarization dependence of SU-8 micro ring resonator. <i>Results in Physics</i> , 2018, 11, 515-522.	2.0	17
269	Energy Efficient Real Time Environmental Monitoring System Using Buffer Management Protocol. , 2018, , .		8
270	High-density WGM probes generated by a ChG ring resonator for high-density 3D imaging and applications. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 2689-2693.	0.9	0

#	ARTICLE	IF	CITATIONS
271	Ultrafast chaotic switching and monitoring using plasmonic add-drop multiplexer. Microwave and Optical Technology Letters, 2018, 60, 2719-2724.	0.9	0
272	Design and analysis of slotted core photonic crystal fiber for gas sensing application. Results in Physics, 2018, 11, 643-650.	2.0	49
273	Generation of dual-wavelength ytterbium-doped fibre laser using a highly nonlinear fibre. Laser Physics, 2018, 28, 115107.	0.6	11
274	Introduction to Photonics: Principles and the Most Recent Applications of Microstructures. Micromachines, 2018, 9, 452.	1.4	54
275	All-optical wireless wavelength multiplexing and demultiplexing using resonant cavity. Applied Optics, 2018, 57, 7997.	0.9	3
276	Novel Kerr-Vernier effects within the on-chip Si-ChG microring circuits. Results in Physics, 2018, 11, 144-147.	2.0	0
277	Performances and procedures modules in micro electro mechanical system packaging technologies. Results in Physics, 2018, 11, 306-314.	2.0	6
278	Micro-ring resonator made by ion exchange technique and detecting benzene (C ₆ H ₆), propanol (C ₃ H ₇ OH) and methane (CH ₄) as cladding layer. Laser Physics, 2018, 28, 106201.	0.6	1
279	On-chip polariton generation using an embedded nanograting microring circuit. Results in Physics, 2018, 10, 913-916.	2.0	6
280	Mode-locked self-pumping and squeezing photons model in a nonlinear micro-ring resonator. Optical and Quantum Electronics, 2018, 50, 1.	1.5	5
281	Smart grid load balancing methods to make an efficient heterogeneous network by using the communication cost function. IET Networks, 2018, 7, 95-102.	1.1	4
282	Numerical study on optical properties of non-circular metamaterial optical fiber. Results in Physics, 2018, 10, 55-60.	2.0	6
283	On-chip supercontinuum generation in nanostructured Ge _{11.5} As ₂₄ Se _{64.5} chalcogenide waveguides using Panda-ring resonator. Results in Physics, 2018, 10, 138-144.	2.0	6
284	Generation of four-wave mixing with highly sharp idlers using 2mm home-made side-polished fiber deposited by ZnO nanorod. Laser Physics, 2018, 28, 076205.	0.6	0
285	High sensitive temperature sensor silicon-based microring resonator using the broadband input spectrum. Results in Physics, 2018, 9, 1578-1584.	2.0	16
286	On-chip electro-optic multiplexing circuit using serial microring boxcar filters. Results in Physics, 2018, 10, 18-21.	2.0	8
287	Computation of ion exchange buried microring resonator waveguide for THz communication applications. Results in Physics, 2018, 10, 287-290.	2.0	9
288	Nanoscale GaP strips based photonic crystal fiber with high nonlinearity and high numerical aperture for laser applications. Results in Physics, 2018, 10, 374-378.	2.0	36

#	ARTICLE	IF	CITATIONS
289	A Stochastic Geometry Approach to Full-Duplex MIMO Relay Network. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-11.	0.8	13
290	Microring stereo sensor model using Kerr's Vernier effect for bio-cell sensor and communication. <i>Nano Communication Networks</i> , 2018, 17, 30-35.	1.6	20
291	Review of optical fibers-introduction and applications in fiber lasers. <i>Results in Physics</i> , 2018, 10, 743-750.	2.0	93
292	Numerical investigation of co-doped microstructured fiber with two zero dispersion wavelengths. <i>Results in Physics</i> , 2018, 10, 766-771.	2.0	8
293	Detection of moisture content in transformer oil using platinum coated on D-shaped optical fiber. <i>Optical Fiber Technology</i> , 2018, 45, 115-121.	1.4	32
294	Chalcogenide embedded quasi photonic crystal fiber for nonlinear optical applications. <i>Ceramics International</i> , 2018, 44, 18955-18959.	2.3	34
295	Multifunction interferometry using the electron mobility visibility and mean free path relationship. <i>Microscopy Research and Technique</i> , 2018, 81, 872-877.	1.2	3
296	A microring conjugate mirror design and simulation for naked-eye 3D imaging application. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 1653-1660.	0.9	0
297	Application of graphene oxide based Microfiber-Knot resonator for relative humidity sensing. <i>Results in Physics</i> , 2018, 9, 1572-1577.	2.0	32
298	Simulation fabrication and characterization of micro-cantilever array based ozone sensor. <i>Results in Physics</i> , 2018, 10, 923-933.	2.0	10
299	Nano-capacitor-like model using light trapping in plasmonic island embedded microring system. <i>Results in Physics</i> , 2018, 10, 727-730.	2.0	5
300	Fibre Bragg grating encapted with no-core fibre sensors for SRI and temperature monitoring. <i>Results in Physics</i> , 2018, 9, 1685-1687.	2.0	6
301	Analysis of temperature based power spectrum in EDFA and YDFA with different pump power for THz applications. <i>Results in Physics</i> , 2018, 10, 160-163.	2.0	7
302	Modified genetic algorithm based power allocation scheme for amplify-and-forward cooperative relay network. <i>Computers and Electrical Engineering</i> , 2018, 69, 628-641.	3.0	26
303	Analytical Investigation for MoS ₂ Field Effect Transistor-Based Gas Sensor. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2018, 13, 399-404.	0.1	6
304	Germanium Photodetection Improvements Using InP Bragg Grating. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2018, 13, 1383-1388.	0.1	1
305	Support Vector Regression (SVR) Prediction for Molybdenum Disulfide Gas Sensor. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2018, 13, 1610-1614.	0.1	2
306	Simulation Results of Coherent Light in a Modified Microring Resonator. <i>Ukrainian Journal of Physics</i> , 2018, 63, 898.	0.1	1

#	ARTICLE	IF	CITATIONS
307	Naked-eye 3D imaging employing a modified MIMO micro-ring conjugate mirrors. , 2018, , .		2
308	A design multifunctional plasmonic optical device by micro ring system. , 2018, , .		0
309	Gold Cone Metasurface MIC Sensor with Monolayer of Graphene and Multilayer of Graphite. Plasmonics, 2017, 12, 497-508.	1.8	13
310	Mid-infrared supercontinuum generation using a silicon racetrack resonator. Applied Physics B: Lasers and Optics, 2017, 123, 1.	1.1	2
311	Characterization of arc-shaped side-polished fiber. Optical and Quantum Electronics, 2017, 49, 1.	1.5	12
312	Molybdenum disulfide side-polished fiber saturable absorber Q-switched fiber laser. Optics Communications, 2017, 400, 55-60.	1.0	17
313	Electron driven mobility model by light on the stacked metal-dielectric interfaces. Microwave and Optical Technology Letters, 2017, 59, 1704-1709.	0.9	16
314	Simulation of mode lock lasers using microring resonators integrated with InGaAsP saturable absorbers. Indian Journal of Physics, 2017, 91, 1411-1415.	0.9	4
315	Effect of photonic crystal fiber background materials in sensing and communication applications. Materials Discovery, 2017, 7, 8-14.	3.3	35
316	Passive mode-locking at S-band by single-mode thulium-doped fluoride fiber using a thin film PtAg/N-G saturable absorber. Journal of Nanophotonics, 2017, 11, 026008.	0.4	6
317	Multi- ϵ optical carrier generation using a microring resonator to enhance the number of serviceable channels in radio over free space optic. Microwave and Optical Technology Letters, 2017, 59, 2038-2044.	0.9	2
318	Multiband dual polarized OFDM signal: Generation and distribution over fiber. Optik, 2017, 131, 899-905.	1.4	3
319	Folded cladding porous shaped photonic crystal fiber with high sensitivity in optical sensing applications: Design and analysis. Sensing and Bio-Sensing Research, 2017, 12, 36-42.	2.2	88
320	LTE smart grid performance gains with additional remote antenna units via radio over fiber using a microring resonator system. Optical Switching and Networking, 2017, 25, 13-23.	1.2	6
321	PERFORMANCE ANALYSIS OF COPPER TIN SULFIDE, Cu_2SnS_3 (CTS) WITH VARIOUS BUFFER LAYERS BY USING SCAPS IN SOLAR CELLS. Surface Review and Letters, 2017, 24, 1750073.	0.5	5
322	Micro-Current Source Generated by a WGM of Light Within a Stacked Silicon-Graphene-Au Waveguide. IEEE Photonics Technology Letters, 2017, 29, 1768-1771.	1.3	49
323	A simple humidity sensor utilizing air-gap as sensing part of the Mach-Zehnder interferometer. Optical and Quantum Electronics, 2017, 49, 1.	1.5	4
324	Novel D-shaped fiber fabrication method for saturable absorber application in the generation of ultra-short pulses. Laser Physics Letters, 2017, 14, 085001.	0.6	20

#	ARTICLE	IF	CITATIONS
325	Simulation of microring resonator filters based ion-exchange buried waveguide using nano layer of graphene. Journal of Optics (India), 2017, 46, 506-514.	0.8	4
326	Structural, optical and electrical evolution of Al and Ga co-doped ZnO/SiO ₂ /glass thin film: role of laser power density. RSC Advances, 2017, 7, 35858-35868.	1.7	29
327	Enhanced Photoresponsivity From Hybrid-ZnO Nanowires With White LED 400-700-nm Illumination. IEEE Journal of Quantum Electronics, 2017, 53, 1-6.	1.0	2
328	Analysis of semiconductor InGaAsP/InP coupled microring resonators (CMRR) by time-domain travelling wave (TDTW) method. Journal of Optics (India), 2017, 46, 311-319.	0.8	0
329	Single-mode spiral shape fiber based liquid sensor with ultra-high sensitivity and ultra-low loss: Design and analysis. Karbala International Journal of Modern Science, 2017, 3, 131-142.	0.5	15
330	Mode-locked Erbium-doped fiber laser generation using hybrid ZnO/GO saturable absorber. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012046.	0.3	2
331	Transmission performances of solitons in optical wired link. Applied Computing and Informatics, 2017, 13, 92-99.	3.7	8
332	High sensitivity surface plasmon resonance (SPR) refractive index sensor in 1.5 μ m. Materials Express, 2017, 7, 145-150.	0.2	8
333	Dual-Wavelength Generation with Terahertz Spacing Using GaAs-AlGaAs Microring Resonator Waveguides. Journal of Computational and Theoretical Nanoscience, 2017, 14, 330-334.	0.4	2
334	Experimental. , 2017, , 31-39.		0
335	TEMPORAL SOLITON: GENERATION AND APPLICATIONS IN OPTICAL COMMUNICATIONS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	1
336	Multi dual-wavelength generation using InGaAsP/InP passive microring resonator with two sides apodized gratings. Materials Express, 2016, 6, 245-251.	0.2	2
337	THE ANALYSIS OF PHASE, DISPERSION AND GROUP DELAY IN INGAASP/INP MICRORING RESONATOR. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
338	Variable Waist-Diameter Mach-Zehnder Tapered-Fiber Interferometer as Humidity and Temperature Sensor. IEEE Sensors Journal, 2016, 16, 5987-5992.	2.4	39
339	Experimental measurement and statistical analysis of the RMS delay spread in time-varying ultra-wideband communication channel. Measurement: Journal of the International Measurement Confederation, 2016, 89, 179-188.	2.5	7
340	Tunable multi-wavelength generation using InGaAsP/InP microring resonator with detectable resonance wavelength shift due to a sensing cladding section. Chinese Journal of Physics, 2016, 54, 780-787.	2.0	9
341	Silicon-based microring resonators for multi-solitons generation for THz communication. Optical and Quantum Electronics, 2016, 48, 1.	1.5	10
342	Towards 5G: A Photonic Based Millimeter Wave Signal Generation for Applying in 5G Access Fronthaul. Scientific Reports, 2016, 6, 19891.	1.6	108

#	ARTICLE	IF	CITATIONS
343	2 nd - nd MIMO-OFDM-RoF generation and transmission of double V-Band signals using a microring resonator system. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	1.5	5
344	Microring resonator for transmission of solitons via wired/wireless optical communication. <i>Journal of Optics (India)</i> , 2016, 45, 255-259.	0.8	8
345	InGaAsP/InP Microring Resonator (MRR) Waveguide Used to Generate Soliton Comb with Tunable Channel Spacing. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 4829-4834.	0.4	1
346	Semiconducting subwavelength and nonsubwavelength grating microring resonator as a femtosecond time delay: a comparative analysis. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 2073.	0.9	6
347	Several Mode-Locked Pulses Generation and Transmission over Soliton Based Optical Transmission Link. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2016, 1, 288.	0.7	0
348	HALF-PANDA RING RESONATOR USED TO GENERATE 100 MHZ REPETITION RATE FEMTOSECOND SOLITON. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	0
349	A Stable Dual-wavelength Thulium-doped Fiber Laser at 1.9 μ m Using Photonic Crystal Fiber. <i>Scientific Reports</i> , 2015, 5, 14537.	1.6	73
350	Increment of Access Points in Integrated System of Wavelength Division Multiplexed Passive Optical Network Radio over Fiber. <i>Scientific Reports</i> , 2015, 5, 11897.	1.6	38
351	Stop Light Generation Using Nano Ring Resonators for Read Only Memory. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 468-472.	0.4	3
352	Radio Frequency Signal Generation and Wireless Transmission Using PANDA and Add/Drop Systems. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 1770-1774.	0.4	8
353	Experimental Measurement of Fiber-Wireless Transmission via Multimode-Locked Solitons From a Ring Laser EDF Cavity. <i>IEEE Photonics Journal</i> , 2015, 7, 1-9.	1.0	16
354	Multiplex and De-Multiplex of Generated Multi Optical Soliton by MRRs Using Fiber Optics Transmission Link. <i>Quantum Matter</i> , 2015, 4, 463-468.	0.2	6
355	Generation of Femtosecond Soliton Tweezers Using a Half-Panda System for Modeling the Trapping of a Human Red Blood Cell. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 10-18.	0.4	7
356	Integrated Ring Resonator Systems. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2015, , 37-47.	0.2	7
357	Analytical Treatment of the Ring Resonator Passive Systems and Bandwidth Characterization Using Directional Coupling Coefficients. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 418-424.	0.4	7
358	Optical Amplification of Tweezers and Bright Soliton Using an Interferometer Ring Resonator System. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 624-629.	0.4	5
359	Stable Dual-Wavelength Coherent Source With Tunable Wavelength Spacing Generated By Spectral Slicing a Mode-Locked Laser Using Microring Resonator. <i>IEEE Photonics Journal</i> , 2015, 7, 1-11.	1.0	12
360	Nanometer Bandwidth Soliton Generation and Experimental Transmission Within Nonlinear Fiber Optics Using an Add-Drop Filter System. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 221-225.	0.4	17

#	ARTICLE	IF	CITATIONS
361	Comparison of Control Light Using Kramersâ€™Kronig Method by Three Waveguides. Journal of Computational and Theoretical Nanoscience, 2015, 12, 1864-1868.	0.4	8
362	Indoor Data Transmission Over Ubiquitous Infrastructure of Powerline Cables and LED Lighting. Journal of Computational and Theoretical Nanoscience, 2015, 12, 599-604.	0.4	13
363	Tunable S-Band Q-Switched Fiber Laser Using Bi₂Se₃ as the Saturable Absorber. IEEE Photonics Journal, 2015, 7, 1-8.	1.0	28
364	Numerical computation of solitonic pulse generation for terabit/sec data transmission. Optical and Quantum Electronics, 2015, 47, 1765-1777.	1.5	15
365	Literature Review of Cellulase and Approaches to Increase Its Stability. SpringerBriefs in Applied Sciences and Technology, 2015, , 7-21.	0.2	1
366	Multi wavelength mode-lock soliton generation using fiber laser loop coupled to an add-drop ring resonator. Optical and Quantum Electronics, 2015, 47, 2455-2464.	1.5	28
367	All optical ultra-wideband signal generation and transmission using mode-locked laser incorporated with add-drop microring resonator. Laser Physics Letters, 2015, 12, 065105.	0.6	31
368	Cold laser therapy modeling of human cell/tissue by soliton tweezers. Optik, 2015, 126, 578-582.	1.4	6
369	Soliton Generation Based Optical Communication. SpringerBriefs in Applied Sciences and Technology, 2015, , 49-68.	0.2	7
370	Mathematics of Soliton Transmission in Optical Fiber. SpringerBriefs in Applied Sciences and Technology, 2015, , 9-35.	0.2	7
371	Optical Soliton Signals Propagation in Fiber Waveguides. SpringerBriefs in Applied Sciences and Technology, 2015, , 1-11.	0.2	2
372	Dual-Wavelength Erbium-Doped Fiber Laser to Generate Terahertz Radiation Using Photonic Crystal Fiber. Journal of Lightwave Technology, 2015, 33, 5038-5046.	2.7	41
373	Carriers Generated by Mode-Locked Laser to Increase Serviceable Channels in Radio Over Free Space Optical Systems. IEEE Photonics Journal, 2015, 7, 1-12.	1.0	15
374	Highâ€œcapacity soliton transmission for indoor and outdoor communications using integrated ring resonators. International Journal of Communication Systems, 2015, 28, 147-160.	1.6	30
375	Soliton Coding for Secured Optical Communication Link. SpringerBriefs in Applied Sciences and Technology, 2015, , .	0.2	10
376	Ring Resonator Systems to Perform Optical Communication Enhancement Using Soliton. SpringerBriefs in Applied Sciences and Technology, 2015, , .	0.2	12
377	Generation and wired/wireless transmission of IEEE802.16m signal using solitons generated by microring resonator. Optical and Quantum Electronics, 2015, 47, 975-984.	1.5	24
378	Theoretical Background of Microring Resonator Systems and Soliton Communication. SpringerBriefs in Applied Sciences and Technology, 2015, , 17-39.	0.2	10

#	ARTICLE	IF	CITATIONS
379	Chaotic Carrier Signal Generation and Quantum Transmission Along Fiber Optics Communication Using Integrated Ring Resonators. Quantum Matter, 2015, 4, 151-155.	0.2	8
380	Generating of 57-61 GHz Frequency Band Using a Panda Ring Resonator. Quantum Matter, 2015, 4, 469-473.	0.2	6
381	Optical Transmission Characteristics of an Optical Add-Drop Interferometer System. Quantum Matter, 2015, 4, 644-647.	0.2	5
382	Solitonic Signals Generation and Transmission Using MRR. SpringerBriefs in Applied Sciences and Technology, 2015, , 31-46.	0.2	2
383	Ultra-Short Solitonic Pulses Used in Optical Communication. SpringerBriefs in Applied Sciences and Technology, 2015, , 47-51.	0.2	4
384	MRR Systems and Soliton Communication. SpringerBriefs in Applied Sciences and Technology, 2015, , 13-30.	0.2	3
385	A Review of Ultra-Short Soliton Pulse Generation Using InGaAsP/InP Microring Resonator (MRR) Systems. American Journal of Networks and Communications, 2015, 4, 6.	0.2	0
386	Solitonic pulse generation and characterization by integrated ring resonators. , 2014, , .		7
387	All-Optical OFDM Generation for IEEE802.11a Based on Soliton Carriers Using Microring Resonators. IEEE Photonics Journal, 2014, 6, 1-9.	1.0	33
388	W-Band OFDM for Radio-over-Fiber Direct-Detection Link Enabled by Frequency Nonupling Optical Up-Conversion. IEEE Photonics Journal, 2014, 6, 1-7.	1.0	23
389	Femtosecond Optical Quantum Memory Generation Using Optical Bright Soliton. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1480-1485.	0.4	17
390	Optical Quantum Generation and Transmission of 57-61 GHz Frequency Band Using an Optical Fiber Optics. Journal of Computational and Theoretical Nanoscience, 2014, 11, 2130-2135.	0.4	31
391	Optical Stretcher of Biological Cells Using Sub-Nanometer Optical Tweezers Generated by an Add/Drop Microring Resonator System. Nanoscience and Nanotechnology Letters, 2014, 6, 111-117.	0.4	19
392	Generation and transmission of 3 Å– 3 w-band multi-input multi-output orthogonal frequency division multiplexing-radio-over-fiber signals using micro-ring resonators. Applied Optics, 2014, 53, 8049.	2.1	31
393	Adaptive Control for Laser Transmitter Feedforward Linearization System. IEEE Photonics Journal, 2014, 6, 1-10.	1.0	10
394	All-Optical Generation of Two IEEE802.11n Signals for 2 × 2 MIMO-RoF via MRR System. IEEE Photonics Journal, 2014, 6, 1-11.	1.0	34
395	GHz frequency band soliton generation using integrated ring resonator for WiMAX optical communication. Optical and Quantum Electronics, 2014, 46, 1165-1177.	1.5	30
396	Transmission of data with orthogonal frequency division multiplexing technique for communication networks using GHz frequency band soliton carrier. IET Communications, 2014, 8, 1364-1373.	1.5	30

#	ARTICLE	IF	CITATIONS
397	W-Band OFDM Transmission for Radio-Over-Fiber Link Using Solitonic Millimeter Wave Generated by MRR. IEEE Journal of Quantum Electronics, 2014, 50, 622-628.	1.0	47
398	Generating Highly Dark "Bright Solitons by Gaussian Beam Propagation in a PANDA Ring Resonator. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1092-1099.	0.4	28
399	Picosecond Soliton Pulse Generation Using a PANDA System for Solar Cells Fabrication. Journal of Computational and Theoretical Nanoscience, 2014, 11, 693-701.	0.4	19
400	Review and Theory of Optical Soliton Generation Used to Improve the Security and High Capacity of MRR and NRR Passive Systems. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1875-1886.	0.4	31
401	Femtosecond Pulse Generation Using Microring Resonators for Eye Nano Surgery. Nanoscience and Nanotechnology Letters, 2014, 6, 221-226.	0.4	13
402	Deform of Biological Human Tissue Using Inserted Force Applied by Optical Tweezers Generated by PANDA Ring Resonator. Quantum Matter, 2014, 3, 24-28.	0.2	9
403	Characterization of Optical Bistability in a Fiber Optic Ring Resonator. Quantum Matter, 2014, 3, 47-51.	0.2	10
404	Solitonic Pulse Generation for Inter-Satellite Optical Wireless Communication. Quantum Matter, 2014, 3, 150-154.	0.2	11
405	Simulation of the Single Ring Resonator Based on the $\langle I \rangle_Z \langle I \rangle$ -Transform Method Theory. Quantum Matter, 2014, 3, 519-522.	0.2	12
406	Enhancement of Indoor Wavelength Division Multiplexing-Based Optical Wireless Communication Using Microring Resonator. Reviews in Theoretical Science, 2014, 2, 201-210.	0.5	9
407	The Proposal of High Capacity GHz Soliton Carrier Signals Applied for Wireless Communication. Reviews in Theoretical Science, 2014, 2, 320-333.	0.5	10
408	Optical quantum transmitter with finesse of 30 at 800-nm central wavelength using microring resonators. Optical and Quantum Electronics, 2013, 45, 1095-1105.	1.5	31
409	THz frequency generation using Gaussian pulse for medical applications. Optik, 2013, 124, 416-419.	1.4	11
410	Nano Particle Trapping by Ultra-Short Tweezer and Wells Using Microring Resonator Interferometer System for Spectroscopy Application. Nanoscience and Nanotechnology Letters, 2013, 5, 850-856.	0.4	19
411	Generation of potential wells used for quantum codes transmission via a TDMA network communication system. Security and Communication Networks, 2013, 6, 1301-1309.	1.0	26
412	IEEE 802.15.3c WPAN Standard Using Millimeter Optical Soliton Pulse Generated by a Panda Ring Resonator. IEEE Photonics Journal, 2013, 5, 7901912-7901912.	1.0	43
413	Single and Multi Optical Soliton Light Trapping and Switching Using Microring Resonator. Quantum Matter, 2013, 2, 116-121.	0.2	17
414	Optical Buffer Application Used for Tissue Surgery Using Direct Interaction of Nano Optical Tweezers with Nano Cells. Quantum Matter, 2013, 2, 484-488.	0.2	16

#	ARTICLE	IF	CITATIONS
415	Nano Optical Tweezers Generation Used for Heat Surgery of a Human Tissue Cancer Cells Using Add/Drop Interferometer System. Quantum Matter, 2013, 2, 489-493.	0.2	14
416	Entangled Photon Encoding Using Trapping of Picoseconds Soliton pulse. IOSR Journal of Applied Physics, 2013, 3, 25-31.	0.1	7
417	Long Distance Communication Using Localized Optical Soliton via Entangled Photon. IOSR Journal of Applied Physics, 2013, 3, 32-39.	0.1	10
418	Nonlinear Chaotic Signals Generation and Transmission within an Optical Fiber Communication Link. IOSR Journal of Applied Physics, 2013, 3, 52-57.	0.1	12
419	FAST LIGHT GENERATION USING GaAlAs/GaAs WAVEGUIDE. Jurnal Teknologi (Sciences and Engineering), 2013, 57, .	0.3	9
420	Characterisation of bifurcation and chaos in silicon microring resonator. IET Communications, 2012, 6, 2671-2675.	1.5	38
421	Network system engineering by controlling the chaotic signals using silicon micro ring resonator. , 2012, , .		14
422	Generation of discrete frequency and wavelength for secured computer networks system using integrated ring resonators. , 2012, , .		15
423	MRR quantum dense coding for optical wireless communication system using decimal convertor. , 2012, , .		15
424	THz frequency generation using MRRs for THz imaging. , 2012, , .		11
425	Multi optical Soliton generated by PANDA ring resonator for secure network communication. , 2012, , .		17
426	Nano Radio and RoF Applications. Procedia Engineering, 2012, 32, 1-12.	1.2	1
427	ENHANCEMENT OF FSR AND FINESSE USING ADD/DROP FILTER AND PANDA RING RESONATOR SYSTEMS. International Journal of Modern Physics B, 2012, 26, 1250034.	1.0	48
428	Determination Of Fwhm For Soliton Trapping. Jurnal Teknologi (Sciences and Engineering), 2012, , .	0.3	14
429	Generation Of Quantum Codes Using Up And Down Link Optical Soliton. Jurnal Teknologi (Sciences) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	15
430	Ultra-Short of Pico and Femtosecond Soliton Laser Pulse Using Microring Resonator for Cancer Cells Treatment. Quantum Matter, 2012, 1, 159-165.	0.2	23
431	A Study of Dynamic Optical Tweezers Generation for Communication Networks. International Journal of Advances in Engineering and Technology, 2012, 4, 38-45.	0.6	14
432	Dark-Bright Solitons Conversion System for Secured and Long Distance Optical Communication. IOSR Journal of Applied Physics, 2012, 2, 43-48.	0.1	14

#	ARTICLE	IF	CITATIONS
433	Generation of DSA for Security Application. Procedia Engineering, 2011, 8, 360-365.	1.2	31
434	Radio Wave Generation Using Dark and Bright Soliton. Procedia Engineering, 2011, 8, 401-406.	1.2	0
435	Capacity Enhancement in Communication System via NNRR. Procedia Engineering, 2011, 8, 407-411.	1.2	0
436	Bright and Dark Soliton Stopping using Nonlinear Waveguide. Procedia Engineering, 2011, 8, 412-416.	1.2	0
437	Dark Soliton Array for Communication Security. Procedia Engineering, 2011, 8, 417-422.	1.2	32
438	ASK-to-PSK Generation based on Nonlinear Microring Resonators Coupled to One MZI Arm. Procedia Engineering, 2011, 8, 432-435.	1.2	30
439	QKD Via a Quantum Wavelength Router Using Spatial Soliton. , 2011, , .		12
440	Tunable and Storage Potential Wells using Microring Resonator System for Bio-cell Trapping and Delivery. , 2011, , .		11
441	Simulation and Analysis of Multisoliton Generation Using a PANDA Ring Resonator System. Chinese Physics Letters, 2011, 28, 104205.	1.3	46
442	High-terahertz-frequency carrier generation by optical pulse for radio-over-fiber applications. Optical Engineering, 2011, 50, 125005.	0.5	1
443	ASK-to-PSK Generation based on Nonlinear Microring Resonators Coupled to One MZI Arm. , 2011, , .		20
444	Optical Dark and Bright Soliton Generation and Amplification. , 2011, , .		10
445	Optical dark and bright soliton generation and amplification. , 2010, , .		6
446	Tunable and storage potential wells using microring resonator system for bio-cell trapping and delivery. , 2010, , .		4
447	QKD via a quantum wavelength router using spatial soliton. , 2010, , .		3
448	New Communication Bands Generated by Using a Soliton Pulse within a Resonator System. Circuits and Systems, 2010, 01, 71-75.	0.1	18
449	Multi Soliton Generation for Enhance Optical Communication. Applied Mechanics and Materials, 0, 83, 136-140.	0.2	26
450	Simulation Of Soliton Amplification In Micro Ring Resonator For Optical Communication. Jurnal Teknologi (Sciences and Engineering), 0, , .	0.3	14

#	ARTICLE	IF	CITATIONS
451	Molecular Transporter System For Qubits Generation. Jurnal Teknologi (Sciences and Engineering), 0, ,	0.3	17