Pka Wai

List of Publications by Year
in descending order

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331 papers	6,091 citations	101543 36 h-index	82547 72 g-index
332 all docs	332 docs citations	332 times ranked	3060 citing authors

#	Article	IF	Citations
1	Nonlinear pulse propagation in the neighborhood of the zero-dispersion wavelength of monomode optical fibers. Optics Letters, 1986, 11, 464.	3.3	437
2	Polarization mode dispersion, decorrelation, and diffusion in optical fibers with randomly varying birefringence. Journal of Lightwave Technology, 1996, 14, 148-157.	4.6	416
3	Application of the Manakov-PMD equation to studies of signal propagation in optical fibers with randomly varying birefringence. Journal of Lightwave Technology, 1997, 15, 1735-1746.	4.6	373
4	Pressure sensor realized with polarization-maintaining photonic crystal fiber-based Sagnac interferometer. Applied Optics, 2008, 47, 2835.	2.1	260
5	Stable and uniform multiwavelength erbium-doped fiber laser using nonlinear polarization rotation. Optics Express, 2006, 14, 8205.	3.4	241
6	Radiations by â€˜â€˜solitonsâ€™â€™ at the zero group-dispersion wavelength of single-mode optical fibers. Physical Review A, 1990, 41, 426-439.	2.5	237
7	Stability of solitons in randomly varying birefringent fibers. Optics Letters, 1991, 16, 1231.	3.3	227
8	Soliton at the zero-group-dispersion wavelength of a single-model fiber. Optics Letters, 1987, 12, 628.	3.3	202
9	Soliton fiber ring laser. Optics Letters, 1992, 17, 417.	3.3	160
10	Nonlinear Frequency Division Multiplexed Transmissions Based on NFT. IEEE Photonics Technology Letters, 2015, 27, 1621-1623.	2.5	100
11	Geometrical description of the onset of multi-pulsing in mode-locked laser cavities. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2068.	2.1	94
12	Multiwavelength erbium-doped fiber laser employing a nonlinear optical loop mirror. Optics Communications, 2006, 268, 278-281.	2.1	93
13	Stability of passively mode-locked fiber lasers with fast saturable absorption. Optics Letters, 1994, 19, 198.	3.3	92
14	Long-haul quasi-single-mode transmissions using few-mode fiber in presence of multi-path interference. Optics Express, 2015, 23, 3156.	3.4	80
15	Alternative Decoding Methods for Optical Communications Based on Nonlinear Fourier Transform. Journal of Lightwave Technology, 2017, 35, 1542-1550.	4.6	80
16	Multiwavelength erbium-doped fiber ring laser source with a hybrid gain medium. Optics Communications, 2003, 228, 295-301.	2.1	78
17	High-order modulation on a single discrete eigenvalue for optical communications based on nonlinear Fourier transform. Optics Express, 2017, 25, 20286.	3.4	77
18	Operation of a nonlinear loop mirror in a laser cavity. IEEE Journal of Quantum Electronics, 1994, 30, 194-199.	1.9	75

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19	Robust pedestal-free pulse compression in cubic-quintic nonlinear media. Physical Review A, 2008, 78, .	2.5	67
20	Polarization decorrelation in optical fibers with randomly varying birefringence. Optics Letters, 1994, 19, 1517.	3.3	66
21	Self-starting of passively mode-locked lasers with fast saturable absorbers. Optics Letters, 1995, 20, 350.	3.3	64
22	Spatial solitons supported by localized gain in nonlinear optical waveguides. European Physical Journal: Special Topics, 2009, 173, 233-243.	2.6	62
23	Low-loss waveguide crossing using a multimode interference structure. Optics Communications, 2004, 241, 99-104.	2.1	60
24	All-optical bit-error monitoring system using cascaded inverted wavelength converter and optical NOR gate. IEEE Photonics Technology Letters, 2003, 15, 593-595.	2.5	57
25	Polarization evolution and dispersion in fibers with spatially varying birefringence. Journal of the Optical Society of America B: Optical Physics, 1994, 11, 1288.	2.1	56
26	Reconfigurable Microwave Photonic Filter Using Multiwavelength Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2007, 19, 1334-1336.	2.5	56
27	Nearly chirp- and pedestal-free pulse compression in nonlinear fiber Bragg gratings. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 432.	2.1	56
28	The effects of interdiffusion on the subbands in GaxIn1âˆ’xN0.04As0.96/GaAs quantum well for 1.3 and 1.55 Î¼m operation wavelengths. Journal of Applied Physics, 2001, 90, 197-201.	2.5	53
29	Investigating the influence of a weak continuous-wave-trigger on picosecond supercontinuum generation. Optics Express, 2011, 19, 13757.	3.4	53
30	Multiplexing of polarization-maintaining photonic crystal fiber based Sagnac interferometric sensors. Optics Express, 2009, 17, 18501.	3.4	52
31	Highly coherent supercontinuum generation with picosecond pulses by using self-similar compression. Optics Express, 2014, 22, 27339.	3.4	50
32	Time- and wavelength-division multiplexing of FBG sensors using a semiconductor optical amplifier in ring cavity configuration. IEEE Photonics Technology Letters, 2005, 17, 2709-2711.	2.5	48
33	Cascaded higher-order soliton for non-adiabatic pulse compression. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2180.	2.1	46
34	Switchable multiwavelength erbium-doped fiber laser with a multimode fiber Bragg grating and photonic crystal fiber. IEEE Photonics Technology Letters, 2006, 18, 1088-1090.	2.5	44
35	Soliton switch using birefringent optical fibers. Optics Letters, 1990, 15, 477.	3.3	41
36	Effects of randomly varying birefringence on soliton interactions in optical fibers. Optics Letters, 1991, 16, 1735.	3.3	37

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37	Multiwavelength laser source using linear optical amplifier. IEEE Photonics Technology Letters, 2005, 17, 1611-1613.	2.5	37
38	High-speed fibre Bragg grating sensor interrogation using dispersion-compensation fibre. Electronics Letters, 2008, 44, 618.	1.0	36
39	Optical Fiber-Tip Fabryâ€“PÃ©rot Interferometric Pressure Sensor Based on an <italic>In Situ </italic> Î¼-Printed Air Cavity. Journal of Lightwave Technology, 2018, 36, 3618-3623.	4.6	35
40	OSNR Monitoring for RZ-DQPSK Systems Using Half-Symbol Delay-Tap Sampling Technique. IEEE Photonics Technology Letters, 2010, 22, 823-825.	2.5	32
41	Polarization-maintaining photonic-crystal-fiber-based all-optical polarimetric torsion sensor. Applied Optics, 2010, 49, 5954.	2.1	32
42	Linear photonic radio frequency phase shifter using a differential-group-delay element and an optical phase modulator. Optics Letters, 2010, 35, 1881.	3.3	32
43	A novel self-routing address scheme for all-optical packet-switched networks with arbitrary topologies. Journal of Lightwave Technology, 2003, 21, 329-339.	4.6	31
44	Effect of axial inhomogeneity on solitons near the zero dispersion point. IEEE Journal of Quantum Electronics, 1988, 24, 373-381.	1.9	28
45	Generalized projection operator method to derive the pulse parameters equations for the nonlinear SchrÃ¶dinger equation. Optics Communications, 2005, 244, 377-382.	2.1	28
46	Single-Mode Perfluorinated Polymer Optical Fibers With Refractive Index of 1.34 for Biomedical Applications. IEEE Photonics Technology Letters, 2010, 22, 106-108.	2.5	28
47	Improving Soliton Transmission Systems Through Soliton Interactions. Journal of Lightwave Technology, 2020, 38, 3563-3572.	4.6	28
48	Simultaneous repolarization of two 10-Gb/s polarization-scrambled wavelength channels using a mutual-injection-locked laser diode. IEEE Photonics Technology Letters, 2002, 14, 1740-1742.	2.5	27
49	Optical automatic gain control of EDFA using two oscillating lasers in a single feedback loop. Optics Communications, 2003, 225, 157-162.	2.1	26
50	Multiwavelength fibre laser with wavelength selectable from 1590 to 1645â€…nm. Electronics Letters, 2004, 40, 594.	1.0	26
51	Ultracompact optical fiber acoustic sensors based on a fiber-top spirally-suspended optomechanical microresonator. Optics Letters, 2020, 45, 3516.	3.3	26
52	Mechanism for stable, ultra-flat multiwavelength operation in erbium-doped fiber lasers employing intensity-dependent loss. Optics and Laser Technology, 2012, 44, 74-77.	4.6	25
53	Modifications of the exciton lifetime and internal quantum efficiency for organic light-emitting devices with a weak/strong microcavity. Applied Physics Letters, 2007, 91, 221112.	3.3	24
54	Gain dispersion for dissipative soliton generation in all-normal-dispersion fiber lasers. Applied Optics, 2009, 48, 5131.	2.1	24

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55	Dual transmission filters for enhanced energy in mode-locked fiber lasers. Optics Express, 2011, 19, 23408.	3.4	24
56	Optical Fiber-Tip Sensors Based on In-Situ Âµ-Printed Polymer Suspended-Microbeams. Sensors, 2018, 18, 1825.	3.8	24
57	Deterministic generation of single soliton Kerr frequency comb in microresonators by a single shot pulsed trigger. Optics Express, 2018, 26, 18563.	3.4	24
58	Ultrawide-band La-codoped Bi/sub 2/O/sub 3/-based EDFA for L-band DWDM systems. IEEE Photonics Technology Letters, 2003, 15, 1525-1527.	2.5	23
59	High Fundamental Repetition Rate Fiber Lasers Operated in Strong Normal Dispersion Regime. IEEE Photonics Technology Letters, 2009, 21, 724-726.	2.5	23
60	Statistical Analysis of Optical Signal-to-Noise Ratio Monitoring Using Delay-Tap Sampling. IEEE Photonics Technology Letters, 2010, 22, 149-151.	2.5	23
61	Modeling Self-Similar Optical Pulse Compression in Nonlinear Fiber Bragg Grating Using Coupled-Mode Equations. Journal of Lightwave Technology, 2011, 29, 1293-1305.	4.6	23
62	Enhanced intermodal four-wave mixing for visible and near-infrared wavelength generation in a photonic crystal fiber. Optics Letters, 2015, 40, 1338.	3.3	23
63	Elimination of nonlinear polarization rotation in twisted fibers. Journal of the Optical Society of America B: Optical Physics, 1994, 11, 1305.	2.1	22
64	Multiwavelength Erbium-Doped Fiber Laser Employing Cavity Loss Modulation. IEEE Photonics Technology Letters, 2009, 21, 1314-1316.	2.5	22
65	Signed chromatic dispersion monitoring of 100Gbit/s CS-RZ DQPSK signal by evaluating the asymmetry ratio of delay tap sampling. Optics Express, 2010, 18, 3149.	3.4	22
66	Hybrid Graphene-Silicon Based Polarization-Insensitive Electro-Absorption Modulator with High-Modulation Efficiency and Ultra-Broad Bandwidth. Nanomaterials, 2019, 9, 157.	4.1	22
67	Soliton shadows in birefringent optical fibers. Optics Letters, 1992, 17, 1265.	3.3	21
68	Multiwavelength fiber lasers based on multimode fiber Bragg gratings using offset launch technique. Optics Communications, 2006, 263, 295-299.	2.1	21
69	Optimization of Raman-Assisted Fiber Optical Parametric Amplifier Gain. Journal of Lightwave Technology, 2011, 29, 1172-1181.	4.6	21
70	Chromatic dispersion monitoring for multiple modulation formats and data rates using sideband optical filtering and asynchronous amplitude sampling technique. Optics Express, 2011, 19, 1007.	3.4	20
71	Ultrashort pulse train generation using nonlinear optical fibers with exponentially decreasing dispersion. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1786.	2.1	18
72	Impact of Spectral Filtering on Multipulsing Instability in Mode-Locked Fiber Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-9.	2.9	18

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73	Numerical modeling of soliton-dragging logic gates. Journal of the Optical Society of America B: Optical Physics, 1993, 10, 2030.	2.1	17
74	On the uniqueness of Gaussian ansatz parameters equations: generalized projection operator method. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 332, 239-243.	2.1	16
75	A comprehensive theoretical model for on-chip microring-based photonic fractional differentiators. Scientific Reports, 2015, 5, 14216.	3.3	16
76	An Optical Millimeter-Wave Generator Using Optical Higher Order Sideband Injection Locking in a Fabryâ€“PÃ©rot Laser Diode. Journal of Lightwave Technology, 2015, 33, 4985-4996.	4.6	16
77	CMOS-compatible 2-bit optical spectral quantization scheme using a silicon-nanocrystal-based horizontal slot waveguide. Scientific Reports, 2015, 4, 7177.	3.3	16
78	Performance of optical automatic gain control EDFA with dual-oscillating control lasers. Optics Communications, 2003, 224, 281-287.	2.1	15
79	Higher-order soliton compression with pedestal suppression in nonlinear optical loop mirrors constructed from dispersion decreasing fibers. Optics Communications, 2003, 221, 181-190.	2.1	15
80	All-optical header processing using an injection-locked Fabry-PÃ©rot laser diode. Microwave and Optical Technology Letters, 2005, 44, 342-345.	1.4	15
81	All-optical addâ€“drop node for optical packet-switched networks. Optics Letters, 2005, 30, 1515.	3.3	15
82	1/spl times/4 all-optical packet switch at 10 gb/s. IEEE Photonics Technology Letters, 2005, 17, 1289-1291.	2.5	15
83	Periodic waves in fiber Bragg gratings. Physical Review E, 2008, 77, 026602.	2.1	15
84	Gordon-Haus timing jitter reduction in dispersion-managed soliton communications. IEEE Photonics Technology Letters, 1998, 10, 702-704.	2.5	14
85	One-stage erbium ASE source with 80â€…nm bandwidth and low ripples. Electronics Letters, 2002, 38, 956.	1.0	14
86	Switchable UWB pulse generation using a polarization maintaining fiber Bragg grating as frequency discriminator. Optics Express, 2010, 18, 3643.	3.4	14
87	Pedestal free pulse compression of chirped optical solitons. Optics Communications, 2012, 285, 1449-1455.	2.1	14
88	Anisotropic diffusion of the state of polarization in optical fibers with randomly varying birefringence. Optics Letters, 1995, 20, 2493.	3.3	12
89	Output polarization control of fiber DFB laser using injection locking. IEEE Photonics Technology Letters, 2002, 14, 920-922.	2.5	12
90	Deflection Routing in Slotted Self-Routing Networks With Arbitrary Topology. IEEE Journal on Selected Areas in Communications, 2004, 22, 1812-1822.	14.0	12

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91	Simultaneous All-Optical Waveform Reshaping of Two 10-Gb/s Signals Using a Single Injection-Locked Fabryâ€“PÃ‰rot Laser Diode. IEEE Photonics Technology Letters, 2004, 16, 1537-1539.	2.5	12
92	Comparison of fiber-based Sagnac interferometers for self-switching of optical pulses. Optics Communications, 2005, 245, 177-186.	2.1	12
93	Modeling Frequency Comb Sources. Nanophotonics, 2016, 5, 292-315.	6.0	12
94	Using 2 x 2 switching modules to build large 2-D MEMS optical switches. , 0, , .		11
95	All-optical header processing using control signals generated by direct modulation of a DFB laser. Optics Communications, 2004, 242, 155-161.	2.1	11
96	Radiating and nonradiating behavior of hyperbolic-secant, raised-cosine, and Gaussian input light pulses in dispersion-managed fiber systems. Physical Review E, 2005, 72, 036613.	2.1	11
97	Wavelength-switchable La-codoped bismuth-based erbium-doped fiber ring laser. IEEE Photonics Technology Letters, 2005, 17, 986-988.	2.5	11
98	All-Optical Clock Recovery Using Erbium-Doped Fiber Laser Incorporating an Electroabsorption Modulator and a Linear Optical Amplifier. IEEE Photonics Technology Letters, 2007, 19, 720-722.	2.5	11
99	Multiple Raman Pump Assisted Fiber Optical Parametric Amplifiers. Journal of Lightwave Technology, 2011, 29, 2601-2608.	4.6	11
100	On-chip integratable all-optical quantizer using strong cross-phase modulation in a silicon-organic hybrid slot waveguide. Scientific Reports, 2016, 6, 19528.	3.3	11
101	Wavelength division multiplexing in an unfiltered soliton communication system. Journal of Lightwave Technology, 1996, 14, 1449-1454.	4.6	10
102	All-optical wavelength conversion and multicasting by cross-gain modulation in a single-stage fiber optical parametric amplifier. , 2007, , .		10
103	All-Optical Multicast Switch Employing Raman-Assisted FWM in Dispersion-Shifted Fiber. IEEE Photonics Technology Letters, 2008, 20, 1730-1732.	2.5	10
104	Switchable multiwavelength erbium-doped fiber laser employing wavelength-dependent loss. Optical Fiber Technology, 2011, 17, 138-140.	2.7	10
105	Fourier Domain Mode Locked Laser and Its Applications. Sensors, 2022, 22, 3145.	3.8	10
106	Frequency stabilization of DBR fiber grating laser using interferometric technique. IEEE Photonics Technology Letters, 2001, 13, 951-953.	2.5	9
107	Deflection routing in slotted self-routing networks with arbitrary topology. , 0, , .		9
108	Simultaneous amplification and compression of ultrashort solitons in an erbium-doped nonlinear amplifying fiber loop mirror. IEEE Journal of Quantum Electronics, 2003, 39, 555-561.	1.9	9

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109	Low beat-noise polarized tunable fiber ring laser. IEEE Photonics Technology Letters, 2006, 18, 706-708.	2.5	9
110	Gain Control of Semiconductor Optical Amplifier Using a Bandpass Filter in a Feedback Loop. IEEE Photonics Technology Letters, 2007, 19, 1401-1403.	2.5	9
111	Chromatic Dispersion Monitoring Based on Variance of Received Optical Power. IEEE Photonics Technology Letters, 2011, 23, 486-488.	2.5	9
112	Polarization Splitting of Photonic Crystal Fiber With Hybrid Guidance Mechanisms. IEEE Photonics Technology Letters, 2011, 23, 1358-1360.	2.5	9
113	Multiwavelength lasers with homogeneous gain and intensity-dependent loss. Optics Communications, 2011, 284, 2327-2336.	2.1	9
114	High-degree pulse compression and high-coherence supercontinuum generation in a convex dispersion profile. Optics Communications, 2013, 301-302, 29-33.	2.1	9
115	Performance Analysis and Experimental Demonstration of a Novel Network Architecture Using Optical Burst Rings for Interpod Communications in Data Centers. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 3700508-3700508.	2.9	9
116	Tunable fractional-order photonic differentiator based on the inverse Raman scattering in a silicon microring resonator. Optics Express, 2015, 23, 11141.	3.4	9
117	PMD-Insensitive CD Monitoring Based on RF Clock Power Ratio Measurement With Optical Notch Filter. IEEE Photonics Technology Letters, 2011, 23, 1576-1578.	2.5	8
118	Optically 3-D $mu $ -Printed Ferrule-Top Polymer Suspended-Mirror Devices. IEEE Sensors Journal, 2017, 17, 7257-7261.	4.7	8
119	Comprehensive analysis of passive generation of parabolic similaritons in tapered hydrogenated amorphous silicon photonic wires. Scientific Reports, 2017, 7, 3814.	3.3	8
120	Wavelength and power monitoring of DWDM systems using scanning Fâ€“P filter calibrated with a Fâ€“P laser. Optics Communications, 2002, 210, 219-224.	2.1	7
121	A Minimalist Approach to All-Optical Packet Switching. Optics and Photonics News, 2005, 16, 34.	0.5	7
122	Simultaneous and Independent OSNR and Chromatic Dispersion Monitoring Using Empirical Moments of Asynchronously Sampled Signal Amplitudes. IEEE Photonics Journal, 2012, 4, 1340-1350.	2.0	7
123	A novel self-routing scheme for all-optical packet switched networks with arbitrary topology. , 0, , .		6
124	All-optical stabilisation of state of polarisation of high speed pulse train using injection-locked laser diode. Electronics Letters, 2002, 38, 1116.	1.0	6
125	Optical gain of interdiffused GaInNAs/GaAs quantum wells. Applied Physics A: Materials Science and Processing, 2002, 75, 573-576.	2.3	6
126	Analytical method for designing grating-compensated dispersion-managed soliton systems. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 706.	2.1	6

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127	All-Optical Wavelength Conversion using Multi-Pump Raman-assisted Four-Wave Mixing. , 2007, , .		6
128	Optical Burst Switching With Large Switching Overhead. Journal of Lightwave Technology, 2007, 25, 451-462.	4.6	6
129	Width-tunable pulse generation using four-wave mixing in bismuth based highly nonlinear fiber. Optics Communications, 2007, 275, 223-229.	2.1	6
130	A hybrid optical buffer. , 2008, , .		6
131	Novel fiber optic polarimetric torsion sensor based on polarization-maintaining photonic crystal fiber. Proceedings of SPIE, 2008, , .	0.8	6
132	Large-scale FBG sensors utilizing code division multiplexing. , 2008, , .		6
133	Performance Improvement Methods for Burst-Switched Networks. Journal of Optical Communications and Networking, 2011, 3, 104.	4.8	6
134	Analysis of signed chromatic dispersion monitoring by waveform asymmetry for differentially-coherent phase-modulated systems. Optics Express, 2011, 19, 4147.	3.4	6
135	Degenerate Four-Wave Mixing-Based Light Source for CARS Microspectroscopy. IEEE Photonics Technology Letters, 2016, 28, 763-766.	2.5	6
136	Eckhaus Instability in Laser Cavities With Harmonically Swept Filters. Journal of Lightwave Technology, 2021, 39, 6531-6538.	4.6	6
137	Analysis of a soliton-based logic module for a ring network. Journal of Lightwave Technology, 1996, 14, 1776-1787.	4.6	5
138	Soliton-like pulse train generation using a nonlinear optical loop mirror constructed from dispersion decreasing fiber. IEEE Photonics Technology Letters, 2002, 14, 1427-1429.	2.5	5
139	Method to find the stationary solution parameters of chirped fiber grating compensated dispersion-managed fiber systems. Optics Communications, 2003, 215, 315-321.	2.1	5
140	Gaussian pulse propagation in dispersion-managed systems using chirped fiber gratings with group delay ripples. IEEE Photonics Technology Letters, 2005, 17, 1025-1027.	2.5	5
141	10-Gb/s Wavelength Transparent Optically Controlled Buffer Using Photonic-Crystal-Fiber-Based Nonlinear Optical Loop Mirror. IEEE Photonics Technology Letters, 2007, 19, 898-900.	2.5	5
142	Fast FBG sensor interrogation system using vertical cavity surface emitting laser source. , 2009, , .		5
143	C-band single-longitudinal mode lanthanum co-doped bismuth based erbium doped fiber ring laser. Optics Express, 2009, 17, 16352.	3.4	5
144	Polarizing Properties of Photonic Crystal Fibers With High-Index Cladding Defects. Journal of Lightwave Technology, 2010, 28, 1608-1614.	4.6	5

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145	Frequency synchronization of Fourier domain harmonically mode locked fiber laser by monitoring the supermode noise peaks. Optics Express, 2013, 21, 30255.	3.4	5
146	Performance Model of Multichannel Deflection-Routed All-Optical Networks With Packet Injection Control. IEEE Transactions on Communications, 2014, 62, 2494-2506.	7.8	5
147	Polarized fiber optical parametric amplification in randomly birefringent fibers. Optics Express, 2015, 23, 32747.	3.4	5
148	Gigahertz single source IIR microwave photonic filter based on coherence managed multi-longitudinal-mode fiber laser. Optics Express, 2015, 23, 4277.	3.4	5
149	MRTD electromagnetic scattering analysis. Microwave and Optical Technology Letters, 2001, 28, 189-195.	1.4	4
150	An all-optical on/off switch using a multi-wavelength mutual injection-locked Fabry-Perot laser diode. , 0, , .		4
151	Ultra-wideband bismuth-based EDFA for DWDM systems. , 0, , .		4
152	A wavelength-switched time-slot routing scheme for wavelength-routed networks. , 2004, , .		4
153	Radiating and non-radiating trains of light pulses in dispersion-managed optical fiber systems. Optics Communications, 2005, 250, 24-35.	2.1	4
154	40 GHz actively mode-locked erbium-doped fiber ring laser using an electro-absorption modulator and a linear optical amplifier. , 2007, , .		4
155	Flattop pulse generation based on the combined action of active mode locking and nonlinear polarization rotation. Applied Optics, 2014, 53, 902.	1.8	4
156	Generation of Second-Harmonics Near Ultraviolet Wavelengths From Femtosecond Pump Pulses. IEEE Photonics Technology Letters, 2016, 28, 1719-1722.	2.5	4
157	Time Domain Discrete Fourier Domain Mode Locked Laser With k-Space Uniform Comb Lines. Journal of Lightwave Technology, 2021, 39, 2949-2955.	4.6	4
158	Modeling of soliton-dragging logic gates with gain. Optics Letters, 1994, 19, 1370.	3.3	3
159	Multicasting in deflection-routed all-optical packet-switched networks. , 0, , .		3
160	Analytical method for designing grating compensated dispersion-managed soliton systems. , 0, , .		3
161	Novel resource reservation schemes for optical burst switching. , 0, , .		3
162	Optical burst switching with large switching overhead. , 2006, , .		3

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163	A novel optical signal monitoring method of DPSK signal based on delay tap sampling and Hausdorff distance measure. , 2008, , .		3
164	8×200-Gbit/s polarization-division multiplexed CS-RZ-DQPSK transmission over 1200 km of SSMF. , 2009, , .		3
165	Optimization of 3-hole-assisted PMMA optical fiber with double cladding for UV-induced FBG fabrication. Optics Express, 2009, 17, 2080.	3.4	3
166	Spectrally-isolated violet to blue wavelength generation by cascaded degenerate four-wave mixing in a photonic crystal fiber. Optics Letters, 2016, 41, 2612.	3.3	3
167	Polarization pulling in Raman assisted fiber optical parametric amplifiers. Optics Express, 2016, 24, 6884.	3.4	3
168	Demonstration of Intermodal Four-Wave Mixing by Femtosecond Pulses Centered at 1550 nm in an Air-Silica Photonic Crystal Fiber. Journal of Lightwave Technology, 2017, 35, 2385-2390.	4.6	3
169	Combination and Compression of Multiple Pulses With Same or Different Wavelengths. Journal of Lightwave Technology, 2020, 38, 6932-6938.	4.6	3
170	Theoretical and experimental comparison of an adjustable Y-junction switch. Optics Letters, 1994, 19, 2107.	3.3	2
171	Performance of field-induced directional coupler switches. IEEE Journal of Quantum Electronics, 1995, 31, 2068-2074.	1.9	2
172	Erbium-doped fiber Bragg grating based all-optical switch. , 0, , .		2
173	Reduction of intersymbol interference in dispersion-managed soliton systems compensated by chirped fiber gratings. , 0, , .		2
174	Self-switching of optical pulses in gain-distributed nonlinear amplifying fibre loop mirror. Electronics Letters, 2004, 40, 1208.	1.0	2
175	Reduction of intersymbol interference in dispersion-managed soliton systems compensated by chirped fibre gratings using nonlinear optical loop mirrors. Journal of Optics, 2005, 7, 315-323.	1.5	2
176	All-optical packet switching of 160 Gb/s packets with all-optical processing of 10 Gb/s headers. , 2006, , .		2
177	Long-distance and quasi-distributed FBG sensor system using a SOA based ring cavity scheme. , 2007, , .		2
178	Multi-Slot Batch-Transfer Optical Packet Switch. , 2007, , .		2
179	Behavior of different ansÃtze in the generalized projection operator method. Chaos, Solitons and Fractals, 2007, 31, 639-647.	5.1	2
180	Optimal noise figure for Raman-assisted fiber optical parametric amplifiers. , 2008, , .		2

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181	Delayed reservation decision in optical burst switching networks with optical buffers. , 2008, , .		2
182	A central control optical burst switching scheme. , 2008, , .		2
183	Chromatic dispersion monitoring of DPSK signals using RF power detection. Proceedings of SPIE, 2008, , .	0.8	2
184	Fabry Perot laser diode for pulse generation and its other application. , 2008, , .		2
185	Chromatic dispersion monitoring using coherent detection and tone power measurement. , 2009, , .		2
186	1500-km SSMF Transmission of Mixed 40-Gb/s CS-RZ Duobinary and 100-Gb/s CS-RZ DQPSK Signals. IEEE Photonics Technology Letters, 2009, 21, 1148-1150.	2.5	2
187	Noise characterization of Raman-assisted fiber optical parametric amplifiers. , 2009, , .		2
188	Fourier analysis for hydrostatic pressure sensing in a polarization-maintaining photonic crystal fiber. Applied Optics, 2010, 49, 6861.	2.1	2
189	Signed frequency offset measurement for direct detection DPSK system with a chromatic dispersion offset. Optics Express, 2010, 18, 23829.	3.4	2
190	Characterizing bifurcations and chaos in multiwavelength lasers with intensity-dependent loss and saturable homogeneous gain. Optics Communications, 2012, 285, 2144-2153.	2.1	2
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