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	Phase Noise of Fourier Domain Mode Locked Laser Based Coherent Detection Systems. Journal of Lightwave Technology, 2022, 40, 615-623.	4.6	2
2	Discrete Fourier Domain Mode Locked Laser for Simultaneous Dual Modal Swept Source OCT. Journal of Lightwave Technology, 2022, 40, 1873-1878.	4.6	1
3	Fourier Domain Mode Locked Laser and Its Applications. Sensors, 2022, 22, 3145.	3.8	10
4	Eckhaus Instability in Laser Cavities With Harmonically Swept Filters. Journal of Lightwave Technology, 2021, 39, 6531-6538.	4.6	6
5	Simultaneous Combination and Nearly Self-similar Pulse Compression of Five Pulses at Different Wavelengths. , 2021, , .		0
6	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
7	Pulse Train Triggered Single Dissipative Kerr Soliton in Microresonator and Application in Terahertz Rate Optical Clock Recovery. Journal of Lightwave Technology, 2021, 39, 3511-3520.	4.6	2
8	Improving Soliton Transmission Systems Through Soliton Interactions. Journal of Lightwave Technology, 2020, 38, 3563-3572.	4.6	28
9	Combination and Compression of Multiple Pulses With Same or Different Wavelengths. Journal of Lightwave Technology, 2020, 38, 6932-6938.	4.6	3
10	Mid-Infrared Supercontinuum and Frequency Comb Generations by Different Optical Modes in a Multimode Chalcogenide Strip Waveguide. IEEE Access, 2020, 8, 202022-202031.	4.2	1
11	Ultracompact optical fiber acoustic sensors based on a fiber-top spirally-suspended optomechanical microresonator. Optics Letters, 2020, 45, 3516.	3.3	26
12	2.5 MHz highly coherent swept source for long-range tomographic detection. , 2020, , .		0
13	Discrete Fourier domain harmonically mode locked laser by mode hopping modulation. , 2019, , .		1
14	Ultra-High Modulation Efficiency and Polarization-Insensitive Cadmium Oxide-Silicon Based Electro-Absorption Modulator. , 2019, , .		0
15	Hybrid Graphene-Silicon Based Polarization-Insensitive Electro-Absorption Modulator with High-Modulation Efficiency and Ultra-Broad Bandwidth. Nanomaterials, 2019, 9, 157.	4.1	22
16	Kerr frequency comb assisted supercontinuum generation in nonlinear waveguide. , 2019, , .		0
17	Characterization of Polarization Pulling in Fiber Optical Parametric Amplifiers. IEEE Journal of Quantum Electronics, 2019, 55, 1-11.	1.9	0
18	Combination and Compression of Multiple Optical Pulses in Nonlinear Fibers with the Exponentially Decreasing Dispersion. IEEE Journal of Quantum Electronics, 2018, 54, 1-10.	1.9	2

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19	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
20	High quality pulse train from discrete Fourier domain mode locked laser with a comb filter. , 2018, , .		1
21	Optical Fiber-Tip Sensors Based on In-Situ Âµ-Printed Polymer Suspended-Microbeams. Sensors, 2018, 18, 1825.	3.8	24
22	Deterministic generation of single soliton Kerr frequency comb in microresonators by a single shot pulsed trigger. Optics Express, 2018, 26, 18563.	3.4	24
23	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
24	Optical fiber-tip microfluidic refractive-index sensors. , 2018, , .		0
25	Alternative Decoding Methods for Optical Communications Based on Nonlinear Fourier Transform. Journal of Lightwave Technology, 2017, 35, 1542-1550.	4.6	80
26	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
27	Deep-ultraviolet second-harmonic generation by combined degenerate four-wave mixing and surface nonlinearity polarization in photonic crystal fiber. Scientific Reports, 2017, 7, 9224.	3.3	2
28	Optically 3-D $mu $ -Printed Ferrule-Top Polymer Suspended-Mirror Devices. IEEE Sensors Journal, 2017, 17, 7257-7261.	4.7	8
29	Comprehensive analysis of passive generation of parabolic similaritons in tapered hydrogenated amorphous silicon photonic wires. Scientific Reports, 2017, 7, 3814.	3.3	8
30	Normalized model for polarization pulling in fiber optical parametric amplifiers. , 2017, , .		0
31	High-order modulation on a single discrete eigenvalue for optical communications based on nonlinear Fourier transform. Optics Express, 2017, 25, 20286.	3.4	77
32	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
33	Optical 3D Î¼-printing of ferrule-top polymer suspended-mirror devices. , 2016, , .		1
34	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
35	Modeling Frequency Comb Sources. Nanophotonics, 2016, 5, 292-315.	6.0	12
36	Polarization pulling in Raman assisted fiber optical parametric amplifiers. Optics Express, 2016, 24, 6884.	3.4	3

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37	Degenerate Four-Wave Mixing-Based Light Source for CARS Microspectroscopy. IEEE Photonics Technology Letters, 2016, 28, 763-766.	2.5	6
38	Generation of Second-Harmonics Near Ultraviolet Wavelengths From Femtosecond Pump Pulses. IEEE Photonics Technology Letters, 2016, 28, 1719-1722.	2.5	4
39	Strong modulation instability and ultra-short pulse train generation in silicon-organic hybrid slot waveguide. , 2015, , .		0
40	A comprehensive theoretical model for on-chip microring-based photonic fractional differentiators. Scientific Reports, 2015, 5, 14216.	3.3	16
41	Polarized fiber optical parametric amplification in randomly birefringent fibers. Optics Express, 2015, 23, 32747.	3.4	5
42	Highly coherent supercontinuum pumped by picosecond pulse with a PCF taper. , 2015, , .		0
43	Second-harmonic generation of near ultraviolet wavelength by surface nonlinearity polarization. , 2015, , .		0
44	Microwave signal generation using sideband injection locking in an Fabry-Pérot laser diode. , 2015, , .		0
45	Microwave signal generation using sideband injection locking in an Fabry-PÃ©rot laser diode. , 2015, , .		0
46	Two beam injection locking in an Fabry-PÃ©rot laser diode. , 2015, , .		0
47	Red-shifted solitons for coherent anti-Stokes Raman scattering microspectroscopy in a polarization-maintaining photonic crystal fiber. Optical Engineering, 2015, 54, 056107.	1.0	1
48	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
49	CMOS-compatible 2-bit optical spectral quantization scheme using a silicon-nanocrystal-based horizontal slot waveguide. Scientific Reports, 2015, 4, 7177.	3.3	16
50	Investigation of microwave photonic filter based on multiple longitudinal modes fiber laser source. Optical Fiber Technology, 2015, 23, 122-128.	2.7	0
51	Gigahertz single source IIR microwave photonic filter based on coherence managed multi-longitudinal-mode fiber laser. Optics Express, 2015, 23, 4277.	3.4	5
52	Long-haul quasi-single-mode transmissions using few-mode fiber in presence of multi-path interference. Optics Express, 2015, 23, 3156.	3.4	80
53	Tunable fractional-order photonic differentiator based on the inverse Raman scattering in a silicon microring resonator. Optics Express, 2015, 23, 11141.	3.4	9
54	Nonlinear Frequency Division Multiplexed Transmissions Based on NFT. IEEE Photonics Technology Letters, 2015, 27, 1621-1623.	2.5	100

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55	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
56	Simultaneous compression and coherent combination of multiple optical pulses in the same pulse train using nonlinear optical fibers. , 2015, , .		1
57	Flattop pulse generation based on the combined action of active mode locking and nonlinear polarization rotation. Applied Optics, 2014, 53, 902.	1.8	4
58	Highly coherent supercontinuum generation with picosecond pulses by using self-similar compression. Optics Express, 2014, 22, 27339.	3.4	50
59	Long-haul quasi-single-mode transmission using few-mode fiber with multi-path interference compensation. , 2014, , .		0
60	Theoretical and Experimental Study of a Code-Division Multiplexing Fiber Bragg Grating Sensor System. Fiber and Integrated Optics, 2014, 33, 26-36.	2.5	0
61	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
62	Performance Model of Multichannel Deflection-Routed All-Optical Networks With Packet Injection Control. IEEE Transactions on Communications, 2014, 62, 2494-2506.	7.8	5
63	Multi-pulse compression in nonlinear optical fibers with exponentially decreasing dispersion. , 2014, , .		1
64	High-degree pulse compression and high-coherence supercontinuum generation in a convex dispersion profile. Optics Communications, 2013, 301-302, 29-33.	2.1	9
65	On Wavelength-Routed Networks With Reversible Wavelength Channels. Journal of Lightwave Technology, 2013, 31, 1409-1417.	4.6	1
66	Theoretical studies of frequency domain mode-locked fiber lasers. , 2013, , .		0
67	Frequency synchronization of Fourier domain harmonically mode locked fiber laser by monitoring the supermode noise peaks. Optics Express, 2013, 21, 30255.	3.4	5
68	Generation of high-repetition-rate ultrashort pulse train at 850 nm. , 2013, , .		0
69	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
70	WKB analysis of Fourier domain mode locked fiber lasers. , 2013, , .		0
71	Pulse energy enhancement in mode locked lasers with cascaded nonlinear polarization rotation. , 2012, , .		0
72	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

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73	Performance comparison of resource reservation schemes in optical packet-switched networks. , 2012, , .		1
74	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
75	Pedestal free pulse compression of chirped optical solitons. Optics Communications, 2012, 285, 1449-1455.	2.1	14
76	Characterizing bifurcations and chaos in multiwavelength lasers with intensity-dependent loss and saturable homogeneous gain. Optics Communications, 2012, 285, 2144-2153.	2.1	2
77	Characteristics of supercontinuum generation under the influence of a weak continuous-wave trigger. , 2011, , .		0
78	Chromatic Dispersion Monitoring Based on Variance of Received Optical Power. IEEE Photonics Technology Letters, 2011, 23, 486-488.	2.5	9
79	Polarization Splitting of Photonic Crystal Fiber With Hybrid Guidance Mechanisms. IEEE Photonics Technology Letters, 2011, 23, 1358-1360.	2.5	9
80	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
81	Optimization of Raman-Assisted Fiber Optical Parametric Amplifier Gain. Journal of Lightwave Technology, 2011, 29, 1172-1181.	4.6	21
82	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
83	Multiple Raman Pump Assisted Fiber Optical Parametric Amplifiers. Journal of Lightwave Technology, 2011, 29, 2601-2608.	4.6	11
84	Performance Improvement Methods for Burst-Switched Networks. Journal of Optical Communications and Networking, 2011, 3, 104.	4.8	6
85	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
86	Analysis of signed chromatic dispersion monitoring by waveform asymmetry for differentially-coherent phase-modulated systems. Optics Express, 2011, 19, 4147.	3.4	6
87	Investigating the influence of a weak continuous-wave-trigger on picosecond supercontinuum generation. Optics Express, 2011, 19, 13757.	3.4	53
88	Dual transmission filters for enhanced energy in mode-locked fiber lasers. Optics Express, 2011, 19, 23408.	3.4	24
89	Non-adiabatic pulse compression using cascaded higher-order solitons. , 2011, , .		0
90	Multiwavelength lasers with homogeneous gain and intensity-dependent loss. Optics Communications, 2011, 284, 2327-2336.	2.1	9

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91	Switchable multiwavelength erbium-doped fiber laser employing wavelength-dependent loss. Optical Fiber Technology, 2011, 17, 138-140.	2.7	10
92	Application of lightpath data interchange in optical burst-switched networks. , 2011, , .		0
93	Two novel designs using Raman amplifiers to extend the amplifier span of phase sensitive fiber optical parametric amplifiers. , 2011, , .		0
94	Spectrum engineering of multiwavelength erbium doped fiber lasers with intensity-dependent loss. , 2011, , .		1
95	Polarization independent Raman-assisted fiber optical parametric amplifiers. , 2011, , .		1
96	Pulse compression and super-continuum generation using cascaded higher-order solitons. , 2011, , .		0
97	Studies on nonlinear loss and laser dynamics: from multiwavelength CW lasing to multi-pulsing transition. , 2010, , .		0
98	Tunable polarization maintaining fiber Bragg grating based OSNR monitor. Optical Fiber Technology, 2010, 16, 222-224.	2.7	1
99	Optical performance monitoring techniques for high capacity optical networks. , 2010, , .		1
100	High-repetition-rate pulse generation using dual-mode self-injection locking in a Fabry-Perot laser diode. Optical Engineering, 2010, 49, 074201.	1.0	1
101	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
102	Statistical Analysis of Optical Signal-to-Noise Ratio Monitoring Using Delay-Tap Sampling. IEEE Photonics Technology Letters, 2010, 22, 149-151.	2.5	23
103	OSNR Monitoring for RZ-DQPSK Systems Using Half-Symbol Delay-Tap Sampling Technique. IEEE Photonics Technology Letters, 2010, 22, 823-825.	2.5	32
104	Signed and Accurate Measurement of Phase Offset in Optical DPSK Demodulator. IEEE Photonics Technology Letters, 2010, 22, 1018-1020.	2.5	0
105	Polarization-maintaining photonic-crystal-fiber-based all-optical polarimetric torsion sensor. Applied Optics, 2010, 49, 5954.	2.1	32
106	Fourier analysis for hydrostatic pressure sensing in a polarization-maintaining photonic crystal fiber. Applied Optics, 2010, 49, 6861.	2.1	2
107	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
108	Switchable UWB pulse generation using a polarization maintaining fiber Bragg grating as frequency discriminator. Optics Express, 2010, 18, 3643.	3.4	14

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109	Signed frequency offset measurement for direct detection DPSK system with a chromatic dispersion offset. Optics Express, 2010, 18, 23829.	3.4	2
110	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
111	Polarizing Properties of Photonic Crystal Fibers With High-Index Cladding Defects. Journal of Lightwave Technology, 2010, 28, 1608-1614.	4.6	5
112	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
113	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
114	External wavelength contention resolution for optical crossconnects. , 2009, , .		0
115	Chromatic dispersion monitoring using coherent detection and tone power measurement. , 2009, , .		2
116	8×200-Gbit/s polarization-division multiplexed CS-RZ-DQPSK transmission over 1200 km of SSMF. , 2009, , .		3
117	Modeling of multiwavelength laser with saturable homogeneous gain and nonlinear loss. , 2009, , .		0
118	Fast FBG sensor interrogation system using vertical cavity surface emitting laser source. , 2009, , .		5
119	100Gbit/s RZ-DQPSK signal monitoring using delay tap sampling and asymmetry ratio evaluation. , 2009, , .		0
120	Demonstration of transmission of 8×100Gb/s CSRZ-DQPSK signal over 1520Km standard single-mode fiber. , 2009, , .		0
121	Novel design of a microstructured fiber taper. , 2009, , .		0
122	Square shape spectrum in 1550 nm and 1060 nm bands in passive mode-locked fiber laser. , 2009, , .		0
123	Continuous-wave pumped, all-fiber optical parametric oscillator assisted by stimulated Raman scattering. Optics Communications, 2009, 282, 2906-2908.	2.1	0
124	Spatial solitons supported by localized gain in nonlinear optical waveguides. European Physical Journal: Special Topics, 2009, 173, 233-243.	2.6	62
125	Effects of higher order dispersion on self-similar pulse compression in nonlinear fiber bragg gratings. , 2009, , .		1
126	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

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127	Optimization of 3-hole-assisted PMMA optical fiber with double cladding for UV-induced FBG fabrication. Optics Express, 2009, 17, 2080.	3.4	3
128	C-band single-longitudinal mode lanthanum co-doped bismuth based erbium doped fiber ring laser. Optics Express, 2009, 17, 16352.	3.4	5
129	Multiplexing of polarization-maintaining photonic crystal fiber based Sagnac interferometric sensors. Optics Express, 2009, 17, 18501.	3.4	52
130	Gain dispersion for dissipative soliton generation in all-normal-dispersion fiber lasers. Applied Optics, 2009, 48, 5131.	2.1	24
131	High Fundamental Repetition Rate Fiber Lasers Operated in Strong Normal Dispersion Regime. IEEE Photonics Technology Letters, 2009, 21, 724-726.	2.5	23
132	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
133	Multiwavelength Erbium-Doped Fiber Laser Employing Cavity Loss Modulation. IEEE Photonics Technology Letters, 2009, 21, 1314-1316.	2.5	22
134	Optimal design of double-clad ytterbium-doped fiber amplifiers operating at 1020-1070. , 2009, , .		0
135	Nonlinear dynamics in lasers with nonlinear loss. , 2009, , .		0
136	Chirped optical solitons: High degree pulse compression. , 2009, , .		1
137	Noise characterization of Raman-assisted fiber optical parametric amplifiers. , 2009, , .		2
138	Lightpath Affiliation Graph approach for wavelength assignment of lambda leasing service. , 2009, , .		1
139	Fiber optic pressure sensor based on polarization-maintaining photonic crystal fiber for downhole application. , 2009, , .		1
140	All-Optical Multicast Switch Employing Raman-Assisted FWM in Dispersion-Shifted Fiber. IEEE Photonics Technology Letters, 2008, 20, 1730-1732.	2.5	10
141	Robust pedestal-free pulse compression in cubic-quintic nonlinear media. Physical Review A, 2008, 78, .	2.5	67
142	Pressure sensor realized with polarization-maintaining photonic crystal fiber-based Sagnac interferometer. Applied Optics, 2008, 47, 2835.	2.1	260
143	Effectiveness of Nonlinear Optical Loop Mirrors in Dispersion-Managed Fiber Communication Systems Compensated by Chirped Fiber Gratings With Group Delay Ripples. Journal of Lightwave Technology, 2008, 26, 3835-3846.	4.6	1
144	6.4-dB Enhancement of the Gain of a Raman-assisted Fiber Optical Parametric Amplifier Over the Sum of the Gains of Individual Amplifiers. , 2008, , .		1

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145	Single-frequency single-polarization fiber ring laser at 1053 nm. , 2008, , .		0
146	Optimal noise figure for Raman-assisted fiber optical parametric amplifiers. , 2008, , .		2
147	40 Gb/s all optical clock recovery based on an optical parametric oscillator with photonic crystal fiber. , 2008, , .		0
148	Spectrum flattening of white OLED with photonic crystal patterned capping layer. , 2008, , .		0
149	Pedestal-free pulse compression in nonlinear fiber Bragg gratings with exponentially varying dispersion. , 2008, , .		0
150	Delayed reservation decision in optical burst switching networks with optical buffers. , 2008, , .		2
151	Improving the Performance of Optical Burst Switching with Large Control Overhead. , 2008, , .		1
152	ROLE OF HYSTERESIS ON THE MODE-SHIFT CHARACTERISTICS OF INJECTION LOCKING A LASER DIODE. Journal of Nonlinear Optical Physics and Materials, 2008, 17, 15-22.	1.8	1
153	High-speed fibre Bragg grating sensor interrogation using dispersion-compensation fibre. Electronics Letters, 2008, 44, 618.	1.0	36
154	Optical signal monitoring of DPSK signals using RF power detection. , 2008, , .		1
155	A central control optical burst switching scheme. , 2008, , .		2
156	An optical implementation of crosspoint buffered packet switch. , 2008, , .		0
157	An optical crosspoint buffered switching architecture. , 2008, , .		0
158	A hybrid optical buffer. , 2008, , .		6
159	Performance Model of Deflection-Routed Multi-Slot Batch-Transfer Networks. , 2008, , .		1
160	Periodic waves in fiber Bragg gratings. Physical Review E, 2008, 77, 026602.	2.1	15
161	Chromatic dispersion monitoring of DPSK signals using RF power detection. Proceedings of SPIE, 2008, , .	0.8	2
162	Characterization of Raman-assisted fiber optical parametric amplifiers gain. , 2008, , .		0

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163	Fabry Perot laser diode for pulse generation and its other application. , 2008, , .		2
164	2×2 deflection routing node for optical packet-switched networks. , 2008, , .		1
165	Novel fiber optic polarimetric torsion sensor based on polarization-maintaining photonic crystal fiber. Proceedings of SPIE, 2008, , .	0.8	6
166	100Gb/s transmission system implementation and optimization. , 2008, , .		1
167	N×N all-optical packet sorter. , 2008, , .		0
168	6.4-dB Small signal gain enhancement in Raman-assisted fiber optical parametric amplifiers. , 2008, , .		0
169	A novel optical signal monitoring method of DPSK signal based on delay tap sampling and Hausdorff distance measure. , 2008, , .		3
170	Flat-top pulse generation based on the combined action of active mode locking and nonlinear polarization rotation. , 2008, , .		1
171	Large-scale FBG sensors utilizing code division multiplexing. , 2008, , .		6
172	MEASUREMENT OF FLICKER NOISE AS A DIAGNOSTIC TOOL FOR HOT-ELECTRON DEGRADATION IN GaN-BASED LEDS. Fluctuation and Noise Letters, 2007, 07, L419-L428.	1.5	0
173	Two-stage Hermite-Gaussian function method with perfectly matched layers for analyzing microstructured optical fibers. , 2007, , .		0
174	Binary-encoded Address for All-optical Packet Switching. , 2007, , .		0
175	40 GHz all-optical clock recovery using cross-absorption in an electro-absorption modulator inside a fiber ring laser. , 2007, , .		0
176	Effect of Raman-Induced Refractive Index Change on Multi-Pump Raman-assisted Four-Wave Mixing. , 2007, , .		0
177	Wavelength Conversion using Multi-Pump Raman-assisted Four-Wave Mixing. , 2007, , .		1
178	Long-distance and quasi-distributed FBG sensor system using a SOA based ring cavity scheme. , 2007, , .		2
179	Photonic Crystal Fiber Based 10 GHz Optical Clock Recovery Using an Optical Parametric Oscillator. , 2007, , .		0
180	Monitoring of Optical Signal-to-Noise Ratio using Polarization Maintaining Fiber Bragg Grating. , 2007, , .		1

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181	10 Gb/s Wavelength Transparent All-optical Memory using PCF-based Nonlinear Optical Loop Mirror. , 2007, , .		0
182	Ultra-flat spectrum, multiwavelength operation in an erbium-doped fiber laser using power-clamping effect. , 2007, , .		0
183	Multi-uplink passive optical networks. , 2007, , .		0
184	40 GHz all-optical clock recovery using cross-absorption in an electroabsorption modulator inside a fiber ring laser. , 2007, , .		0
185	Application of ultra-flat spectrum multiwavelength EDFL in microwave photonic filters. , 2007, , .		0
186	Effect of Raman-induced refractive index change on multi-pump raman-assisted four-wave mixing. , 2007, , .		0
187	Monitoring of optical signal-to-noise ratio using polarization maintaining fiber bragg grating. , 2007, , .		0
188	Multi-uplink passive optical networks. , 2007, , .		0
189	High repetition rate passively Q-switched erbium-doped fiber laser incorporating an electro-absorption modulator. , 2007, , .		1
190	High power and high repetition rate pulse generation using self injection-locking in Fabry-Perot Laser diode. , 2007, , .		0
191	Multi-Slot Batch-Transfer Optical Packet Switch. , 2007, , .		2
192	All-Optical Wavelength Conversion using Multi-Pump Raman-assisted Four-Wave Mixing. , 2007, , .		6
193	All-optical wavelength conversion and multicasting by cross-gain modulation in a single-stage fiber optical parametric amplifier. , 2007, , .		10
194	High repetition rate passively Q-switched erbium-doped fiber laser incorporating an electro-absorption modulator. , 2007, , .		0
195	Optical Burst Switching With Large Switching Overhead. Journal of Lightwave Technology, 2007, 25, 451-462.	4.6	6
196	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
197	All-Optical Multicast Switch based on Raman-Assisted Four-Wave Mixing in Dispersion-shifted Fiber. , 2007, , .		0
198	Pedestal free pulse compression in nonuniform fiber Bragg gratings. , 2007, , .		1

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199	40 GHz actively mode-locked erbium-doped fiber ring laser using an electro-absorption modulator and a linear optical amplifier. , 2007, , .		4
200	Optical burst switching with burst access mode passive optical networks. , 2007, , .		0
201	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
202	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
203	Reconfigurable Microwave Photonic Filter Using Multiwavelength Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2007, 19, 1334-1336.	2.5	56
204	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
205	All-optical onâ€“off switch based on bismuth-based highly nonlinear fiber. Microwave and Optical Technology Letters, 2007, 49, 838-841.	1.4	0
206	Behavior of different ansÃtze in the generalized projection operator method. Chaos, Solitons and Fractals, 2007, 31, 639-647.	5.1	2
207	Width-tunable pulse generation using four-wave mixing in bismuth based highly nonlinear fiber. Optics Communications, 2007, 275, 223-229.	2.1	6
208	Innovative Use of Building Reinforced Steel Bars to Transmit Signals Within a Building. , 2006, , .		1
209	All optical on-off switching using bismuth-based highly nonlinear fiber. , 2006, , .		1
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