

# Kazuro Kikuchi

## List of Publications by Year in descending order

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240  
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240  
docs citations

240  
times ranked

3513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of Spontaneous Emission Factors of Optical Parametric Amplifiers. , 2021, , .		0
2	Quantum Theory of Noise in Stokes Vector Receivers and Application to Bit Error Rate Analysis. Journal of Lightwave Technology, 2020, 38, 3164-3172.	2.7	7
3	Sensitivity analysis of optically preamplified Stokes-vector receivers using analytically derived formulae for bit-error rate. Optics Express, 2020, 28, 26007.	1.7	3
4	Noise Characteristics of Stokes Vector Receivers and Bit-error-rate Formulae for Cubic Polarization Modulation. , 2019, , .		1
5	Decoding of Multilevel Stokes-Vector Modulated Signal by Polarization-Analyzing Circuit on InP. Journal of Lightwave Technology, 2018, 36, 187-194.	2.7	17
6	Simple direct-detection-based Stokes vector receiver circuit on InP. , 2017, , .		6
7	Fundamentals of Coherent Optical Fiber Communications. Journal of Lightwave Technology, 2016, 34, 157-179.	2.7	619
8	The Past, Present, and Future of Coherent Optical Communications. , 2015, , .		0
9	Clock-recovery and adaptive-equalization characteristics of digital coherent receivers with symbol-rate analog-to-digital conversion. , 2015, , .		3
10	Fast decoding and LLR-computation algorithms for high-order set-partitioned 4D-QAM constellations. , 2015, , .		4
11	Multi-dimensional permutation-modulation format for coherent optical communications. Optics Express, 2015, 23, 15587.	1.7	14
12	Eight-state trellis-coded optical modulation with signal constellations of four-dimensional M-ary quadrature-amplitude modulation. Optics Express, 2015, 23, 6692.	1.7	18
13	Performance Analyses of Digital Coherent Receivers with Symbol-rate Analog-to-digital Conversion. , 2015, , .		2
14	In-Band Estimation of Optical Signal-to-Noise Ratio From Equalized Signals in Digital Coherent Receivers. IEEE Photonics Journal, 2014, 6, 1-9.	1.0	49
15	Frequency-domain adaptive equalizer with rational oversampling rates in coherent optical receivers. , 2014, , .		1
16	Multi-level signaling in the Stokes space and its application to large-capacity optical communications. Optics Express, 2014, 22, 7374.	1.7	120
17	Electronic polarization-division demultiplexing based on digital signal processing in intensity-modulation direct-detection optical communication systems. Optics Express, 2014, 22, 1971.	1.7	88
18	Multi-dimensional Permutation Modulation Aiming at Both High Spectral Efficiency and High Power Efficiency. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	16-ary Stokes-vector Modulation Enabling DSP-based Direct Detection at 100 Gbit/s. , 2014, , .		6
20	Compensation for In-Phase/Quadrature Imbalance in Coherent-Receiver Front End for Optical Quadrature Amplitude Modulation. IEEE Photonics Journal, 2013, 5, 7800110-7800110.	1.0	105
21	Blind Equalization and Carrier-Phase Recovery in QPSK Coherent Optical Receivers Based on Modified Constant-Modulus Algorithm. , 2013, , .		4
22	Characterization of semiconductor-laser phase noise and estimation of bit-error rate performance with low-speed offline digital coherent receivers. Optics Express, 2012, 20, 5291.	1.7	171
23	Novel configuration of finite-impulse-response filters tolerant to carrier-phase fluctuations in digital coherent optical receivers for higher-order quadrature amplitude modulation signals. Optics Express, 2012, 20, 26236.	1.7	68
24	Kerr-effect compensation with parallel single split-steps in digital coherent receivers. , 2012, , .		1
25	Front-end IQ-error compensation in coherent optical receivers. , 2012, , .		4
26	Digital coherent transmission. , 2012, , .		0
27	Novel FIR-Filter Configuration Tolerant to Fast Phase Fluctuations in Digital Coherent Receivers for Higher-Order QAM Signals. , 2012, , .		11
28	Principle of Adaptive-filter-based Signal Processing in Digital Coherent Receivers. , 2012, , .		1
29	Clock recovering characteristics of adaptive finite-impulse-response filters in digital coherent optical receivers. Optics Express, 2011, 19, 5611.	1.7	45
30	Performance analyses of polarization demultiplexing based on constant-modulus algorithm in digital coherent optical receivers. Optics Express, 2011, 19, 9868.	1.7	77
31	Adaptive frequency-domain equalization in digital coherent optical receivers. Optics Express, 2011, 19, 12789.	1.7	121
32	Analyses of wavelength- and polarization-division multiplexed transmission characteristics of optical quadrature-amplitude-modulation signals. Optics Express, 2011, 19, 17985.	1.7	27
33	Highly-sensitive coherent optical detection of M-ary frequency-shift keying signal. Optics Express, 2011, 19, B32.	1.7	11
34	Analyses of Polarization-Multiplexed WDM Transmission Characteristics of High-Order Optical QAM Signals. , 2011, , .		1
35	Digital coherent optical communication systems: fundamentals and future prospects. IEICE Electronics Express, 2011, 8, 1642-1662.	0.3	79
36	Carbon nanotube-incorporated sol-gel glass for high-speed modulation of intracavity absorption of fiber lasers. Optics Communications, 2010, 283, 3740-3742.	1.0	12

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37	Wavelength-multiplexed entanglement distribution. Optical Fiber Technology, 2010, 16, 225-235.	1.4	21
38	Tunable optical equalizer for 40-Gbps intensity-modulated signal using PLC-based finite-impulse-response filter. , 2010, , .		1
39	Ultrafast digital coherent receiver based on parallel processing of decomposed frequency subbands. , 2010, , .		4
40	Multi-impairments monitoring from the equalizer in a digital coherent optical receiver. , 2010, , .		3
41	Ultra-long-haul optical transmission characteristics of wavelength-division multiplexed dual-polarisation 16-quadrature-amplitude-modulation signals. Electronics Letters, 2010, 46, 433.	0.5	7
42	Equalization of nonlinear transmission impairments by maximum-likelihood-sequence estimation in digital coherent receivers. Optics Express, 2010, 18, 4776.	1.7	11
43	Multi-impairment monitoring from adaptive finite-impulse-response filters in a digital coherent receiver. Optics Express, 2010, 18, 26929.	1.7	28
44	Coherent optical modulation and demodulation. , 2010, , .		0
45	Coherent Optical Communications: Historical Perspectives and Future Directions. , 2010, , 11-49.		44
46	Fiber-nonlinearity equalization by maximum-likelihood-sequence estimation (MLSE) in digital coherent receivers. , 2009, , .		1
47	Multi-wavelength entanglement distribution for long-distance quantum communications. , 2009, , .		0
48	Excess noise in bandwidth-resource-efficient entanglement distribution. , 2009, , .		0
49	PLC-based tunable optical equalizer for 40-Gbps intensity-modulated signal. , 2009, , .		0
50	Optoelectronic 1:4 demultiplexing and clock recovery using dual-port LiNbO <sub>3</sub> intensity modulators. , 2009, , .		0
51	Unrepeated 200-km transmission of 40-Gbit/s 16-QAM signals using digital coherent receiver. Optics Express, 2009, 17, 1435.	1.7	97
52	Ultrafast Operation of Digital Coherent Receivers Using Their Time-Division Demultiplexing Function. Journal of Lightwave Technology, 2009, 27, 224-232.	2.7	32
53	Preface to Special Issue on Recent Progress in Coherent Optical Communication Technologies. The Review of Laser Engineering, 2009, 37, 162-163.	0.0	0
54	Novel Coherent Optical Communication Technologies based on Digital Signal Processing. The Review of Laser Engineering, 2009, 37, 164-170.	0.0	0

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55	Optical Signal Processing by Phase Modulation and Subsequent Spectral Filtering Aiming at Applications to Ultrafast Optical Communication Systems. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 551-565.	1.9	45
56	Evaluation of Sensitivity of the Digital Coherent Receiver. Journal of Lightwave Technology, 2008, 26, 1817-1822.	2.7	107
57	Electronic Post-compensation for Nonlinear Phase Fluctuations in a 1000-km 20-Gbit/s Optical Quadrature Phase-shift Keying Transmission System Using the Digital Coherent Receiver. Optics Express, 2008, 16, 889.	1.7	60
58	Stable source of high quality telecom-band polarization-entangled photon-pairs based on a single, pulse-pumped, short PPLN waveguide. Optics Express, 2008, 16, 12460.	1.7	52
59	Distribution of polarization-entangled photonpairs produced via spontaneous parametric down-conversion within a local-area fiber network: Theoretical model and experiment. Optics Express, 2008, 16, 14512.	1.7	33
60	Broadband source of telecom-band polarization-entangled photon-pairs for wavelength-multiplexed entanglement distribution. Optics Express, 2008, 16, 16052.	1.7	47
61	Wavelength-multiplexed distribution of highly entangled photon-pairs over optical fiber. Optics Express, 2008, 16, 22099.	1.7	40
62	Polarization-demultiplexing algorithm in the digital coherent receiver. , 2008, , .		31
63	Broadband source of polarization-entangled photon-pairs suitable for multi-channel wavelength-multiplexed entanglement distribution. , 2008, , .		0
64	Demodulation of 480-Gbit/s 8PSK OTDM signal with digital coherent receiver. , 2008, , .		3
65	Decision-feedback carrier-phase estimation for digital coherent optical receivers. , 2008, , .		0
66	Unrepeated 200-km transmission of 40-Gbit/s 16-QAM signals using digital coherent optical receiver. , 2008, , .		9
67	Transmission of 40-Gbit/s 16-QAM signal over 100-km standard single-mode fiber using digital coherent optical receiver. , 2008, , .		1
68	Coherent transmission systems. , 2008, , .		14
69	Demodulation of 320-Gbit/s Optical Quadrature Phase-shift Keying Signal with Digital Coherent Receiver having Time-division Demultiplexing Function. , 2008, , .		6
70	Wavelength-multiplexed entanglement distribution over 10 km of fiber. , 2008, , .		0
71	History of coherent optical communication and challenges for the future. , 2008, , .		6
72	Generation of 10-GHz 2-ps optical pulse train over the C band based on an optical comb generator and its application to 160-Gbit/s OTDM systems. , 2008, , .		4

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73	Investigation of nonlinear impairment effects on optical quadrature phase-shift keying signals transmitted through a long-haul system. , 2008, , .		0
74	Coherent optical communications &#x2014;History, state-of-the-art technologies, and challenges for the future&#x2014;. , 2008, , .		2
75	Coherent optical communication systems. , 2008, , 95-129.		25
76	Digital Coherent Optical Receivers. , 2007, , .		3
77	Electronic post-compensation for nonlinear phase noise in a 1000-km 20-Gbit/s optical QPSK transmission system using the homodyne receiver with digital signal processing. , 2007, , .		18
78	High-energy ultrashort pulse generation from a fundamentally mode-locked fiber laser at 1.7 MHz. , 2007, , .		7
79	1,000-km transmission of 20-Gbit/s QPSK-NRZ co-polarized DWDM signals with spectral efficiency of 1 bit/s/Hz using coherent detection. , 2007, , .		7
80	Solid-state Er:Yb:glass laser mode-locked by using single-wall carbon nanotube thin film. Optics Letters, 2007, 32, 38.	1.7	87
81	Optoelectronic time-division demultiplexing of 160-Gbit/s optical signal based on phase modulation and spectral filtering. Optics Express, 2007, 15, 845.	1.7	9
82	Four-wave mixing based widely tunable wavelength conversion using 1-m dispersion-shifted bismuth-oxide photonic crystal fiber. Optics Express, 2007, 15, 15418.	1.7	36
83	Adjustable Group Velocity Dispersion and Dispersion Slope Compensation Devices With Wavelength Tunability Based on Enhanced Thermal Chirping of Fiber Bragg Gratings. Journal of Lightwave Technology, 2007, 25, 2711-2718.	2.7	12
84	Simultaneous Cancellation of Fiber Loss, Dispersion, and Kerr Effect in Ultralong-Haul Optical Fiber Transmission by Midway Optical Phase Conjugation Incorporated With Distributed Raman Amplification. Journal of Lightwave Technology, 2007, 25, 3035-3050.	2.7	8
85	Optical Homodyne Receiver Comprising Phase and Polarization Diversities with Digital Signal Processing. LEOS Summer Topical Meeting, 2007, , .	0.0	5
86	Ultrafast saturable absorbers based on carbon nanotubes and their applications to passively mode-locked fiber lasers. Electronics and Communications in Japan, 2007, 90, 17-24.	0.2	5
87	Coherent demodulation of optical multilevel phase-shift-keying signals using homodyne detection and digital signal processing. IEEE Photonics Technology Letters, 2006, 18, 1131-1133.	1.3	72
88	Unrepeated transmission of 20-Gb/s optical quadrature phase-shift-keying signal over 200-km standard single-mode fiber based on digital processing of homodyne-detected signal for Group-velocity dispersion compensation. IEEE Photonics Technology Letters, 2006, 18, 1016-1018.	1.3	58
89	Wide-band tunable wavelength conversion of 10-gb/s nonreturn-to-zero signal using cross-phase-Modulation-induced polarization rotation in 1-m bismuth oxide-based nonlinear optical fiber. IEEE Photonics Technology Letters, 2006, 18, 298-300.	1.3	17
90	Output performance investigation of self-phase-modulation-based 2R regenerator using bismuth oxide nonlinear fiber. IEEE Photonics Technology Letters, 2006, 18, 1296-1298.	1.3	17

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91	Phase-sensitive Amplifier Based on Two-pump Four-wave Mixing in an Optical Fiber. , 2006, , .		5
92	Observation of elliptical polarization rotation in a long twisted fiber. Optics Letters, 2006, 31, 882.	1.7	7
93	Polarization-insensitive 160-Gb/s wavelength converter with all-optical repolarizing function using circular-birefringence highly nonlinear fiber. Optics Express, 2006, 14, 1408.	1.7	13
94	Prescaled phase-locked loop using phase modulation and spectral filtering and its application to clock extraction from 160-Gbit/s optical-time-division multiplexed signal. Optics Express, 2006, 14, 4087.	1.7	3
95	Bismuth-oxide-based nonlinear fiber with a high SBS threshold and its application to four-wave-mixing wavelength conversion using a pure continuous-wave pump. Journal of Lightwave Technology, 2006, 24, 22-28.	2.7	43
96	Circular-Birefringence Fiber for Nonlinear Optical Signal Processing. Journal of Lightwave Technology, 2006, 24, 4108-4119.	2.7	65
97	Experimental investigation of continuous-wave supercontinuum ring laser composed of clad-pumped Er/Yb codoped fiber and highly-nonlinear optical fiber. Optics Communications, 2006, 266, 681-685.	1.0	5
98	Coherent detection of optical quadrature phase-shift keying signals with carrier phase estimation. Journal of Lightwave Technology, 2006, 24, 12-21.	2.7	365
99	Phase-diversity homodyne detection of multilevel optical modulation with digital carrier phase estimation. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 563-570.	1.9	126
100	Bismuth nonlinear fibre-based optical phase conjugator without SBS-induced efficiency limitation and its application to dispersion compensation in transmission link. Electronics Letters, 2006, 42, 298.	0.5	6
101	Chromatic dispersion compensation in a transmission link using a stimulated Brillouin scattering free, bismuth nonlinear optical fiber based phase conjugator. , 2006, , .		0
102	Coherent Detection: Born again?., 2006, , .		0
103	Rectangular short pulse generation by using strong unchirped fiber Bragg grating. , 2006, , .		1
104	A high speed OTDM receiver of clock recovery and demultiplexing using Bismuth oxide-based nonlinear fiber and erbium-doped bismuth oxide fiber. , 2006, , .		1
105	Single Wall Carbon Nanotube for mode locking solid-state Er:Yb:glass laser. , 2006, , .		0
106	Continuous-Wave Supercontinuum Laser Composed of Double Clad Er/Yb Codoped Fiber and Highly-Nonlinear Optical Fiber. , 2006, , .		0
107	Continuous-wave supercontinuum generation from a simple ring cavity laser composed of double clad Er/Yb codoped fiber and highly nonlinear optical fiber. , 2006, , .		1
108	Optical Homodyne Receiver Comprising Phase and Polarization Diversities with Digital Signal Processing. , 2006, , .		26

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109	Generation of low-repetition rate high-energy picosecond pulses from a single-wall carbon nanotube mode-locked fiber laser. , 2006, , .		6
110	Fabrication and resonance wavelength adjustment of long-period fiber gratings. , 2005, , .		1
111	Ultra-high speed optical signal processing through third-order fiber nonlinearity (Invited Paper). , 2005, , .		0
112	Bismuth oxide nonlinear fibre-based 80â€¦Gbitâˆ•s wavelength conversion and demultiplexing using cross-phase modulation and filtering scheme. Electronics Letters, 2005, 41, 1237.	0.5	2
113	Unrepeated optical transmission of 20â€¦Gbitâˆ•s quadrature phase-shift keying signals over 210â€¦km using homodyne phase-diversity receiver and digital signal processing. Electronics Letters, 2005, 41, 206.	0.5	56
114	All-fiber 80-Gbit/s wavelength converter using 1-m-long Bismuth Oxide-based nonlinear optical fiber with a nonlinearity $\gamma$ of $1100 \text{ W}^{-1} \text{ km}^{-1}$ . Optics Express, 2005, 13, 3144.	1.7	35
115	Experimental performance comparison for various continuous-wave supercontinuum schemes: ring cavity and single pass structures. Optics Express, 2005, 13, 4848.	1.7	20
116	All fiber-based 160-Gbit/s add/drop multiplexer incorporating a 1-m-long Bismuth Oxide-based ultra-high nonlinearity fiber. Optics Express, 2005, 13, 6864.	1.7	27
117	Polarization-insensitive asymmetric four-wave mixing using circularly polarized pumps in a twisted fiber. Optics Express, 2005, 13, 7497.	1.7	22
118	Use of 1-mBi_2O_3 nonlinear fiber for 160-Gbit?s optical time-division demultiplexing based on polarization rotation and a wavelength shift induced by cross-phase modulation. Optics Letters, 2005, 30, 1267.	1.7	53
119	Experimental comparison of a Kerr nonlinearity figure of merit including the stimulated Brillouin scattering threshold for state-of-the-art nonlinear optical fibers. Optics Letters, 2005, 30, 1698.	1.7	100
120	Continuous-wave supercontinuum laser based on an erbium-doped fiber ring cavity incorporating a highly nonlinear optical fiber. Optics Letters, 2005, 30, 2599.	1.7	29
121	All-optical regenerator using wavelength shift induced by cross-phase modulation in highly nonlinear dispersion-shifted fiber. IEEE Photonics Technology Letters, 2005, 17, 423-425.	1.3	35
122	Complete characterization of picosecond optical pulses in long-haul dispersion-managed transmission systems. IEEE Photonics Technology Letters, 2005, 17, 648-650.	1.3	5
123	All-optical 80-Gb/s add-drop multiplexer using fiber-based nonlinear optical loop mirror. IEEE Photonics Technology Letters, 2005, 17, 840-842.	1.3	13
124	Polarization-insensitive all-optical wavelength conversion using cross-phase modulation in twisted fiber and optical filtering. IEEE Photonics Technology Letters, 2005, 17, 1052-1054.	1.3	24
125	160-gb/s operation of nonlinear optical loop-mirror with an optical bias controller. IEEE Photonics Technology Letters, 2005, 17, 1058-1060.	1.3	8
126	Four-wave-mixing-based wavelength conversion of 40-Gb/s nonreturn-to-zero signal using 40-cm bismuth oxide nonlinear optical fiber. IEEE Photonics Technology Letters, 2005, 17, 1474-1476.	1.3	32



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127	Clock recovery and demultiplexing of high-speed OTDM signal through combined use of bismuth oxide nonlinear fiber and erbium-doped bismuth oxide fiber. IEEE Photonics Technology Letters, 2005, 17, 2658-2660.	1.3	16
128	87â€…nm bandwidth noise-like pulse generation from erbium-doped fibre laser. Electronics Letters, 2005, 41, 399.	0.5	61
129	Picosecond pulse generation with high extinction ratio employing electroabsorption modulator, fibre compressor, and self-phase-modulation-based pulse reshaper. Electronics Letters, 2004, 40, 15.	0.5	11
130	Modulational Instability and Parametric Amplification Induced by Loss Dispersion in Optical Fibers. Physical Review Letters, 2004, 93, 163902.	2.9	61
131	Generation of 10â€…GHz similariton pulse trains from 1.2â€…km-long erbium-doped fibre amplifier for application to multi-wavelength pulse sources. Electronics Letters, 2004, 40, 1103.	0.5	33
132	Bi 2 O 3 -based highly nonlinear fiber with step index structure. , 2004, , .		2
133	Rapid Amplitude and Group-Delay Measurement System Based on Intra-Cavity-Modulated Swept-Lasers. IEEE Transactions on Instrumentation and Measurement, 2004, 53, 192-196.	2.4	17
134	Nonlinear Optical Loop Mirror With an Optical Bias Controller for Achieving Full-Swing Operation of Gate Switching. IEEE Photonics Technology Letters, 2004, 16, 545-547.	1.3	30
135	Design and Fabrication of a Tunable Dispersion-Slope Compensating Module Based on Strain-Chirped Fiber Bragg Gratings. IEEE Photonics Technology Letters, 2004, 16, 524-526.	1.3	22
136	Polarization-Insensitive All-Optical Time-Division Demultiplexing Using a Fiber Four-Wave Mixer With a Peak-Holding Optical Phase-Locked Loop. IEEE Photonics Technology Letters, 2004, 16, 563-565.	1.3	20
137	Highly Efficient Arbitrary Wavelength Conversion Within Entire C-Band Based on Nondegenerate Fiber Four-Wave Mixing. IEEE Photonics Technology Letters, 2004, 16, 551-553.	1.3	65
138	In-Service Dispersion Monitoring in 32&gt;tex&lt;\$&gt;/tex&lt;10.7 Gbps WDM Transmission System Over Transatlantic Distance Using Optical Frequency-Modulation Method. Journal of Lightwave Technology, 2004, 22, 257-265.	2.7	17
139	Performance Analysis of Variable Optical Delay Circuit Using Highly Nonlinear Fiber Parametric Wavelength Converters. Journal of Lightwave Technology, 2004, 22, 874-881.	2.7	17
140	All-optical signal processing using nonlinear fibers. , 2004, , .		2
141	A novel tunable dispersion slope compensator based on nonlinearly thermally chirped fiber Bragg grating. Optics Communications, 2003, 227, 107-113.	1.0	5
142	Adjustable dispersion-compensation devices with wavelength tunability based on enhanced thermal chirping of fiber Bragg gratings. IEEE Photonics Technology Letters, 2003, 15, 416-418.	1.3	27
143	Wavelength tuning of fiber Bragg gratings over 90 nm using a simple tuning package. IEEE Photonics Technology Letters, 2003, 15, 557-559.	1.3	84
144	Experimental demonstration of in-service dispersion monitoring in 960-km WDM transmission system using optical frequency-modulation method. IEEE Photonics Technology Letters, 2003, 15, 870-872.	1.3	7

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145	Subpicosecond pulse generation using an electroabsorption modulator and a double-stage pulse compressor. IEEE Photonics Technology Letters, 2003, 15, 1288-1290.	1.3	32
146	Polarization-independent broad-band wavelength conversion using two-pump fiber optical parametric amplification without idler spectral broadening. IEEE Photonics Technology Letters, 2003, 15, 1573-1575.	1.3	42
147	A compact thin-film-based all-pass device for the compensation of the in-band dispersion in FBG filters. IEEE Photonics Technology Letters, 2003, 15, 1725-1727.	1.3	4
148	N x N multiwavelength optical cross-connect based on tunable fiber bragg gratings. Journal of Lightwave Technology, 2003, 21, 703-718.	2.7	12
149	Simultaneous suppression of third-order dispersion and sideband instability in single-channel optical fiber transmission by midway optical phase conjugation employing higher order dispersion management. Journal of Lightwave Technology, 2003, 21, 1465-1473.	2.7	12
150	Unified analysis of modulational instability induced by cross-phase modulation in optical fibers. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 2502.	0.9	40
151	Differential detection of single modulation sideband for ultra-dense optical frequency-division multiplexed systems. Electronics Letters, 2002, 38, 980.	0.5	4
152	Thin-film-based dispersion compensation technology and challenges. , 2002, , .		0
153	Background-free intensity autocorrelator employing Si avalanche photodiode as two-photon absorber. Electronics Letters, 2002, 38, 1465.	0.5	10
154	Narrowband optical filter, with a variable transmission spectrum, using stimulated Brillouin scattering in optical fiber. Optics Letters, 2002, 27, 1552.	1.7	126
155	Dispersion tolerance and transmission distance of a 40-Gb/s dispersion management soliton transmission system. Journal of Lightwave Technology, 2002, 20, 360-367.	2.7	7
156	Complete analysis of sideband instability in chain of periodic dispersion-managed fiber link and its effect on higher order dispersion-managed long-haul wavelength-division multiplexed systems. Journal of Lightwave Technology, 2002, 20, 1895-1907.	2.7	16
157	Broad-band continuously tunable all-fiber DFB lasers. IEEE Photonics Technology Letters, 2002, 14, 21-23.	1.3	29
158	Nonlinearly strain-chirped fiber Bragg grating with an adjustable dispersion slope. IEEE Photonics Technology Letters, 2002, 14, 663-665.	1.3	36
159	Speed limit of all-optical gate switches using cascaded second-order nonlinear effect in quasi-phase-matched LiNbO3 devices. IEEE Photonics Technology Letters, 2002, 14, 1267-1269.	1.3	21
160	Widely tunable optical filters based on fiber Bragg gratings. IEEE Photonics Technology Letters, 2002, 14, 1306-1308.	1.3	44
161	Novel design method for all-optical ultrafast gate switches using cascaded second-order nonlinear effect in quasi-phase matched LiNbO3 devices. IEEE Photonics Technology Letters, 2002, 14, 1409-1411.	1.3	21
162	All-optical polarization-insensitive time-division demultiplexer using a nonlinear optical loop mirror with a pair of short polarization-maintaining fibers. IEEE Photonics Technology Letters, 2002, 14, 1737-1739.	1.3	16

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163	Low-noise multiwavelength transmitter using spectrum-sliced supercontinuum generated from a normal group-velocity dispersion fiber. IEEE Photonics Technology Letters, 2001, 13, 73-75.	1.3	33
164	Feasibility of 100-Gb/s 10000-km single-channel optical transmission by midway optical phase conjugation incorporated with third-order dispersion compensation. IEEE Photonics Technology Letters, 2001, 13, 293-295.	1.3	6
165	A filter-free scheme for orthogonally pumped polarization-insensitive optical phase conjugation of broad-band optical signals. IEEE Photonics Technology Letters, 2001, 13, 481-483.	1.3	4
166	All-optical wavelength conversion of 500-fs pulse trains by using a nonlinear-optical loop mirror composed of a highly nonlinear DSF. IEEE Photonics Technology Letters, 2001, 13, 502-504.	1.3	46
167	Optical sampling system at 1.55 $\mu$ m for the measurement of pulse waveform and phase employing sonogram characterization. IEEE Photonics Technology Letters, 2001, 13, 505-507.	1.3	18
168	Analyses of all-optically regenerated transmission system using nonlinear interferometric switches. IEEE Photonics Technology Letters, 2001, 13, 1020-1022.	1.3	9
169	Experimental verification of Gaussian approximation model of multiple intraband crosstalk in wavelength-division multiplexed networks using recirculating fiber loop. IEEE Photonics Technology Letters, 2001, 13, 1038-1040.	1.3	13
170	Entirely thin-film allpass coupled-cavity filters in a parallel configuration for adjustable dispersion-slope compensation. IEEE Photonics Technology Letters, 2001, 13, 1188-1190.	1.3	12
171	Suppression of idler spectral broadening in highly efficient fiber four-wave mixing by binary-phase-shift-keying modulation of pump wave. IEEE Photonics Technology Letters, 2001, 13, 1328-1330.	1.3	26
172	The realization of all-pass filters for third-order dispersion compensation in ultrafast optical fiber transmission systems. Journal of Lightwave Technology, 2001, 19, 1194-1205.	2.7	24
173	Theory of sonogram characterization of optical pulses. IEEE Journal of Quantum Electronics, 2001, 37, 533-537.	1.0	7
174	N $\times$ N optical cross-connect based on tunable fibre Bragg gratings with high channel scalability. Electronics Letters, 2001, 37, 1402.	0.5	3
175	Frequency-resolved optical cross-correlator for complete and rapid retrieval of waveform and phase of optical pulses at 1.55 $\mu$ m. Electronics Letters, 2001, 37, 311.	0.5	2
176	Layered optical thin-film allpass dispersion equaliser for compensation of dispersion slope of optical fibres. Electronics Letters, 2000, 36, 1139.	0.5	8
177	Highly sensitive frequency-resolved optical gating in 1.55 $\mu$ m region using organic nonlinear optical crystal for second-harmonic generation. Electronics Letters, 2000, 36, 1719.	0.5	5
178	Fourth-order dispersion compensation for 250-fs pulse transmission over 139-km optical fiber. IEEE Photonics Technology Letters, 2000, 12, 795-797.	1.3	27
179	Subpicosecond pulse transmission over 144 km using midway optical phase conjugation via a cascaded second-order process in a LiNbO <sub>3</sub> waveguide. IEEE Photonics Technology Letters, 2000, 12, 1621-1623.	1.3	31
180	Polarization-independent optical demultiplexing by conventional nonlinear optical loop mirror in a polarization-diversity loop configuration. IEEE Photonics Technology Letters, 2000, 12, 1704-1706.	1.3	18

#	ARTICLE	IF	CITATIONS
181	Transmission of 3 ps dispersion-managed soliton pulses over 80 km distance under influence of third-order dispersion. <i>Electronics Letters</i> , 1999, 35, 739.	0.5	10
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