

Chester Shu

List of Publications by Year in descending order

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2521
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#	ARTICLE	IF	CITATIONS
1	Optimum Constellation Size for Probabilistically Shaped Signals in the Presence of Laser Phase Noise. Journal of Lightwave Technology, 2022, 40, 947-953.	2.7	3
2	Generation of Optical Frequency Comb via Cross-Phase Modulation in an SOI Waveguide. , 2022, , .		0
3	One-to-Sixteen Wavelength Multicast of Optical Single-Sideband OFDM Signals Using a Single Pulsed Pump. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-6.	1.9	1
4	Enhanced CSPR for a multichannel Kramersâ€“Kronig receiver by self-seeded stimulated Brillouin scattering. Optics Letters, 2021, 46, 661.	1.7	3
5	Performance Investigation of Learning Rate Decay in LMS-Based Equalization. IEEE Photonics Technology Letters, 2021, 33, 109-112.	1.3	5
6	Viterbi and Viterbi Algorithm based Phase Recovery for Probabilistically Shaped Signals. Journal of Lightwave Technology, 2021, 39, 1364-1370.	2.7	17
7	Interferometric Reduction of Induced Phase Variation in Stimulated Brillouin Processing of Light Waves. IEEE Photonics Technology Letters, 2021, 33, 437-440.	1.3	0
8	Carrier Enhancement for Multichannel Kramersâ€“Kronig Detection via Self-Seeded Brillouin Amplification. , 2021, , .		0
9	Cross Phase Modulation in a SOI Waveguide for Programmable Optical Frequency Comb Generation. , 2021, , .		0
10	Magnification of Slow Light Delay Using Four-Wave Mixing Interferometer on a Silicon Chip. , 2021, , .		0
11	Programmable Schemes on Temporal Waveform Processing of Optical Pulse Trains. Journal of Lightwave Technology, 2020, 38, 339-345.	2.7	8
12	Transmission Impairment Mitigation for Single-Sideband Signals by Optical Phase Conjugation. IEEE Photonics Technology Letters, 2020, 32, 150-153.	1.3	3
13	BOTDA Fiber Sensor System Based on FPGA Accelerated Support Vector Regression. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3826-3837.	2.4	5
14	Multi-Wavelength Optical Sampling with Temporal Lenticular Lens. , 2020, , .		0
15	Cross-Phase Modulation Based Wavelength Multicasting Using a Single High-Repetition-Rate Pulsed Pump Generated from the Temporal Talbot Effect. , 2020, , .		0
16	Tailoring the phase-matching condition of four-wave mixing via Brillouin scattering in a chalcogenide waveguide. , 2020, , .		0
17	112 Gb/s 16-QAM OFDM for 80-km Data Center Interconnects Using Silicon Photonic Integrated Circuits and Kramersâ€“Kronig Detection. Journal of Lightwave Technology, 2019, 37, 3532-3538.	2.7	10
18	High-Performance Time-Interleaved Optical Sampling Based on Temporal Lenticular Lens. IEEE Photonics Technology Letters, 2019, 31, 311-314.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Optical Single-Sideband Generation by Dual-Stage Four-Wave Mixing Bragg Scattering. IEEE Photonics Technology Letters, 2019, 31, 677-680.	1.3	1
20	Fiber-based Temporal Waveform Processor Enabled by Discrete Fourier Transform of Fractional-Rate Modulated Optical Pulse Train. , 2019, , .		0
21	Brillouin Optical Time Domain Analyzer Fiber Sensor Based on FPGA Accelerated Support Vector Regression. , 2019, , .		2
22	High-speed van der Waals heterostructure tunneling photodiodes integrated on silicon nitride waveguides. Optica, 2019, 6, 514.	4.8	26
23	Programmable Schemes on Temporal Processing of Optical Pulses for High-Speed Photonic Subsystems. , 2019, , .		1
24	Optical Phase Conjugation Enhanced Direct Detection with Kramers-Kronig Receiver. , 2019, , .		1
25	Constellation size for probabilistic shaping under the constraint of limited ADC resolution. Optics Letters, 2019, 44, 5820.	1.7	12
26	Enhanced Performance of Wavelength Multicasting by Gain-Transparent Stimulated Brillouin Scattering. IEEE Photonics Technology Letters, 2018, 30, 585-588.	1.3	0
27	Comb Spacing Multiplication Enabled Widely Spaced Flexible Frequency Comb Generation. Journal of Lightwave Technology, 2018, 36, 2651-2659.	2.7	16
28	Compensation of Dispersion-Induced Power Fading in Analog Photonic Links by Gain-Transparent SBS. IEEE Photonics Technology Letters, 2018, 30, 688-691.	1.3	8
29	Reconfigurable Envelope Generation of Optical Pulse Train Based on Discrete Fourier Transform. IEEE Photonics Technology Letters, 2018, 30, 242-245.	1.3	12
30	3 Å– 104 Gb/s Single-Î» Interconnect of Mode-Division Multiplexed Network With a Multicore Fiber. Journal of Lightwave Technology, 2018, 36, 318-324.	2.7	24
31	A silicon nitride waveguide-integrated chemical vapor deposited graphene photodetector with 38 GHz bandwidth. Nanoscale, 2018, 10, 21851-21856.	2.8	20
32	Compact and High-Speed Ge Franz-Keldysh I/Q Modulator Used with Kramers-Kronig Receiver. , 2018, , .		1
33	Integrated germanium-on-silicon Franz-Keldysh vector modulator used with a Kramers-Kronig receiver. Optics Letters, 2018, 43, 4333.	1.7	15
34	Investigation of Four-Wave-Mixing Crosstalk in Phase-Sensitive Fiber Optical Parametric Amplifier. Journal of Lightwave Technology, 2018, 36, 5113-5120.	2.7	13
35	Graphene-on-silicon nitride waveguide photodetector with interdigital contacts. Applied Physics Letters, 2018, 112, 211107.	1.5	37
36	Wide-Spaced Optical Frequency Comb With Programmable Spacing. IEEE Photonics Technology Letters, 2018, 30, 975-978.	1.3	11

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37	Support Vector Machine based Differential Pulse-width Pair Brillouin Optical Time Domain Analyzer. IEEE Photonics Journal, 2018, 10, 1-11.	1.0	21
38	Brillouin optical time domain analyzer sensors assisted by advanced image denoising techniques. Optics Express, 2018, 26, 5126.	1.7	57
39	Carrier regeneration from a blockwise phase-switching signal for a frequency comb-based WDM system. Optics Letters, 2018, 43, 3694.	1.7	1
40	Raman-enhanced optical phase conjugator in WDM transmission systems. Optics Express, 2018, 26, 10274.	1.7	6
41	Negative Frequency-Chirped 112-Gb/s PAM-4 Using an Integrated Germanium Franz-Keldysh Modulator. IEEE Photonics Technology Letters, 2018, 30, 1443-1446.	1.3	7
42	Surpassing the tuning speed limit of slow-light-based tunable optical delay via four-wave mixing Bragg scattering. Optics Letters, 2018, 43, 4212.	1.7	4
43	Kramersâ€™Kronig detection with Brillouin-amplified virtual carrier. Optics Letters, 2018, 43, 1367.	1.7	23
44	High-performance chemical vapor deposited graphene-on-silicon nitride waveguide photodetectors. Optics Letters, 2018, 43, 1399.	1.7	33
45	Dynamic Range Improvement in Fiber Optical Parametric Amplifier With Raman Pumping. IEEE Photonics Technology Letters, 2018, 30, 1159-1162.	1.3	0
46	Performance Comparison and Analysis of Non-local Means and Wavelet Denoising for BOTDA sensor. , 2018, , .		0
47	Processing Differential Brillouin Gain Spectrum by Support Vector Machine in DPP-BOTDA. , 2018, , .		0
48	Optical Add-Drop Filter based on Raman-Assisted Phase-Sensitive Amplifiers. , 2018, , .		0
49	Adjustable repetition-rate multiplication of optical pulses using fractional temporal Talbot effect with preceded binary intensity modulation. Optics Communications, 2017, 391, 16-23.	1.0	14
50	Mode-Division Multiplexing for Silicon Photonic Network-on-Chip. Journal of Lightwave Technology, 2017, 35, 3223-3228.	2.7	86
51	High-Performance Wavelength Multicast With Beat Noise Suppression via Backward Raman Amplification in a Nonlinear Fiber. Journal of Lightwave Technology, 2017, 35, 2587-2592.	2.7	3
52	Self-Oscillating Optical Frequency Comb Based on a Raman-Pumped Brillouin Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2017, 29, 1003-1006.	1.3	8
53	Synergistic Effects of Plasmonics and Electron Trapping in Graphene Short-Wave Infrared Photodetectors with Ultrahigh Responsivity. ACS Nano, 2017, 11, 430-437.	7.3	192
54	Raman-Assisted Phase-Sensitive Amplification Enabled Optical Add-Drop Filter. IEEE Photonics Technology Letters, 2017, 29, 2047-2050.	1.3	2

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55	Ultrafast Temperature Extraction Using Support Vector Machine Based Data Classifier for BOTDA Sensors. , 2017, , .		1
56	Brillouin Optical Time-Domain Analyzer Assisted by Support Vector Machine for Ultrafast Temperature Extraction. Journal of Lightwave Technology, 2017, 35, 4159-4167.	2.7	60
57	Photonic generation of microwave arbitrary waveforms based on gain-transparent SBS-induced phase shift. , 2017, , .		0
58	Mitigation of Kerr-induced nonlinear distortion by superimposing the sidebands of a multiband-CAP signal. , 2017, , .		0
59	Generation of Programmable Envelope in High-Speed Optical Pulse Train by Fractional-Rate Intensity Modulation. , 2017, , .		1
60	Single- λ 312 Gb/s Discrete Multi-Tone Interconnect of Mode-Division Multiplexed Network with a Multicore Fiber. , 2017, , .		1
61	Support vector machine assisted BOTDA utilizing combined Brillouin gain and phase information for enhanced sensing accuracy. Optics Express, 2017, 25, 31210.	1.7	30
62	Cavity-enhanced thermo-optic bistability and hysteresis in a graphene-on-Si ₃ N ₄ ring resonator. Optics Letters, 2017, 42, 1950.	1.7	34
63	SBS-enhanced FWM for polarization division multiplexed signals in coherent communication systems. Optics Letters, 2017, 42, 4271.	1.7	8
64	Crosstalk Mitigation in Multichannel Optical Parametric Sampling via Raman Amplification. IEEE Photonics Technology Letters, 2017, 29, 2272-2275.	1.3	3
65	Photonic assisted microwave waveform generation by gain-transparent SBS-induced carrier processing. Optics Letters, 2017, 42, 3852.	1.7	10
66	Efficient Polarization-Insensitive Four-Wave Mixing Assisted by Raman Amplification. , 2017, , .		0
67	Gain Asymmetry in Saturated Raman-Assisted Fiber Optical Parametric Amplifiers. , 2017, , .		0
68	Crosstalk Mitigation in Polychromatic Sampling via Backward Raman Amplification. , 2017, , .		0
69	Enhanced Thermo-Optic Bistability in Graphene-on-Silicon Nitride Ring Resonators. , 2017, , .		1
70	Cavity-less 50GHz Frequency Comb Generation by Comb Pitch Multiplication. , 2017, , .		0
71	Enhanced performance in serial-to-parallel data conversion via Raman-assisted time lens processing. Optics Letters, 2017, 42, 1939.	1.7	2
72	Raman enhanced polarization-insensitive wavelength conversion based on two-pump four-wave mixing. Optics Express, 2016, 24, 28648.	1.7	2

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73	128-Gb/s Line Rate OFDM Signal Modulation Using an Integrated Silicon Microring Modulator. IEEE Photonics Technology Letters, 2016, 28, 2058-2061.	1.3	23
74	Raman-Enhanced Phase-Sensitive Fibre Optical Parametric Amplifier. Scientific Reports, 2016, 6, 20180.	1.6	8
75	Effective suppression of nonlinear distortion in optical phase conjugation of optical OFDM signals using backward Raman pumping. HKIE Transactions, 2016, 23, 214-221.	1.9	1
76	Brillouin Controlled Phase Matching in Optical Parametric Processing of Coherent Signals. IEEE Photonics Technology Letters, 2016, 28, 2347-2350.	1.3	5
77	Mitigation of Nonlinear Impairment by Coherently Superimposing CAP Sideband Signals. IEEE Photonics Technology Letters, 2016, 28, 2744-2747.	1.3	1
78	High-responsivity graphene-on-silicon slot waveguide photodetectors. Nanoscale, 2016, 8, 13206-13211.	2.8	98
79	Photoresponse of Graphene-on-Silicon Nitride Microring Resonator. , 2016, , .		2
80	Binary Pattern Controlled Optical Pulse-Rate Multiplication Based on Fractional Temporal Self-Imaging Effect. , 2016, , .		0
81	Enhancing Performance of Fiber-based FWM in Coherent Communication System by SBS-Induced Nonlinear Phase. , 2016, , .		0
82	Suppression of Pump Beats in Fiber-Based Wavelength Multicast by Backward Raman Amplification. , 2016, , .		0
83	Reduction of Nonlinear Distortion in Optical Parametric Sampling Using Backward Raman Amplification. , 2016, , .		1
84	Uniformity Improvement in Serial-to-Parallel Data Conversion via Time Lens Processing with Raman Amplification. , 2016, , .		0
85	High Responsivity, Broadband, and Fast Graphene/Silicon Photodetector in Photoconductor Mode. Advanced Optical Materials, 2015, 3, 1207-1214.	3.6	141
86	Graphene photodetector integrated on silicon nitride waveguide. Journal of Applied Physics, 2015, 117, .	1.1	46
87	Advances in Raman-mediated parametric processing in nonlinear fibers. , 2015, , .		0
88	Graphene absorption enhancement using silicon slot waveguides. , 2015, , .		2
89	Graphene on Silicon-on-Sapphire Waveguide Photodetectors. , 2015, , .		2
90	Optical Absorption in Graphene-on-Silicon Nitride Microring Resonators. IEEE Photonics Technology Letters, 2015, 27, 1765-1767.	1.3	37

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91	Crosstalk Reduction by Backward Raman Pumping in Multi-Wavelength Fiber Optical Parametric Amplification. , 2015, , .		2
92	Investigation of Raman-Assisted Crosstalk Reduction in Multi-Wavelength Fiber Optical Parametric Amplification. Journal of Lightwave Technology, 2015, 33, 4746-4751.	2.7	3
93	Raman-Enhanced Phase-Sensitive Fiber Optical Parametric Amplifier. , 2015, , .		3
94	Improving the Nonlinear Tolerance of Fiber-Based Optical Phase Conjugation. IEEE Photonics Technology Letters, 2015, 27, 439-442.	1.3	6
95	All-optical manipulation of non-degenerate FWM conversion bandwidth by gain-transparent SBS. Optics Communications, 2015, 338, 384-387.	1.0	1
96	Relaxation Dynamics of Optically Generated Carriers in Graphene-on-Silicon Nitride Waveguide Devices. , 2015, , .		2
97	Cross-Gain Modulation Suppression in a Raman-Assisted Fiber Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2014, 26, 1360-1363.	1.3	9
98	Control of Saturation Characteristics in a Fiber Optical Parametric Amplifier by Raman Amplification. , 2014, , .		0
99	Phase-sensitive four-wave mixing interferometer. Optics Letters, 2014, 39, 4427.	1.7	6
100	Gain-saturated spectral characteristics in a Raman-assisted fiber optical parametric amplifier. Optics Letters, 2014, 39, 3658.	1.7	5
101	Enhanced performance of polarization-insensitive wavelength conversion by dynamic control of the optical phase. Optics Letters, 2014, 39, 1625.	1.7	1
102	Active control of gain saturation in fiber-optical parametric amplifier using stimulated Brillouin scattering. Optics Letters, 2014, 39, 5713.	1.7	1
103	Extended tunable optical delay using gain-transparent stimulated Brillouin scattering control in four-wave-mixing wavelength conversion. Applied Optics, 2014, 53, 441.	0.9	1
104	Enhanced Tunable Parametric Delay Assisted by Gain-Transparent Stimulated Brillouin Scattering. , 2014, , .		0
105	Nonlinear Interferometer based on Dual-Pump Dual-Signal Four-Wave Mixing. , 2014, , .		0
106	Tailoring of Saturation in Fiber Optical Parametric Amplifier by SBS-Induced Nonlinear Phase. , 2014, , .		0
107	Polarization-Insensitive Phase-Preserving Regenerator Based on a Fiber Optical Parametric Amplifier With Dual Orthogonal Pumps. IEEE Photonics Technology Letters, 2013, 25, 362-364.	1.3	5
108	Dynamic Control of Gain Profile in Fiber-Optical Parametric Amplifier by Gain-Transparent SBS. IEEE Photonics Technology Letters, 2013, 25, 1996-1999.	1.3	4

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109	Cascaded and Multisection Sagnac Interferometers for Scalable and Tunable All-Optical OFDM DEMUX. <i>Journal of Lightwave Technology</i> , 2013, 31, 2307-2313.	2.7	14
110	Dynamic Control of Phase Matching in Four-Wave Mixing Wavelength Conversion of Amplitude- and Phase- Modulated Signals. <i>Journal of Lightwave Technology</i> , 2013, 31, 1468-1474.	2.7	20
111	Distributed Temperature Sensing Using Stimulated-Brillouin-Scattering-Based Slow Light. <i>IEEE Photonics Journal</i> , 2013, 5, 6801808-6801808.	1.0	2
112	Reconfigurable photonic ultrawideband pulse generation from an optically injected semiconductor laser. <i>Optics Letters</i> , 2013, 38, 968.	1.7	4
113	Gain saturation in a Raman-assisted fiber optical parametric amplifier. <i>Optics Letters</i> , 2013, 38, 4405.	1.7	22
114	Demodulation of 20 Gbaud/s differential quadrature phase-shift keying signals using wavelength-tunable silicon microring resonators. <i>Optics Letters</i> , 2012, 37, 3462.	1.7	10
115	Bit-Rate Flexible Demodulation of DPSK Signals Based on Phase Sensitive Gain in Cascaded Four-Wave Mixing. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 994-996.	1.3	3
116	Generation of Multichannel Delayed Pulses by Four-Wave-Mixing-Assisted Stimulated Brillouin Scattering Slow-Light System. <i>IEEE Photonics Journal</i> , 2012, 4, 1203-1211.	1.0	1
117	Bit-Rate-Variable DPSK Demodulation Using Silicon Microring Resonators With Electro-Optic Wavelength Tuning. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1221-1223.	1.3	16
118	Comparison of extinction ratio enhancement of 10 and 40 Gb/s RZ-OOK signals using pump-modulated four-wave mixing in a silicon waveguide. , 2012, , .		0
119	4 Å–10 Gb/s wavelength multicasting with tunable NRZ-to-RZ pulse format conversion using time- and wavelength-interleaved pulses. <i>Optics Communications</i> , 2012, 285, 2525-2529.	1.0	7
120	Polarization insensitive wavelength multicasting of DPSK signal using four-wave mixing in a birefringent photonic crystal fiber. <i>Optics Communications</i> , 2012, 285, 3545-3548.	1.0	4
121	Tunable Optical Delay Between Cascaded Stages of Four-Wave Mixing for DPSK Demodulation from 25 to 40 Gb/s. , 2012, , .		0
122	Amplitude Noise Reduction, Pulse Format Conversion, and Wavelength Multicast of PSK Signal in a Fiber Optical Parametric Amplifier. , 2012, , .		0
123	Reconfigurable OTDM Demultiplexing Using Time- and Wavelength-Interleaved Pulses in an Optical Parametric Amplifier. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1127-1129.	1.3	4
124	All-Optical RZ-to-NRZ and NRZ-to-PRZ Format Conversions Based on Delay-Asymmetric Nonlinear Loop Mirror. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 368-370.	1.3	17
125	Distributed fiber strain sensor using stimulated Brillouin scattering based slow light. , 2011, , .		1
126	Bit-rate variable DPSK demodulation based on cascaded four-wave mixing. <i>Optics Express</i> , 2011, 19, 2952.	1.7	9

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127	Stimulated Brillouin scattering slow-light-based fiber-optic temperature sensor. Optics Letters, 2011, 36, 427.	1.7	20
128	Ultrawideband monocycle pulse generation based on delayed interference of $\pi/2$ phase-shift keying signal. Optics Letters, 2011, 36, 2695.	1.7	12
129	OSNR Monitoring for NRZ-PSK Signals Using Silicon Waveguide Two-Photon Absorption. IEEE Photonics Journal, 2011, 3, 968-974.	1.0	10
130	Demonstration of Distributed Strain Sensing With the Use of Stimulated Brillouin Scattering-Based Slow Light. IEEE Photonics Journal, 2011, 3, 1164-1170.	1.0	5
131	Simultaneous all-optical amplification, inversion and format conversion based on self-induced nonlinear effects in a semiconductor optical amplifier. Microwave and Optical Technology Letters, 2011, 53, 1320-1323.	0.9	0
132	Time- and wavelength-interleaved laser pulses: prospects and challenges in optical signal processing. Proceedings of SPIE, 2011, , .	0.8	1
133	Silicon waveguide side-cladding distributed Bragg reflector hybrid laser. , 2011, , .		1
134	Time- and wavelength-interleaved laser pulses: prospects and challenges in optical signal processing. , 2011, , .		1
135	Cascaded SOA configuration for NRZ-OOK to RZ-QPSK format conversion. Optics Communications, 2010, 283, 4609-4613.	1.0	5
136	Tunable DPSK demodulation using variable optical delay in a straight-line interferometric structure. , 2010, , .		0
137	Performance investigation of processing high-speed optical signals Using time- and wavelength-interleaved pulses and low-speed optoelectronics. , 2010, , .		0
138	All-Optical OTDM-to-WDM Signal Conversion Using Cross-Absorption Modulation With Time- and Wavelength-Interleaved Short Pulses. IEEE Photonics Technology Letters, 2010, 22, 571-573.	1.3	10
139	Wavelength Interchange of Phase-Shift-Keying Signal. IEEE Photonics Technology Letters, 2010, 22, 838-840.	1.3	16
140	Widely Tunable Polarization-Insensitive Nondegenerate Four-Wave Mixing Wavelength Conversion for DPSK Signal. IEEE Photonics Technology Letters, 2010, 22, 1138-1140.	1.3	6
141	Photonic crystal fiber based Mach-Zehnder interferometer for DPSK signal demodulation. Optics Express, 2010, 18, 7917.	1.7	32
142	Reconfigurable two-channel demultiplexing using a single baseband control pulse train in a dispersion asymmetric NOLM. Optics Express, 2010, 18, 18691.	1.7	7
143	Dispersion asymmetric NOLM for reconfigurable all-optical two-channel demultiplexing using single baseband control pulse. , 2010, , .		0
144	Reconfigurable all-optical two-channel demultiplexer based on modified dispersion asymmetric nonlinear optical loop mirror. , 2010, , .		0

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145	Temperature sensing using stimulated Brillouin scattering based slow light. , 2010, , .		3
146	Wideband clock recovery for NRZ-DPSK signals. , 2010, , .		0
147	Polarization-Insensitive Wavelength Multicasting of RZ-DPSK Signal Based on Four-Wave Mixing in a Photonic Crystal Fiber with Residual Birefringence. , 2010, , .		1
148	RZ-to-NRZ and NRZ-to-PRZ Format Conversions using a Photonic Crystal Fiber Based Mach-Zehnder Interferometer. , 2010, , .		1
149	All-optical tunable delay with CSRZ-OOK to RZ-OOK pulse format conversion. , 2009, , .		0
150	Performance Investigation of One-to-Six Wavelength Multicasting of ASKâ€“DPSK Signal in a Highly Nonlinear Bismuth Oxide Fiber. Journal of Lightwave Technology, 2009, 27, 2953-2957.	2.7	22
151	Demodulation of DPSK signals using in-line Mach-Zehnder interferometer based on a photonic crystal fiber. , 2009, , .		0
152	Bismuth oxide fiber-based tunable delay schemes using nonlinear optical processing techniques. , 2009, , .		0
153	Dual-pumped delay-asymmetric nonlinear loop mirror for DPSK demodulation at widely tunable bit rates. , 2009, , .		0
154	Conversion of 40 Gb/s OTDM to 4×10 Gb/s WDM channels with extinction ratio enhancement by pump-modulated four-wave mixing using time- and wavelength-interleaved laser pulses. , 2009, , .		1
155	Polarization-insensitive wideband wavelength conversion for DSPK signal by dual-pump four-wave mixing in a photonic crystal fiber. , 2009, , .		1
156	Polarization-Insensitive Delay-Asymmetric Nonlinear Loop Mirror for Variable Bit-Rate DPSK Demodulation. , 2009, , .		1
157	Optical Signal Processing with Delay-Asymmetric Nonlinear Loop Mirror. , 2009, , .		0
158	Passively harmonic mode-locked erbium-doped fiber soliton laser with a nonlinear polarization rotation. Laser Physics, 2008, 18, 1357-1361.	0.6	67
159	Recent Advances in Optical Processing Techniques Using Highly Nonlinear Bismuth Oxide Fiber. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 587-598.	1.9	22
160	Multiple fiber Bragg grating interrogation based on a spectrum-limited Fourier domain mode-locking fiber laser. Optics Letters, 2008, 33, 1395.	1.7	71
161	Wavelength-transparent, stimulated-Brillouin-scattering slow light using cross-gain-modulation-based wavelength converter and Brillouin fiber laser. Optics Letters, 2008, 33, 2596.	1.7	12
162	Delay-asymmetric nonlinear loop mirror for DPSK demodulation. Optics Letters, 2008, 33, 2845.	1.7	28

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163	Tunable Optical Delay Using Four-Wave Mixing in a 35-cm Highly Nonlinear Bismuth-Oxide Fiber and Group Velocity Dispersion. <i>Journal of Lightwave Technology</i> , 2008, 26, 499-504.	2.7	24
164	Wavelength-Retaining 1 Å– 2 Optical Router for DPSK Signal Using Nonlinear Polarization Rotation in a SOA. , 2008, , .		0
165	Wavelength Multicasting of ASK-DPSK Signal Using Four-Wave Mixing in a 32-cm Highly Nonlinear Bismuth Oxide Fiber. , 2008, , .		1
166	All-Optical Tunable Delay Line for Channel Selection in OTDM Demultiplexing. , 2008, , .		1
167	Highly Nonlinear Bismuth-Oxide Fiber Based Dispersion Imbalanced Loop Mirror for Interferometric Noise Suppression. , 2008, , .		1
168	Wavelength transparent DPSK demodulation using delay-asymmetric nonlinear loop mirror. , 2008, , .		0
169	Tunable Optical delay with signal regeneration using cross-absorption modulation wavelength conversion and chromatic dispersion. , 2008, , .		2
170	Fiber Bragg grating interrogation for a sensing system based on a continuous-wave fourier domain mode locking fiber laser. , 2008, , .		3
171	Wavelength transparent SBS slow light using XGM-wavelength converter and Brillouin fiber laser. , 2008, , .		0
172	40-GS/s all-optical sampling using four-wave mixing with a time- and wavelength-interleaved laser source. , 2008, , .		3
173	Exclusive-OR Gate for RZ-DPSK Signals Using Four-Wave Mixing in a Highly Nonlinear Bismuth-Oxide Fiber. , 2007, , .		2
174	Wideband SBS Slow Light in a Single Mode Fiber Using a Phase-Modulated Pump. , 2007, , .		4
175	40-Gb/s Polarization Multiplexed RZ-ASK-DPSK Signal Wavelength Conversion using a 32-cm Bismuth-Oxide Highly Nonlinear Fiber. , 2007, , .		7
176	Tunable DPSK Wavelength Converter Using an SOA-MZI Monolithically Integrated with a Sampled-Grating Distributed Bragg Reflector. , 2007, , .		2
177	Polarization-Insensitive Wavelength Conversion of DPSK Signal Using Four-Wave Mixing in 32-cm Bismuth-Oxide Highly Nonlinear Fiber. , 2007, , .		4
178	Wideband SBS slow light in a single mode fiber using a phase-modulated pump. , 2007, , .		2
179	Performance Investigation of Tunable Optical Delay for ASK and DPSK Signals Using Four-Wave Mixing Wavelength Conversion in a Bismuth Oxide Highly Nonlinear Fiber. , 2007, , .		3
180	All-Optical ASK-DPSK Signal Regeneration Using a Semiconductor Optical Amplifier. , 2007, , .		0

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181	Spectrally broadened optical pump source via phase modulation for wideband SBS slow light. , 2007, , .		0
182	Tunable dual-wavelength erbium-doped fiber laser stabilized by four-wave mixing in a 35-cm highly nonlinear bismuth-oxide fiber. Optics Express, 2007, 15, 5925.	1.7	39
183	Mode-Locked, Multi-Wavelength Erbium-Doped Fiber Laser with 25 GHz Spacing. , 2007, , .		0
184	Tunable optical delay schemes using all-optical processing in a highly nonlinear bismuth oxide fiber. , 2007, , .		0
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186	Dual-Pump Four-Wave Mixing in Bismuth-Oxide Highly Nonlinear Fiber for Wide-Band DPSK Wavelength Conversion. , 2007, , .		6
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