

Chester Shu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synergistic Effects of Plasmonics and Electron Trapping in Graphene Short-Wave Infrared Photodetectors with Ultrahigh Responsivity. <i>ACS Nano</i> , 2017, 11, 430-437.	7.3	192
2	High Responsivity, Broadband, and Fast Graphene/Silicon Photodetector in Photoconductor Mode. <i>Advanced Optical Materials</i> , 2015, 3, 1207-1214.	3.6	141
3	High-responsivity graphene-on-silicon slot waveguide photodetectors. <i>Nanoscale</i> , 2016, 8, 13206-13211.	2.8	98
4	Polarization-insensitive widely tunable wavelength converter based on four-wave mixing in a dispersion-flattened nonlinear photonic Crystal fiber. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 624-626.	1.3	92
5	Mode-Division Multiplexing for Silicon Photonic Network-on-Chip. <i>Journal of Lightwave Technology</i> , 2017, 35, 3223-3228.	2.7	86
6	Multiple fiber Bragg grating interrogation based on a spectrum-limited Fourier domain mode-locking fiber laser. <i>Optics Letters</i> , 2008, 33, 1395.	1.7	71
7	Passively harmonic mode-locked erbium-doped fiber soliton laser with a nonlinear polarization rotation. <i>Laser Physics</i> , 2008, 18, 1357-1361.	0.6	67
8	Brillouin Optical Time-Domain Analyzer Assisted by Support Vector Machine for Ultrafast Temperature Extraction. <i>Journal of Lightwave Technology</i> , 2017, 35, 4159-4167.	2.7	60
9	Optically controlled Sagnac loop comb filter. <i>Optics Express</i> , 2004, 12, 6335.	1.7	59
10	Brillouin optical time domain analyzer sensors assisted by advanced image denoising techniques. <i>Optics Express</i> , 2018, 26, 5126.	1.7	57
11	Rational harmonic mode locking of an optically triggered fiber laser incorporating a nonlinear optical loop modulator. <i>IEEE Photonics Technology Letters</i> , 2001, 13, 16-18.	1.3	55
12	Depolarization technique for wavelength conversion using four-wave mixing in a dispersion-flattened photonic crystal fiber. <i>Optics Express</i> , 2005, 13, 5409.	1.7	49
13	4\times2.5 GHz Repetitive Photonic Sampler for High-Speed Analog-to-Digital Signal Conversion. <i>IEEE Photonics Technology Letters</i> , 2004, 16, 876-878.	1.3	48
14	Graphene photodetector integrated on silicon nitride waveguide. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	46
15	Multipump Four-Wave Mixing in a Photonic Crystal Fiber for 6\times10 Gb/s Wavelength Multicasting of DPSK Signals. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 1166-1168.	1.3	44
16	Waveband-switchable SOA ring laser constructed with a phase modulator loop mirror filter. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 1393-1395.	1.3	43
17	Spacing-adjustable multi-wavelength source from a stimulated Brillouin scattering assisted erbium-doped fiber laser. <i>Optics Express</i> , 2006, 14, 2618.	1.7	39
18	Tunable dual-wavelength erbium-doped fiber laser stabilized by four-wave mixing in a 35-cm highly nonlinear bismuth-oxide fiber. <i>Optics Express</i> , 2007, 15, 5925.	1.7	39

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19	A Cascadable Approach to Produce Widely Selectable Spectral Spacing in Birefringent Comb Filters. IEEE Photonics Technology Letters, 2006, 18, 1937-1939.	1.3	38
20	Optical Absorption in Graphene-on-Silicon Nitride Microring Resonators. IEEE Photonics Technology Letters, 2015, 27, 1765-1767.	1.3	37
21	Graphene-on-silicon nitride waveguide photodetector with interdigital contacts. Applied Physics Letters, 2018, 112, 211107.	1.5	37
22	Widely tunable wavelength converter using a double-ring fiber laser with a semiconductor optical amplifier. IEEE Photonics Technology Letters, 2002, 14, 1445-1447.	1.3	35
23	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
24	High-performance chemical vapor deposited graphene-on-silicon nitride waveguide photodetectors. Optics Letters, 2018, 43, 1399.	1.7	33
25	Alternate and simultaneous generation of 1-GHz dual-wavelength pulses from an electrically tunable harmonically mode-locked fiber laser. IEEE Photonics Technology Letters, 2000, 12, 624-626.	1.3	32
26	Photonic crystal fiber based Mach-Zehnder interferometer for DPSK signal demodulation. Optics Express, 2010, 18, 7917.	1.7	32
27	Spectral filtering from a cross-phase modulated signal for RZ to NRZ format and wavelength conversion. Optics Express, 2005, 13, 1710.	1.7	31
28	Support vector machine assisted BOTDA utilizing combined Brillouin gain and phase information for enhanced sensing accuracy. Optics Express, 2017, 25, 31210.	1.7	30
29	All-optical signal regeneration with wavelength multicasting at 6½10 Gb/s using a single electroabsorption modulator. Optics Express, 2004, 12, 3050.	1.7	29
30	Delay-asymmetric nonlinear loop mirror for DPSK demodulation. Optics Letters, 2008, 33, 2845.	1.7	28
31	Flat super-continuum generation based on normal dispersion nonlinear photonic crystal fibre. Electronics Letters, 2006, 42, 989.	0.5	27
32	High-speed van der Waals heterostructure tunneling photodiodes integrated on silicon nitride waveguides. Optica, 2019, 6, 514.	4.8	26
33	Single-mode operation characteristics of a self-injection seeded Fabry-Perot laser diode with distributed feedback from a fiber grating. IEEE Photonics Technology Letters, 1997, 9, 1436-1438.	1.3	25
34	A fiber laser for effective generation of tunable single- and dual-wavelength mode-locked optical pulses. Applied Physics Letters, 1998, 72, 1556-1558.	1.5	25
35	Tunable Optical Delay Using Four-Wave Mixing in a 35-cm Highly Nonlinear Bismuth-Oxide Fiber and Group Velocity Dispersion. Journal of Lightwave Technology, 2008, 26, 499-504.	2.7	24
36	3 Å– 104 Gb/s Single-λ Interconnect of Mode-Division Multiplexed Network With a Multicore Fiber. Journal of Lightwave Technology, 2018, 36, 318-324.	2.7	24

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37	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
38	Kramersâ€Kronig detection with Brillouin-amplified virtual carrier. Optics Letters, 2018, 43, 1367.	1.7	23
39	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
40	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
41	Gain saturation in a Raman-assisted fiber optical parametric amplifier. Optics Letters, 2013, 38, 4405.	1.7	22
42	Tunable dual-wavelength picosecond pulse generation using multiple-optical-path self-seeding approach. IEEE Photonics Technology Letters, 1997, 9, 1211-1213.	1.3	21
43	Characteristics of dispersion-tuning in harmonically mode-locked fiber laser. IEEE Photonics Technology Letters, 1998, 10, 1106-1108.	1.3	21
44	Widely tunable wavelength conversion with extinction ratio enhancement using PCF-based NOLM. IEEE Photonics Technology Letters, 2005, 17, 2655-2657.	1.3	21
45	Support Vector Machine based Differential Pulse-width Pair Brillouin Optical Time Domain Analyzer. IEEE Photonics Journal, 2018, 10, 1-11.	1.0	21
46	Stimulated Brillouin scattering slow-light-based fiber-optic temperature sensor. Optics Letters, 2011, 36, 427.	1.7	20
47	Dynamic Control of Phase Matching in Four-Wave Mixing Wavelength Conversion of Amplitude- and Phase- Modulated Signals. Journal of Lightwave Technology, 2013, 31, 1468-1474.	2.7	20
48	A silicon nitride waveguide-integrated chemical vapor deposited graphene photodetector with 38 GHz bandwidth. Nanoscale, 2018, 10, 21851-21856.	2.8	20
49	Optimized operation of self-seeded gain-switched laser diode for electrically wavelength-tunable singlemode pulses. IEEE Photonics Technology Letters, 1995, 7, 275-277.	1.3	19
50	Subharmonic Pulse-Gating in Self-Seeded Laser Diodes for Time- and Wavelength-Interleaved Picosecond Pulse Generation. IEEE Journal of Quantum Electronics, 2004, 40, 205-213.	1.0	18
51	Effective generation of tunable single- and multiwavelength optical pulses from a Fabry-Perot laser diode. IEEE Photonics Technology Letters, 1997, 9, 1214-1216.	1.3	17
52	All-Optical RZ-to-NRZ and NRZ-to-PRZ Format Conversions Based on Delay-Asymmetric Nonlinear Loop Mirror. IEEE Photonics Technology Letters, 2011, 23, 368-370.	1.3	17
53	Viterbi and Viterbi Algorithm based Phase Recovery for Probabilistically Shaped Signals. Journal of Lightwave Technology, 2021, 39, 1364-1370.	2.7	17
54	All-optical wavelength multicasting with extinction ratio enhancement using pump-modulated four-wave mixing in a dispersion-flattened nonlinear photonic crystal fiber. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 838-842.	1.9	16

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55	Wavelength Interchange of Phase-Shift-Keying Signal. IEEE Photonics Technology Letters, 2010, 22, 838-840.	1.3	16
56	Bit-Rate-Variable DPSK Demodulation Using Silicon Microring Resonators With Electro-Optic Wavelength Tuning. IEEE Photonics Technology Letters, 2012, 24, 1221-1223.	1.3	16
57	Comb Spacing Multiplication Enabled Widely Spaced Flexible Frequency Comb Generation. Journal of Lightwave Technology, 2018, 36, 2651-2659.	2.7	16
58	Integrated germanium-on-silicon Franzâ€“Keldysh vector modulator used with a Kramersâ€“Kronig receiver. Optics Letters, 2018, 43, 4333.	1.7	15
59	Switching-wavelength pulse source constructed from a dispersion-managed SOA fiber ring laser. IEEE Photonics Technology Letters, 2003, 15, 513-515.	1.3	14
60	Extinction ratio improvement by pump-modulated four-wave mixing in a dispersion-flattened nonlinear photonic crystal fiber. Optics Express, 2005, 13, 8900.	1.7	14
61	Cascaded and Multisection Sagnac Interferometers for Scalable and Tunable All-Optical OFDM DEMUX. Journal of Lightwave Technology, 2013, 31, 2307-2313.	2.7	14
62	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
63	Stable and widely tunable dual-wavelength continuous-wave operation of a semiconductor laser in a novel Fabry-Perot grating-lens external cavity. IEEE Journal of Quantum Electronics, 1997, 33, 1832-1838.	1.0	13
64	Wavelength tuning of 1/2-rational harmonically mode-locked pulses in a cavity-dispersive fiber laser. Applied Physics Letters, 1998, 73, 3483-3485.	1.5	13
65	Compensated dispersion tuning in harmonically mode-locked fiber laser. Applied Physics Letters, 1999, 75, 891-893.	1.5	13
66	Spectrally resolved analysis of fast tuning in single-mode pulses generated from mutually injection-seeded Fabry-Perot laser diodes. IEEE Photonics Technology Letters, 2000, 12, 1444-1446.	1.3	13
67	Efficient direct locking of colliding pulse mode-locked lasers on semi-insulating substrate at 1.5 μ m. IEEE Photonics Technology Letters, 2002, 14, 1049-1051.	1.3	13
68	Optical generation of amplitude-equalized pulses from a rational harmonic mode-locked fiber laser incorporating an SOA loop modulator. IEEE Photonics Technology Letters, 2003, 15, 21-23.	1.3	13
69	Investigation of Four-Wave-Mixing Crosstalk in Phase-Sensitive Fiber Optical Parametric Amplifier. Journal of Lightwave Technology, 2018, 36, 5113-5120.	2.7	13
70	Wavelength-tunable nearly transform-limited pulses generated by self-injection seeding of a laser diode at an arbitrary repetition rate. IEEE Photonics Technology Letters, 1997, 9, 590-592.	1.3	12
71	Multiwavelength self-seeded Fabry-Perot laser with subharmonic pulse-gating for two-dimensional fiber optic-CDMA. IEEE Photonics Technology Letters, 2001, 13, 1361-1363.	1.3	12
72	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

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73	Ultrawideband monocycle pulse generation based on delayed interference of $\pi/2$ phase-shift keying signal. <i>Optics Letters</i> , 2011, 36, 2695.	1.7	12
74	Reconfigurable Envelope Generation of Optical Pulse Train Based on Discrete Fourier Transform. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 242-245.	1.3	12
75	Constellation size for probabilistic shaping under the constraint of limited ADC resolution. <i>Optics Letters</i> , 2019, 44, 5820.	1.7	12
76	High-performance InP/Ga _{0.47} In _{0.53} As/InP metal-semiconductor-metal photodetectors with a strained Al _{0.1} In _{0.9} P barrier enhancement layer. <i>Applied Physics Letters</i> , 1995, 67, 1715-1717.	1.5	11
77	Fast wavelength-tunable multichannel switching using a self-injection seeding scheme. <i>IEEE Journal of Quantum Electronics</i> , 1999, 35, 228-233.	1.0	11
78	Electrically wavelength-tunable pulses generated by synchronous two-way injection seeding. <i>IEEE Photonics Technology Letters</i> , 1999, 11, 170-172.	1.3	11
79	All-optical RZ-to-NRZ data format conversion using spectral broadening effect in a dispersion-shifted fiber. <i>Optics Communications</i> , 2006, 263, 152-155.	1.0	11
80	Wide-Spaced Optical Frequency Comb With Programmable Spacing. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 975-978.	1.3	11
81	Optical loop mirror multiplexer. <i>IEEE Photonics Technology Letters</i> , 1995, 7, 1444-1446.	1.3	10
82	Discrete fringe pattern to reduce the resolution limit for white light interferometry. <i>Optics Communications</i> , 1999, 162, 187-190.	1.0	10
83	Electrically wavelength-tunable picosecond pulses generated from a self-seeded laser diode using a compensated dispersion-tuning approach. <i>IEEE Photonics Technology Letters</i> , 1999, 11, 1093-1095.	1.3	10
84	Widely tunable all-optical wavelength converter using a fiber ring cavity incorporating a semiconductor optical amplifier. <i>Optics Communications</i> , 2002, 203, 101-106.	1.0	10
85	All-Optical OTDM-to-WDM Signal Conversion Using Cross-Absorption Modulation With Time- and Wavelength-Interleaved Short Pulses. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 571-573.	1.3	10
86	OSNR Monitoring for NRZ-PSK Signals Using Silicon Waveguide Two-Photon Absorption. <i>IEEE Photonics Journal</i> , 2011, 3, 968-974.	1.0	10
87	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
88	112 Gb/s 16-QAM OFDM for 80-km Data Center Interconnects Using Silicon Photonic Integrated Circuits and Kramers-Kronig Detection. <i>Journal of Lightwave Technology</i> , 2019, 37, 3532-3538.	2.7	10
89	Photonic assisted microwave waveform generation by gain-transparent SBS-induced carrier processing. <i>Optics Letters</i> , 2017, 42, 3852.	1.7	10
90	Optoelectronic generation of time-division multiplexed ultrafast bit stream on a coplanar waveguide. <i>Applied Physics Letters</i> , 1990, 57, 2897-2898.	1.5	9

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91	Picosecond photoconductive response of polycrystalline silicon thin films. Applied Physics Letters, 1990, 57, 64-66.	1.5	9
92	Bit-rate variable DPSK demodulation based on cascaded four-wave mixing. Optics Express, 2011, 19, 2952.	1.7	9
93	Cross-Gain Modulation Suppression in a Raman-Assisted Fiber Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2014, 26, 1360-1363.	1.3	9
94	Harmonically mode-locked fiber laser with optically selectable wavelength. IEEE Photonics Technology Letters, 2002, 14, 771-773.	1.3	8
95	Raman-Enhanced Phase-Sensitive Fibre Optical Parametric Amplifier. Scientific Reports, 2016, 6, 20180.	1.6	8
96	Self-Oscillating Optical Frequency Comb Based on a Raman-Pumped Brillouin Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2017, 29, 1003-1006.	1.3	8
97	SBS-enhanced FWM for polarization division multiplexed signals in coherent communication systems. Optics Letters, 2017, 42, 4271.	1.7	8
98	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
99	Programmable Schemes on Temporal Waveform Processing of Optical Pulse Trains. Journal of Lightwave Technology, 2020, 38, 339-345.	2.7	8
100	High speed GaAs optoelectronic exclusive-OR gate. Electronics Letters, 1994, 30, 81-83.	0.5	7
101	Selectable dual-wavelength pulses generated from a laser diode using external feedback from a two-chromatic fiber grating. Applied Physics Letters, 1998, 73, 2402-2404.	1.5	7
102	Repetition rate multiplication of multi-wavelength pulses by spectral elimination with a birefringence loop mirror filter. Optics Express, 2005, 13, 4752.	1.7	7
103	10 GHz pulses generated across a ~100 nm tuning range using a gain-shifted mode-locked SOA ring laser. Optics Express, 2006, 14, 2158.	1.7	7
104	40-Gb/s Polarization Multiplexed RZ-ASK-DPSK Signal Wavelength Conversion using a 32-cm Bismuth-Oxide Highly Nonlinear Fiber. , 2007, , .		7
105	Reconfigurable two-channel demultiplexing using a single baseband control pulse train in a dispersion asymmetric NOLM. Optics Express, 2010, 18, 18691.	1.7	7
106	4Å–10Gb/s wavelength multicasting with tunable NRZ-to-RZ pulse format conversion using time- and wavelength-interleaved pulses. Optics Communications, 2012, 285, 2525-2529.	1.0	7
107	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
108	Multiple optical paths in a self-seeding scheme for multiwavelength short pulse generation. Applied Physics Letters, 1997, 71, 1305-1307.	1.5	6

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109	Self-compensated dispersion tuning of a mode-locked fiber laser using a linearly chirped fiber grating. IEEE Photonics Technology Letters, 2001, 13, 106-108.	1.3	6
110	Higher order repetition rate multiplication for multiwavelength pulsed source. IEEE Photonics Technology Letters, 2006, 18, 466-468.	1.3	6
111	Dual-Pump Four-Wave Mixing in Bismuth-Oxide Highly Nonlinear Fiber for Wide-Band DPSK Wavelength Conversion. , 2007, , .		6
112	Widely Tunable Polarization-Insensitive Nondegenerate Four-Wave Mixing Wavelength Conversion for DPSK Signal. IEEE Photonics Technology Letters, 2010, 22, 1138-1140.	1.3	6
113	Phase-sensitive four-wave mixing interferometer. Optics Letters, 2014, 39, 4427.	1.7	6
114	Improving the Nonlinear Tolerance of Fiber-Based Optical Phase Conjugation. IEEE Photonics Technology Letters, 2015, 27, 439-442.	1.3	6
115	Raman-enhanced optical phase conjugator in WDM transmission systems. Optics Express, 2018, 26, 10274.	1.7	6
116	Propagation characteristics of picosecond electrical pulses on a periodically loaded coplanar waveguide. IEEE Transactions on Microwave Theory and Techniques, 1991, 39, 930-936.	2.9	5
117	Efficient generation of wavelength-tunable single-mode pulses at 1.3 and 1.55 μm by a simplified approach of self-injection seeding. IEEE Photonics Technology Letters, 1996, 8, 1154-1156.	1.3	5
118	All-optical wavelength switching in a semiconductor laser using self-seeding and external injection-seeding. Applied Physics Letters, 1998, 72, 1024-1026.	1.5	5
119	<title>All-optical wavelength conversion using active semiconductor devices</title> . , 2001, , .		5
120	All-optical control of clock frequency division using injection-locked Fabry-Pérot laser diode. Electronics Letters, 2003, 39, 1136.	0.5	5
121	Self-starting picosecond optical pulse source using stimulated Brillouin scattering in an optical fiber. Optics Express, 2005, 13, 1328.	1.7	5
122	Optical pumping of a semiconductor optical amplifier for wide-band noninverting wavelength conversion. IEEE Photonics Technology Letters, 2005, 17, 1905-1907.	1.3	5
123	46\$,imes,\$2.5 GHz Mode-Locked Erbium-Doped Fiber Laser With 25-GHz Spacing. IEEE Photonics Technology Letters, 2007, 19, 1871-1873.	1.3	5
124	Cascaded SOA configuration for NRZ-OOK to RZ-QPSK format conversion. Optics Communications, 2010, 283, 4609-4613.	1.0	5
125	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
126	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

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127	Gain-saturated spectral characteristics in a Raman-assisted fiber optical parametric amplifier. Optics Letters, 2014, 39, 3658.	1.7	5
128	Brillouin Controlled Phase Matching in Optical Parametric Processing of Coherent Signals. IEEE Photonics Technology Letters, 2016, 28, 2347-2350.	1.3	5
129	BOTDA Fiber Sensor System Based on FPGA Accelerated Support Vector Regression. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3826-3837.	2.4	5
130	Performance Investigation of Learning Rate Decay in LMS-Based Equalization. IEEE Photonics Technology Letters, 2021, 33, 109-112.	1.3	5
131	Switching dynamics between single-mode and dual-mode pulse emissions from a self-seeded laser diode. Applied Physics Letters, 2000, 76, 276-278.	1.5	4
132	Performance improvements in high-frequency modulation of a laser diode under enhanced optical feedback. IEEE Photonics Technology Letters, 2002, 14, 1650-1652.	1.3	4
133	Wavelength-selectable injection-locking scheme for multiwavelength 10-GHz optical pulse generation. IEEE Photonics Technology Letters, 2005, 17, 1953-1955.	1.3	4
134	Wideband SBS Slow Light in a Single Mode Fiber Using a Phase-Modulated Pump. , 2007, , .		4
135	Polarization-Insensitive Wavelength Conversion of DPSK Signal Using Four-Wave Mixing in 32-cm Bismuth-Oxide Highly Nonlinear Fiber. , 2007, , .		4
136	Reconfigurable OTDM Demultiplexing Using Time- and Wavelength-Interleaved Pulses in an Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2011, 23, 1127-1129.	1.3	4
137	Polarization insensitive wavelength multicasting of DPSK signal using four-wave mixing in a birefringent photonic crystal fiber. Optics Communications, 2012, 285, 3545-3548.	1.0	4
138	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
139	Reconfigurable photonic ultrawideband pulse generation from an optically injected semiconductor laser. Optics Letters, 2013, 38, 968.	1.7	4
140	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
141	High-Performance Time-Interleaved Optical Sampling Based on Temporal Lenticular Lens. IEEE Photonics Technology Letters, 2019, 31, 311-314.	1.3	4
142	Terahertz optical pulse generation with a simple encoding scheme using spatial slicing technique. Applied Physics Letters, 2001, 78, 1041-1043.	1.5	3
143	Polarisation-insensitive widely tunable wavelength converter using polarisation-diversified SOA fibre-ring laser. Electronics Letters, 2003, 39, 96.	0.5	3
144	20GHz nearly transform-limited switching-wavelength pulsed source for wavelength-division signal sampling. Optics Communications, 2005, 251, 149-153.	1.0	3

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145	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
146	Fiber Bragg grating interrogation for a sensing system based on a continuous-wave fourier domain mode locking fiber laser. , 2008, , .		3
147	Temperature sensing using stimulated Brillouin scattering based slow light. , 2010, , .		3
148	Bit-Rate Flexible Demodulation of DPSK Signals Based on Phase Sensitive Gain in Cascaded Four-Wave Mixing. IEEE Photonics Technology Letters, 2012, 24, 994-996.	1.3	3
149	Investigation of Raman-Assisted Crosstalk Reduction in Multi-Wavelength Fiber Optical Parametric Amplification. Journal of Lightwave Technology, 2015, 33, 4746-4751.	2.7	3
150	Raman-Enhanced Phase-Sensitive Fiber Optical Parametric Amplifier. , 2015, , .		3
151	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
152	Crosstalk Mitigation in Multichannel Optical Parametric Sampling via Raman Amplification. IEEE Photonics Technology Letters, 2017, 29, 2272-2275.	1.3	3
153	Transmission Impairment Mitigation for Single-Sideband Signals by Optical Phase Conjugation. IEEE Photonics Technology Letters, 2020, 32, 150-153.	1.3	3
154	Enhanced CSPR for a multichannel Kramersâ€™Kronig receiver by self-seeded stimulated Brillouin scattering. Optics Letters, 2021, 46, 661.	1.7	3
155	40-GS/s all-optical sampling using four-wave mixing with a time- and wavelength-interleaved laser source. , 2008, , .		3
156	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
157	Optical matrix for clock distribution and synchronous operation in twoâ€dimensional array devices. Applied Physics Letters, 1996, 68, 3528-3530.	1.5	2
158	External-pump-free polarization-insensitive wavelength converter with fast wavelength switching using orthogonal pumps four-wave mixing in a semiconductor optical amplifier. IEEE Journal of Selected Topics in Quantum Electronics, 2004, 10, 1197-1202.	1.9	2
159	Tunable Pulse Delay Using Four-Wave Mixing in a 35-cm Bismuth Oxide Highly Nonlinear Fiber and Dispersion in a Chirped Fiber Bragg Grating. , 2006, , .		2
160	Exclusive-OR Gate for RZ-DPSK Signals Using Four-Wave Mixing in a Highly Nonlinear Bismuth-Oxide Fiber. , 2007, , .		2
161	Tunable DPSK Wavelength Converter Using an SOA-MZI Monolithically Integrated with a Sampled-Grating Distributed Bragg Reflector. , 2007, , .		2
162	Wideband SBS slow light in a single mode fiber using a phase-modulated pump. , 2007, , .		2

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163	All-optical ASK-DPSK signal regeneration using a semiconductor optical amplifier. , 2007, , .		2
164	Tunable Optical delay with signal regeneration using cross-absorption modulation wavelength conversion and chromatic dispersion. , 2008, , .		2
165	Distributed Temperature Sensing Using Stimulated-Brillouin-Scattering-Based Slow Light. IEEE Photonics Journal, 2013, 5, 6801808-6801808.	1.0	2
166	Graphene absorption enhancement using silicon slot waveguides. , 2015, , .		2
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168	Crosstalk Reduction by Backward Raman Pumping in Multi-Wavelength Fiber Optical Parametric Amplification. , 2015, , .		2
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