

# Mable P Fok

## List of Publications by Year in descending order

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184  
papers

2,477  
citations

201674

27  
h-index

243625

44  
g-index

184  
all docs

184  
docs citations

184  
times ranked

1598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects and applications of photonic neural networks. <i>Advances in Physics: X</i> , 2022, 7, .	4.1	54
2	Prediction of 12 Photonic Crystal Fiber Optical Properties Using MLP in Deep Learning. <i>IEEE Photonics Technology Letters</i> , 2022, 34, 391-394.	2.5	14
3	Biomimicry in Microwave Photonic and Fiber Optic Sensors Embedded Soft Robotics. , 2022, , .		0
4	Bioinspired Photonics: Camouflage Strategies from Marine Hatchetfish for Optical RF Steganography. , 2021, , .		0
5	Data-Driven Complementary Power Measurement for Microwave Instantaneous Frequency Estimation. , 2021, , .		1
6	Optical Analog Noise Encryption With Adaptive Recovery of Two-Dimensional Keys. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 1185-1188.	2.5	1
7	Bio-inspired photonics " marine hatchetfish camouflage strategies for RF steganography. <i>Optics Express</i> , 2021, 29, 2587.	3.4	6
8	Bio-Inspired Photonics and Microwave Photonics for Dynamic and Smart RF Systems. , 2021, , .		0
9	Adaptive and Dynamic RF Systems Enabled by Bio-Inspired Photonics and Microwave Photonics. , 2021, , .		0
10	Adaptive Photonic Microwave Instantaneous Frequency Estimation Using Machine Learning. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 1511-1514.	2.5	7
11	Movement Detection in Soft Robotic Gripper Using Sinusoidally Embedded Fiber Optic Sensor. <i>Sensors</i> , 2020, 20, 1312.	3.8	17
12	A Review: Neural-Inspired Photonic Functional Systems for Dynamic RF Signal Processing. <i>Journal of Lightwave Technology</i> , 2020, 38, 5318-5326.	4.6	2
13	Ultrafast and Wideband Microwave Photonic Frequency-Hopping Systems: A Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 521.	2.5	15
14	Special Issue "Microwave Photonics 2018". <i>Applied Sciences (Switzerland)</i> , 2020, 10, 674.	2.5	0
15	Real-Time RF Multi-Dimensional Signal Switching Using Polarization-Dependent Optical Mixing. <i>IEEE Photonics Journal</i> , 2020, 12, 1-8.	2.0	3
16	Adaptive photonic RF spectral shaper. <i>Optics Express</i> , 2020, 28, 24789.	3.4	6
17	Twining plant inspired pneumatic soft robotic spiral gripper with a fiber optic twisting sensor. <i>Optics Express</i> , 2020, 28, 35158.	3.4	22
18	Adaptive over-the-air RF self-interference cancellation using a signal-of-interest driven regular triangle algorithm. <i>Optics Letters</i> , 2020, 45, 1264.	3.3	7

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19	Hybrid wideband multipath self-interference cancellation with an LMS pre-adaptive filter for in-band full-duplex OFDM signal transmission. <i>Optics Letters</i> , 2020, 45, 6382.	3.3	13
20	Self-adaptive over-the-air RF self-interference cancellation based on signal-of-interest driven regular triangle algorithm. , 2020, , .		0
21	Twining Plant Inspired Pneumatic Soft Robotic Spiral Gripper with High-Birefringence Fiber Optic Sensor. , 2020, , .		0
22	Adaptive Microwave Photonic Spectral Shaper for RF Response Tailoring. , 2020, , .		0
23	Photonic implementation of a highly reconfigurable wideband RF spectral shaper. <i>Optics Communications</i> , 2019, 445, 111-118.	2.1	3
24	Neuromorphic Photonics for RF Signal Processing. , 2019, , .		1
25	Real-time Temporal Signal Stitching Using Polarization-Dependent Optical Wave Mixing. , 2019, , .		1
26	Reconfigurable microwave photonic spectral shaper. , 2019, , .		1
27	Dual-function Frequency and Doppler Shift Measurement System Using a Phase Modulator Incorporated Lyot Filter. , 2019, , .		2
28	Dynamic and multiband RF spectral processing. , 2019, , .		3
29	Reconfigurable RF Multiband Filter With Widely Tunable Passbands Based on Cascaded Optical Interferometric Filters. <i>Journal of Lightwave Technology</i> , 2018, 36, 2933-2940.	4.6	24
30	Biomimetic photonics: jamming avoidance system in <i>Eigenmannia</i> . <i>Optics Express</i> , 2018, 26, 13349.	3.4	9
31	Stretchable fiber-Bragg-grating-based sensor. <i>Optics Letters</i> , 2018, 43, 2503.	3.3	42
32	Stretchable multi-function fiber sensor for tension, bending and torsion sensing. , 2018, , .		1
33	Microwave photonic multiband filter with independently tunable passband spectral properties. <i>Optics Letters</i> , 2018, 43, 5685.	3.3	18
34	Cardiovascular Catheter With an Expandable Origami Structure. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2017, 11, .	0.7	6
35	Optically Controlled Fast Reconfigurable Microwave Photonic Dual-Band Filter Based on Nonlinear Polarization Rotation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 253-259.	4.6	17
36	Temperature-Insensitive Contact Force Sensing in Bi-Directional Catheter Using Fiber Bragg Grating Pair. <i>IEEE Sensors Journal</i> , 2017, 17, 5118-5122.	4.7	7

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37	Dual-layer orthogonal fiber Bragg grating mesh based soft sensor for 3-dimensional shape sensing. Optics Express, 2017, 25, 24727.	3.4	49
38	Tunable Multiband Microwave Photonic Filters. Photonics, 2017, 4, 45.	2.0	27
39	A Two-Phase Coverage-Enhancing Algorithm for Hybrid Wireless Sensor Networks. Sensors, 2017, 17, 117.	3.8	26
40	Continuously tunable and reconfigurable microwave photonic multiband filter based on cascaded MZIs. , 2017, , .		4
41	Fast Dynamic In-band RF Self-Interference Cancellation for Enabling Efficient Spectral Usage. , 2017, , .		7
42	3-Dimensional Soft Shape Sensor based on Dual-layer Orthogonal Fiber Bragg Grating Mesh. , 2017, , .		3
43	Bio-Inspired Optical Microwave Phase Lock Loop based on Nonlinear Effects in Semiconductor Optical Amplifier. , 2017, , .		2
44	Intracardiac Magnetic Resonance Imaging Catheter With Origami Deployable Mechanisms <sup>1</sup> . Journal of Medical Devices, Transactions of the ASME, 2016, 10, .	0.7	13
45	Temperature-Insensitive Fiber-Optic Contact Force Sensor for Steerable Catheters. IEEE Sensors Journal, 2016, 16, 4771-4775.	4.7	16
46	Bidirectional Soft Silicone Curvature Sensor Based on Off-Centered Embedded Fiber Bragg Grating. IEEE Photonics Technology Letters, 2016, 28, 2237-2240.	2.5	71
47	Photonic Implementation of Spike-Timing-Dependent Plasticity and Learning Algorithms of Biological Neural Systems. Journal of Lightwave Technology, 2016, 34, 470-476.	4.6	39
48	Simultaneous 12-passband microwave photonic multiband filter with reconfigurable passband frequency. , 2016, , .		3
49	Optically controlled microwave photonic dual-band filter with ultrafast reconfigurable capability. , 2016, , .		1
50	Wideband Dynamic Microwave Photonic Systems: From Photonics to Neuromorphic. , 2016, , .		0
51	A Photonic RF Jamming Avoidance Response System bio-inspired by Eigenmannia. , 2016, , .		4
52	Passband switchable microwave photonic multiband filter. Scientific Reports, 2015, 5, 15882.	3.3	50
53	Ultra High-Speed Radio Frequency Switch Based on Photonics. Scientific Reports, 2015, 5, 17263.	3.3	26
54	Gigabit Ethernet signal transmission using asynchronous optical code division multiple access. Optics Letters, 2015, 40, 5854.	3.3	6

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55	Simultaneously mitigating self-heating induced distortion and chirp effect of DML in TWDM-PON system using nonlinear modulation curve of EAM. , 2015, , .		0
56	Microwave Photonic Mixer Based on Polarization Rotation and Polarization-Dependent Modulation. IEEE Photonics Technology Letters, 2015, 27, 2453-2456.	2.5	10
57	High-speed tunable microwave photonic notch filter based on phase modulator incorporated Lyot filter. Optics Letters, 2015, 40, 48.	3.3	29
58	Photonic implementation of a neuronal algorithm applicable towards angle of arrival detection and localization. Optics Express, 2015, 23, 16133.	3.4	33
59	Bit rate transparent interferometric noise mitigation utilizing the nonlinear modulation curve of electro-absorption modulator. Optics Express, 2015, 23, 22572.	3.4	1
60	Photonic Implementation of a Neuronal Learning Algorithm based on Spike Timing Dependent Plasticity. , 2015, , .		5
61	Tunable second-order, birefringent interferometric filter for dynamic chirp management. Applied Optics, 2015, 54, 4104.	2.1	0
62	Frequency Band Selectable Microwave Photonic Multiband Bandpass Filter based on Lyot filter. , 2015, , .		6
63	High-speed tunable microwave photonic notch filter based on phase modulator incorporated loop mirror filter. , 2015, , .		5
64	Microwave Photonics Mixer based on Polarization Rotation in Semiconductor Optical Amplifier. , 2015, , .		0
65	A Reconfigurable High-Order UWB Signal Generation Scheme Using RSOA-MZI Structure. IEEE Photonics Journal, 2014, 6, 1-7.	2.0	11
66	High-speed wavelength tunable DPSK demodulation using a phase modulator based loop mirror filter. Optics Letters, 2014, 39, 3500.	3.3	8
67	Spiral-structured fiber Bragg grating for contact force sensing through direct power measurement. Optics Express, 2014, 22, 10439.	3.4	16
68	Rayleigh backscattering noise suppression based on real-time heterodyne receiver for loop-back WDM-PON. Optics Express, 2014, 22, 22673.	3.4	0
69	Wideband co-site interference cancellation based on hybrid electrical and optical techniques. Optics Letters, 2014, 39, 6537.	3.3	61
70	Suppression of Rayleigh backscattering noise using cascaded-SOA and microwave photonic filter for 10 Gb/s loop-back WDM-PON. Optics Express, 2014, 22, 11770.	3.4	12
71	MRI-conditional catheter sensor for contact force and temperature monitoring during cardiac electrophysiological procedures. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P150.	3.3	10
72	Augmented Reality for Improving Catheterization in Magnetic Resonance Imaging-Guided Cardiac Electrophysiology Therapy1. Journal of Medical Devices, Transactions of the ASME, 2014, 8, .	0.7	4

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73	Broadband co-site and co-channel RF interference cancellation system. , 2014, , .		0
74	Mitigating Rayleigh Backscattering Noise in WDM-PON by Using Cascaded SOAs and Microwave Photonic Filter. , 2014, , .		1
75	Intelligent THz photonic processor for interconnection networks based on spike timing dependent plasticity. , 2013, , .		1
76	Highly Scalable Adaptive Photonic Beamformer Using a Single Mode to Multimode Optical Combiner. IEEE Microwave and Wireless Components Letters, 2013, 23, 563-565.	3.2	10
77	The DREAM: An Integrated Photonic Thresholder. Journal of Lightwave Technology, 2013, 31, 1263-1272.	4.6	27
78	Optical Analog Self-Interference Cancellation Using Electro-Absorption Modulators. IEEE Microwave and Wireless Components Letters, 2013, 23, 99-101.	3.2	90
79	Optical steganography based on amplified spontaneous emission noise. Optics Express, 2013, 21, 2065.	3.4	84
80	Pulse lead/lag timing detection for adaptive feedback and control based on optical spike-timing-dependent plasticity. Optics Letters, 2013, 38, 419.	3.3	48
81	A single source microwave photonic filter using a novel single-mode fiber to multimode fiber coupling technique. Optics Express, 2013, 21, 5585.	3.4	14
82	Compact and low-latency instantaneous frequency measurement using 38 $\mu$ m bismuth-oxide fiber and fiber Bragg gratings. Applied Optics, 2013, 52, 5659.	1.8	3
83	Exploring excitability in graphene for spike processing networks. , 2013, , .		10
84	A Timing Jitter Insensitive Logic Gate Using Tunable Gain Dynamics in an SOA and Optical Thresholding. , 2013, , .		0
85	Asynchronous spiking photonic neuron for lightwave neuromorphic signal processing. Optics Letters, 2012, 37, 3309.	3.3	25
86	Photonic microwave finite impulse response filter using a spectrally sliced supercontinuum source. Applied Optics, 2012, 51, 4265.	1.8	8
87	A dual resonator enhanced asymmetric Mach-Zehnder: Ultrafast passive thresholder for silicon-on-insulator. , 2012, , .		2
88	Power Transfer Function Tailoring in a Highly Ge-Doped Nonlinear Interferometer-Based All-Optical Thresholder Using Offset-Spectral Filtering. IEEE Photonics Journal, 2012, 4, 528-534.	2.0	15
89	Asynchronous Spiking Neuron Based on Four-Wave Mixing and Cross Absorption Modulation. , 2012, , .		1
90	Lightwave neuromorphic signal processing. , 2011, , .		3

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91	Optical Layer Security in Fiber-Optic Networks. IEEE Transactions on Information Forensics and Security, 2011, 6, 725-736.	6.9	286
92	All-optical XOR gate with optical feedback using highly Ge-doped nonlinear fiber and a terahertz optical asymmetric demultiplexer. Applied Optics, 2011, 50, 237.	2.1	9
93	Ultrafast All-Optical Implementation of a Leaky Integrate-and-Fire Neuron. Optics Express, 2011, 19, 2133.	3.4	82
94	Signal feature recognition based on lightwave neuromorphic signal processing. Optics Letters, 2011, 36, 19.	3.3	28
95	Signal beating elimination using single-mode fiber to multimode fiber coupling. Optics Letters, 2011, 36, 4578.	3.3	13
96	Optical hybrid analog-digital signal processing based on spike processing in neurons. Proceedings of SPIE, 2011, , .	0.8	1
97	Experimental demonstration of bandwidth provisioning in a heterogeneous optical CDMA system transporting gigabit Ethernet traffic. , 2011, , .		0
98	Polarization Insensitive Cross-Phase Modulation in 10.5-m Highly Ge-Doped Nonlinear Fiber. , 2011, , .		0
99	Experimental Characterization of Simultaneous Gain Pumping and Depletion in a Semiconductor Optical Amplifier. , 2011, , .		1
100	Four-Wave Mixing in Highly Ge-Doped Nonlinear Fiber. , 2010, , .		0
101	All-Optical XOR Gate with Feedback using Highly Ge-Doped Nonlinear Fiber. , 2010, , .		1
102	A photonic neuromorphic computational primitive for complex high bandwidth signal processing. , 2010, , .		0
103	Lightwave Neuromorphic Signal Processing [In The Spotlight. IEEE Signal Processing Magazine, 2010, , .	5.6	5
104	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.	2.5	10
105	Polarization Effect on Optical xor Performance Based on Four-Wave Mixing. IEEE Photonics Technology Letters, 2010, 22, 1096-1098.	2.5	17
106	Improving the privacy of optical steganography with temporal phase masks. Optics Express, 2010, 18, 6079.	3.4	26
107	Asynchronous detection of optical code division multiple access signals using a bandwidth-efficient and wavelength-aware receiver. Optics Letters, 2010, 35, 1097.	3.3	4
108	All-optical code routing in interconnected optical CDMA and WDM ring networks. Optics Letters, 2010, 35, 3628.	3.3	2

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109	Demonstration and Analysis of Asynchronous and Survivable Optical CDMA Ring Networks. Journal of Optical Communications and Networking, 2010, 2, 159.	4.8	12
110	Heterogeneous optical CDMA with near-far mitigation. , 2010, , .		0
111	Bit-Rate Tunable Clock Recovery of NRZ-DPSK Signal Based on Delay-Asymmetric Nonlinear Loop Mirror and Stimulated Brillouin Scattering Loop. , 2010, , .		0
112	Improving Optical Steganography Transmission Privacy by Imposing Phase Masks on Stealth Signals. , 2010, , .		0
113	Asynchronous and Packetized Transmission in Optical CDMA Distributed Sensor Network. , 2010, , .		1
114	Optical Auto-Correlation Peak Discriminator For Optical CDMA Signal Detection. , 2009, , .		1
115	All-Optical Encryption for Optical Network with Interleaved Waveband Switching Modulation. , 2009, , .		1
116	Physical layer network security based on optical processing using compact passive devices. , 2009, , .		1
117	All-optical tunable delay with CSRZ-OOK to RZ-OOK pulse format conversion. , 2009, , .		0
118	Multiple Access Interference and Interferometric Noise Suppression Using Dispersion Imbalanced Loop Mirror in Optical CDMA Networks. , 2009, , .		1
119	Compact and low-latency scheme for optical steganography using chirped fibre Bragg gratings. Electronics Letters, 2009, 45, 179.	1.0	33
120	All-Optical Asynchronous Detection for a Compact Integrable Incoherent Optical CDMA System. Journal of Lightwave Technology, 2009, 27, 5370-5375.	4.6	23
121	Truly-asynchronous, scalable and survivable optical CDMA networks with heterogeneous QoS. , 2009, , .		3
122	All-optical encryption based on interleaved waveband switching modulation for optical network security. Optics Letters, 2009, 34, 1315.	3.3	32
123	Experimental demonstration of an all-optical fiber-based Fredkin gate. Optics Letters, 2009, 34, 2766.	3.3	46
124	A compact nonlinear fiber-based optical autocorrelation peak discriminator. Optics Express, 2009, 17, 9918.	3.4	6
125	A high performanceâ€”photonic pulse processing device. Optics Express, 2009, 17, 22767.	3.4	82
126	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.	4.6	22



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127	Interferometric Noise Characterization and Suppression in Optical CDMA Networks. IEEE Photonics Technology Letters, 2009, 21, 981-983.	2.5	8
128	Bismuth oxide fiber-based tunable delay schemes using nonlinear optical processing techniques. , 2009, , .		0
129	Asynchronous detection with clock and data recovery in optical CDMA networks using a dispersion-imbalanced loop mirror. , 2009, , .		0
130	Dual-pumped delay-asymmetric nonlinear loop mirror for DPSK demodulation at widely tunable bit rates. , 2009, , .		0
131	Optical steganography for data hiding in optical networks. , 2009, , .		9
132	Optical Steganography Using Chirped Fiber Bragg Grating. , 2009, , .		1
133	All-Optical Multi-Wavelength Extinction Ratio Enhancement via Pump-Modulated Four-Wave Mixing. , 2009, , .		3
134	Polarization-Insensitive Delay-Asymmetric Nonlinear Loop Mirror for Variable Bit-Rate DPSK Demodulation. , 2009, , .		1
135	Physical layer security in fiber-optic networks using optical signal processing. , 2009, , .		9
136	Optical Signal Processing with Delay-Asymmetric Nonlinear Loop Mirror. , 2009, , .		0
137	Simultaneous Conversion of 40 Gb/s OTDM to 4 Å– 10 Gb/s WDM Signals Using a Time- and Wavelength-Interleaved Pulsed Source. , 2009, , .		3
138	Recent Advances in Optical Processing Techniques Using Highly Nonlinear Bismuth Oxide Fiber. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 587-598.	2.9	22
139	Low-latency nonlinear fiber-based approach for data encryption and anti-jamming in optical network. , 2008, , .		5
140	Wavelength-transparent, stimulated-Brillouin-scattering slow light using cross-gain-modulation-based wavelength converter and Brillouin fiber laser. Optics Letters, 2008, 33, 2596.	3.3	12
141	Delay-asymmetric nonlinear loop mirror for DPSK demodulation. Optics Letters, 2008, 33, 2845.	3.3	28
142	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.	4.6	24
143	Providing Network Security with Optical Signal Processing. , 2008, , .		4
144	Securing data networks using optical signal processing. , 2008, , .		15

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145	Wavelength-Retaining 1 Å— 2 Optical Router for DPSK Signal Using Nonlinear Polarization Rotation in a SOA. , 2008, , .		0
146	Wavelength Multicasting of ASK-DPSK Signal Using Four-Wave Mixing in a 32-cm Highly Nonlinear Bismuth Oxide Fiber. , 2008, , .		1
147	All-Optical Tunable Delay Line for Channel Selection in OTDM Demultiplexing. , 2008, , .		1
148	Highly Nonlinear Bismuth-Oxide Fiber Based Dispersion Imbalanced Loop Mirror for Interferometric Noise Suppression. , 2008, , .		1
149	Wavelength transparent DPSK demodulation using delay-asymmetric nonlinear loop mirror. , 2008, , .		0
150	Using Optical Signal Processing to Provide Information Security in Data Networks. , 2008, , .		1
151	Tunable Optical delay with signal regeneration using cross-absorption modulation wavelength conversion and chromatic dispersion. , 2008, , .		2
152	Wavelength transparent SBS slow light using XGM-wavelength converter and Brillouin fiber laser. , 2008, , .		0
153	18-nm, 10-GHz Continuously Wavelength-Tunable Pulse Generation by Compensated Dispersion Tuning in a Mode-Locked SOA Ring Laser. , 2008, , .		0
154	40-GS/s all-optical sampling using four-wave mixing with a time- and wavelength-interleaved laser source. , 2008, , .		3
155	Exclusive-OR Gate for RZ-DPSK Signals Using Four-Wave Mixing in a Highly Nonlinear Bismuth-Oxide Fiber. , 2007, , .		2
156	Wideband SBS Slow Light in a Single Mode Fiber Using a Phase-Modulated Pump. , 2007, , .		4
157	40-Gb/s Polarization Multiplexed RZ-ASK-DPSK Signal Wavelength Conversion using a 32-cm Bismuth-Oxide Highly Nonlinear Fiber. , 2007, , .		7
158	Tunable DPSK Wavelength Converter Using an SOA-MZI Monolithically Integrated with a Sampled-Grating Distributed Bragg Reflector. , 2007, , .		2
159	Polarization-Insensitive Wavelength Conversion of DPSK Signal Using Four-Wave Mixing in 32-cm Bismuth-Oxide Highly Nonlinear Fiber. , 2007, , .		4
160	Wideband SBS slow light in a single mode fiber using a phase-modulated pump. , 2007, , .		2
161	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
162	All-Optical ASK-DPSK Signal Regeneration Using a Semiconductor Optical Amplifier. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
163	Spectrally broadened optical pump source via phase modulation for wideband SBS slow light. , 2007, , .		0
164	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.	3.4	39
165	Tunable optical delay schemes using all-optical processing in a highly nonlinear bismuth oxide fiber. , 2007, , .		0
166	All-optical ASK-DPSK signal regeneration using a semiconductor optical amplifier. , 2007, , .		2
167	Dual-Pump Four-Wave Mixing in Bismuth-Oxide Highly Nonlinear Fiber for Wide-Band DPSK Wavelength Conversion. , 2007, , .		6
168	Multipump Four-Wave Mixing in a Photonic Crystal Fiber for $6 \times 10$ Gb/s Wavelength Multicasting of DPSK Signals. IEEE Photonics Technology Letters, 2007, 19, 1166-1168.	2.5	44
169	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
170	Higher order repetition rate multiplication for multiwavelength pulsed source. IEEE Photonics Technology Letters, 2006, 18, 466-468.	2.5	6
171	A Cascadable Approach to Produce Widely Selectable Spectral Spacing in Birefringent Comb Filters. IEEE Photonics Technology Letters, 2006, 18, 1937-1939.	2.5	38
172	10 GHz pulses generated across a ~100 nm tuning range using a gain-shifted mode-locked SOA ring laser. Optics Express, 2006, 14, 2158.	3.4	7
173	Spacing-adjustable multi-wavelength source from a stimulated Brillouin scattering assisted erbium-doped fiber laser. Optics Express, 2006, 14, 2618.	3.4	39
174	Bandwidth enhanced multi-wavelength source from an SBS-assisted fiber ring laser using four-wave mixing in a highly nonlinear bismuth oxide fiber. , 2006, , .		1
175	Wavelength multicasting of DPSK signal using four-wave mixing in a dispersion-flattened highly nonlinear photonic crystal fiber. , 2006, , .		1
176	DPSK signal extinction ratio enhancement using four-wave mixing in a highly nonlinear photonic crystal fiber. , 2006, , .		0
177	All-Optical Amplitude Noise Reduction for DPSK Signal Using Pump-Modulated Four-Wave Mixing in a Semiconductor Optical Amplifier. , 2006, , .		1
178	Multi-Pump Four-Wave Mixing in a Semiconductor Optical Amplifier for Wavelength Multicast of NRZ-DPSK Signals. , 2006, , .		0
179	Nonlinear Optical Approaches for the Generation of Multi-Wavelength Outputs from Fiber Lasers. , 2006, , .		1
180	Repetition rate multiplication of multi-wavelength pulses by spectral elimination with a birefringence loop mirror filter. Optics Express, 2005, 13, 4752.	3.4	7

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181	Waveband-switchable SOA ring laser constructed with a phase modulator loop mirror filter. IEEE Photonics Technology Letters, 2005, 17, 1393-1395.	2.5	43
182	Wavelength-selectable injection-locking scheme for multiwavelength 10-GHz optical pulse generation. IEEE Photonics Technology Letters, 2005, 17, 1953-1955.	2.5	4
183	4<math>\times</math>2.5 GHz Repetitive Photonic Sampler for High-Speed Analog-to-Digital Signal Conversion. IEEE Photonics Technology Letters, 2004, 16, 876-878.	2.5	48
184	Optically controlled Sagnac loop comb filter. Optics Express, 2004, 12, 6335.	3.4	59