

Mable P Fok

List of Publications by Year in descending order

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184
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citations

201674

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44
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184
all docs

184
docs citations

184
times ranked

1598
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Layer Security in Fiber-Optic Networks. IEEE Transactions on Information Forensics and Security, 2011, 6, 725-736.	6.9	286
2	Optical Analog Self-Interference Cancellation Using Electro-Absorption Modulators. IEEE Microwave and Wireless Components Letters, 2013, 23, 99-101.	3.2	90
3	Optical steganography based on amplified spontaneous emission noise. Optics Express, 2013, 21, 2065.	3.4	84
4	A high performance photonic pulse processing device. Optics Express, 2009, 17, 22767.	3.4	82
5	Ultrafast All-Optical Implementation of a Leaky Integrate-and-Fire Neuron. Optics Express, 2011, 19, 2133.	3.4	82
6	Bidirectional Soft Silicone Curvature Sensor Based on Off-Centered Embedded Fiber Bragg Grating. IEEE Photonics Technology Letters, 2016, 28, 2237-2240.	2.5	71
7	Wideband co-site interference cancellation based on hybrid electrical and optical techniques. Optics Letters, 2014, 39, 6537.	3.3	61
8	Optically controlled Sagnac loop comb filter. Optics Express, 2004, 12, 6335.	3.4	59
9	Prospects and applications of photonic neural networks. Advances in Physics: X, 2022, 7, .	4.1	54
10	Passband switchable microwave photonic multiband filter. Scientific Reports, 2015, 5, 15882.	3.3	50
11	Dual-layer orthogonal fiber Bragg grating mesh based soft sensor for 3-dimensional shape sensing. Optics Express, 2017, 25, 24727.	3.4	49
12	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
13	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
14	Experimental demonstration of an all-optical fiber-based Fredkin gate. Optics Letters, 2009, 34, 2766.	3.3	46
15	Multipump Four-Wave Mixing in a Photonic Crystal Fiber for 60 Gb/s Wavelength Multicasting of DPSK Signals. IEEE Photonics Technology Letters, 2007, 19, 1166-1168.	2.5	44
16	Waveband-switchable SOA ring laser constructed with a phase modulator loop mirror filter. IEEE Photonics Technology Letters, 2005, 17, 1393-1395.	2.5	43
17	Stretchable fiber-Bragg-grating-based sensor. Optics Letters, 2018, 43, 2503.	3.3	42
18	Spacing-adjustable multi-wavelength source from a stimulated Brillouin scattering assisted erbium-doped fiber laser. Optics Express, 2006, 14, 2618.	3.4	39

#	ARTICLE	IF	CITATIONS
19	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.	3.4	39
20	Photonic Implementation of Spike-Timing-Dependent Plasticity and Learning Algorithms of Biological Neural Systems. <i>Journal of Lightwave Technology</i> , 2016, 34, 470-476.	4.6	39
21	A Cascadable Approach to Produce Widely Selectable Spectral Spacing in Birefringent Comb Filters. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 1937-1939.	2.5	38
22	Compact and low-latency scheme for optical steganography using chirped fibre Bragg gratings. <i>Electronics Letters</i> , 2009, 45, 179.	1.0	33
23	Photonic implementation of a neuronal algorithm applicable towards angle of arrival detection and localization. <i>Optics Express</i> , 2015, 23, 16133.	3.4	33
24	All-optical encryption based on interleaved waveband switching modulation for optical network security. <i>Optics Letters</i> , 2009, 34, 1315.	3.3	32
25	High-speed tunable microwave photonic notch filter based on phase modulator incorporated Lyot filter. <i>Optics Letters</i> , 2015, 40, 48.	3.3	29
26	Delay-asymmetric nonlinear loop mirror for DPSK demodulation. <i>Optics Letters</i> , 2008, 33, 2845.	3.3	28
27	Signal feature recognition based on lightwave neuromorphic signal processing. <i>Optics Letters</i> , 2011, 36, 19.	3.3	28
28	The DREAM: An Integrated Photonic Thresholder. <i>Journal of Lightwave Technology</i> , 2013, 31, 1263-1272.	4.6	27
29	Tunable Multiband Microwave Photonic Filters. <i>Photonics</i> , 2017, 4, 45.	2.0	27
30	Improving the privacy of optical steganography with temporal phase masks. <i>Optics Express</i> , 2010, 18, 6079.	3.4	26
31	Ultra High-Speed Radio Frequency Switch Based on Photonics. <i>Scientific Reports</i> , 2015, 5, 17263.	3.3	26
32	A Two-Phase Coverage-Enhancing Algorithm for Hybrid Wireless Sensor Networks. <i>Sensors</i> , 2017, 17, 117.	3.8	26
33	Asynchronous spiking photonic neuron for lightwave neuromorphic signal processing. <i>Optics Letters</i> , 2012, 37, 3309.	3.3	25
34	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.	4.6	24
35	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
36	All-Optical Asynchronous Detection for a Compact Integrable Incoherent Optical CDMA System. <i>Journal of Lightwave Technology</i> , 2009, 27, 5370-5375.	4.6	23

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37	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
38	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
39	Twining plant inspired pneumatic soft robotic spiral gripper with a fiber optic twisting sensor. Optics Express, 2020, 28, 35158.	3.4	22
40	Microwave photonic multiband filter with independently tunable passband spectral properties. Optics Letters, 2018, 43, 5685.	3.3	18
41	Polarization Effect on Optical xor Performance Based on Four-Wave Mixing. IEEE Photonics Technology Letters, 2010, 22, 1096-1098.	2.5	17
42	Optically Controlled Fast Reconfigurable Microwave Photonic Dual-Band Filter Based on Nonlinear Polarization Rotation. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 253-259.	4.6	17
43	Movement Detection in Soft Robotic Gripper Using Sinusoidally Embedded Fiber Optic Sensor. Sensors, 2020, 20, 1312.	3.8	17
44	Spiral-structured fiber Bragg grating for contact force sensing through direct power measurement. Optics Express, 2014, 22, 10439.	3.4	16
45	Temperature-Insensitive Fiber-Optic Contact Force Sensor for Steerable Catheters. IEEE Sensors Journal, 2016, 16, 4771-4775.	4.7	16
46	Securing data networks using optical signal processing. , 2008, , .		15
47	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
48	Ultrafast and Wideband Microwave Photonic Frequency-Hopping Systems: A Review. Applied Sciences (Switzerland), 2020, 10, 521.	2.5	15
49	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
50	Prediction of 12 Photonic Crystal Fiber Optical Properties Using MLP in Deep Learning. IEEE Photonics Technology Letters, 2022, 34, 391-394.	2.5	14
51	Signal beating elimination using single-mode fiber to multimode fiber coupling. Optics Letters, 2011, 36, 4578.	3.3	13
52	Intracardiac Magnetic Resonance Imaging Catheter With Origami Deployable Mechanisms ¹ . Journal of Medical Devices, Transactions of the ASME, 2016, 10, .	0.7	13
53	Hybrid wideband multipath self-interference cancellation with an LMS pre-adaptive filter for in-band full-duplex OFDM signal transmission. Optics Letters, 2020, 45, 6382.	3.3	13
54	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

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55	Demonstration and Analysis of Asynchronous and Survivable Optical CDMA Ring Networks. Journal of Optical Communications and Networking, 2010, 2, 159.	4.8	12
56	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
57	A Reconfigurable High-Order UWB Signal Generation Scheme Using RSOA-MZI Structure. IEEE Photonics Journal, 2014, 6, 1-7.	2.0	11
58	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
59	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
60	Exploring excitability in graphene for spike processing networks. , 2013, , .		10
61	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
62	Microwave Photonic Mixer Based on Polarization Rotation and Polarization-Dependent Modulation. IEEE Photonics Technology Letters, 2015, 27, 2453-2456.	2.5	10
63	Optical steganography for data hiding in optical networks. , 2009, , .		9
64	Physical layer security in fiber-optic networks using optical signal processing. , 2009, , .		9
65	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
66	Biomimetic photonics: jamming avoidance system in Eigenmannia. Optics Express, 2018, 26, 13349.	3.4	9
67	Interferometric Noise Characterization and Suppression in Optical CDMA Networks. IEEE Photonics Technology Letters, 2009, 21, 981-983.	2.5	8
68	Photonic microwave finite impulse response filter using a spectrally sliced supercontinuum source. Applied Optics, 2012, 51, 4265.	1.8	8
69	High-speed wavelength tunable DPSK demodulation using a phase modulator based loop mirror filter. Optics Letters, 2014, 39, 3500.	3.3	8
70	Repetition rate multiplication of multi-wavelength pulses by spectral elimination with a birefringence loop mirror filter. Optics Express, 2005, 13, 4752.	3.4	7
71	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
72	40-Gb/s Polarization Multiplexed RZ-ASK-DPSK Signal Wavelength Conversion using a 32-cm Bismuth-Oxide Highly Nonlinear Fiber. , 2007, , .		7

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73	Temperature-Insensitive Contact Force Sensing in Bi-Directional Catheter Using Fiber Bragg Grating Pair. IEEE Sensors Journal, 2017, 17, 5118-5122.	4.7	7
74	Adaptive over-the-air RF self-interference cancellation using a signal-of-interest driven regular triangle algorithm. Optics Letters, 2020, 45, 1264.	3.3	7
75	Fast Dynamic In-band RF Self-Interference Cancellation for Enabling Efficient Spectral Usage. , 2017, , .		7
76	Adaptive Photonic Microwave Instantaneous Frequency Estimation Using Machine Learning. IEEE Photonics Technology Letters, 2021, 33, 1511-1514.	2.5	7
77	Higher order repetition rate multiplication for multiwavelength pulsed source. IEEE Photonics Technology Letters, 2006, 18, 466-468.	2.5	6
78	Dual-Pump Four-Wave Mixing in Bismuth-Oxide Highly Nonlinear Fiber for Wide-Band DPSK Wavelength Conversion. , 2007, , .		6
79	A compact nonlinear fiber-based optical autocorrelation peak discriminator. Optics Express, 2009, 17, 9918.	3.4	6
80	Gigabit Ethernet signal transmission using asynchronous optical code division multiple access. Optics Letters, 2015, 40, 5854.	3.3	6
81	Frequency Band Selectable Microwave Photonic Multiband Bandpass Filter based on Lyot filter. , 2015, , .		6
82	Cardiovascular Catheter With an Expandable Origami Structure. Journal of Medical Devices, Transactions of the ASME, 2017, 11, .	0.7	6
83	Bio-inspired photonics “ marine hatchetfish camouflage strategies for RF steganography. Optics Express, 2021, 29, 2587.	3.4	6
84	Adaptive photonic RF spectral shaper. Optics Express, 2020, 28, 24789.	3.4	6
85	Low-latency nonlinear fiber-based approach for data encryption and anti-jamming in optical network. , 2008, , .		5
86	Lightwave Neuromorphic Signal Processing [In The Spotlight. IEEE Signal Processing Magazine, 2010, , .	5.6	5
87	Photonic Implementation of a Neuronal Learning Algorithm based on Spike Timing Dependent Plasticity. , 2015, , .		5
88	High-speed tunable microwave photonic notch filter based on phase modulator incorporated loop mirror filter. , 2015, , .		5
89	Wavelength-selectable injection-locking scheme for multiwavelength 10-GHz optical pulse generation. IEEE Photonics Technology Letters, 2005, 17, 1953-1955.	2.5	4
90	Wideband SBS Slow Light in a Single Mode Fiber Using a Phase-Modulated Pump. , 2007, , .		4

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91	Polarization-Insensitive Wavelength Conversion of DPSK Signal Using Four-Wave Mixing in 32-cm Bismuth-Oxide Highly Nonlinear Fiber. , 2007, , .		4
92	Providing Network Security with Optical Signal Processing. , 2008, , .		4
93	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
94	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
95	Continuously tunable and reconfigurable microwave photonic multiband filter based on cascaded MZIs. , 2017, , .		4
96	A Photonic RF Jamming Avoidance Response System bio-inspired by Eigenmannia. , 2016, , .		4
97	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
98	Truly-asynchronous, scalable and survivable optical CDMA networks with heterogeneous QoS. , 2009, , .		3
99	All-Optical Multi-Wavelength Extinction Ratio Enhancement via Pump-Modulated Four-Wave Mixing. , 2009, , .		3
100	Lightwave neuromorphic signal processing. , 2011, , .		3
101	Compact and low-latency instantaneous frequency measurement using 38Åcm bismuth-oxide fiber and fiber Bragg gratings. Applied Optics, 2013, 52, 5659.	1.8	3
102	Photonic implementation of a highly reconfigurable wideband RF spectral shaper. Optics Communications, 2019, 445, 111-118.	2.1	3
103	Real-Time RF Multi-Dimensional Signal Switching Using Polarization-Dependent Optical Mixing. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	3
104	Simultaneous 12-passband microwave photonic multiband filter with reconfigurable passband frequency. , 2016, , .		3
105	40-GS/s all-optical sampling using four-wave mixing with a time- and wavelength-interleaved laser source. , 2008, , .		3
106	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
107	3-Dimensional Soft Shape Sensor based on Dual-layer Orthogonal Fiber Bragg Grating Mesh. , 2017, , .		3
108	Dynamic and multiband RF spectral processing. , 2019, , .		3

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109	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
110	Exclusive-OR Gate for RZ-DPSK Signals Using Four-Wave Mixing in a Highly Nonlinear Bismuth-Oxide Fiber. , 2007, , .		2
111	Tunable DPSK Wavelength Converter Using an SOA-MZI Monolithically Integrated with a Sampled-Grating Distributed Bragg Reflector. , 2007, , .		2
112	Wideband SBS slow light in a single mode fiber using a phase-modulated pump. , 2007, , .		2
113	All-optical ASK-DPSK signal regeneration using a semiconductor optical amplifier. , 2007, , .		2
114	Tunable Optical delay with signal regeneration using cross-absorption modulation wavelength conversion and chromatic dispersion. , 2008, , .		2
115	All-optical code routing in interconnected optical CDMA and WDM ring networks. Optics Letters, 2010, 35, 3628.	3.3	2
116	A dual resonator enhanced asymmetric Mach-Zehnder: Ultrafast passive threshold for silicon-on-insulator. , 2012, , .		2
117	A Review: Neural-Inspired Photonic Functional Systems for Dynamic RF Signal Processing. Journal of Lightwave Technology, 2020, 38, 5318-5326.	4.6	2
118	Bio-Inspired Optical Microwave Phase Lock Loop based on Nonlinear Effects in Semiconductor Optical Amplifier. , 2017, , .		2
119	Dual-function Frequency and Doppler Shift Measurement System Using a Phase Modulator Incorporated Lyot Filter. , 2019, , .		2
120	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
121	Wavelength multicasting of DPSK signal using four-wave mixing in a dispersion-flattened highly nonlinear photonic crystal fiber. , 2006, , .		1
122	All-Optical Amplitude Noise Reduction for DPSK Signal Using Pump-Modulated Four-Wave Mixing in a Semiconductor Optical Amplifier. , 2006, , .		1
123	Wavelength Multicasting of ASK-DPSK Signal Using Four-Wave Mixing in a 32-cm Highly Nonlinear Bismuth Oxide Fiber. , 2008, , .		1
124	All-Optical Tunable Delay Line for Channel Selection in OTDM Demultiplexing. , 2008, , .		1
125	Highly Nonlinear Bismuth-Oxide Fiber Based Dispersion Imbalanced Loop Mirror for Interferometric Noise Suppression. , 2008, , .		1
126	Using Optical Signal Processing to Provide Information Security in Data Networks. , 2008, , .		1

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127	Optical Auto-Correlation Peak Discriminator For Optical CDMA Signal Detection. , 2009, , .		1
128	All-Optical Encryption for Optical Network with Interleaved Waveband Switching Modulation. , 2009, , .		1
129	Physical layer network security based on optical processing using compact passive devices. , 2009, , .		1
130	Multiple Access Interference and Interferometric Noise Suppression Using Dispersion Imbalanced Loop Mirror in Optical CDMA Networks. , 2009, , .		1
131	Optical Steganography Using Chirped Fiber Bragg Grating. , 2009, , .		1
132	Polarization-Insensitive Delay-Asymmetric Nonlinear Loop Mirror for Variable Bit-Rate DPSK Demodulation. , 2009, , .		1
133	All-Optical XOR Gate with Feedback using Highly Ge-Doped Nonlinear Fiber. , 2010, , .		1
134	Optical hybrid analog-digital signal processing based on spike processing in neurons. Proceedings of SPIE, 2011, , .	0.8	1
135	Intelligent THz photonic processor for interconnection networks based on spike timing dependent plasticity. , 2013, , .		1
136	Bit rate transparent interferometric noise mitigation utilizing the nonlinear modulation curve of electro-absorption modulator. Optics Express, 2015, 23, 22572.	3.4	1
137	Neuromorphic Photonics for RF Signal Processing. , 2019, , .		1
138	Data-Driven Complementary Power Measurement for Microwave Instantaneous Frequency Estimation. , 2021, , .		1
139	Optical Analog Noise Encryption With Adaptive Recovery of Two-Dimensional Keys. IEEE Photonics Technology Letters, 2021, 33, 1185-1188.	2.5	1
140	Stretchable multi-function fiber sensor for tension, bending and torsion sensing. , 2018, , .		1
141	Nonlinear Optical Approaches for the Generation of Multi-Wavelength Outputs from Fiber Lasers. , 2006, , .		1
142	Asynchronous and Packetized Transmission in Optical CDMA Distributed Sensor Network. , 2010, , .		1
143	Experimental Characterization of Simultaneous Gain Pumping and Depletion in a Semiconductor Optical Amplifier. , 2011, , .		1
144	Asynchronous Spiking Neuron Based on Four-Wave Mixing and Cross Absorption Modulation. , 2012, , .		1

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145	Mitigating Rayleigh Backscattering Noise in WDM-PON by Using Cascaded SOAs and Microwave Photonic Filter. , 2014, , .		1
146	Optically controlled microwave photonic dual-band filter with ultrafast reconfigurable capability. , 2016, , .		1
147	Real-time Temporal Signal Stitching Using Polarization-Dependent Optical Wave Mixing. , 2019, , .		1
148	Reconfigurable microwave photonic spectral shaper. , 2019, , .		1
149	DPSK signal extinction ratio enhancement using four-wave mixing in a highly nonlinear photonic crystal fiber. , 2006, , .		0
150	All-Optical ASK-DPSK Signal Regeneration Using a Semiconductor Optical Amplifier. , 2007, , .		0
151	Spectrally broadened optical pump source via phase modulation for wideband SBS slow light. , 2007, , .		0
152	Tunable optical delay schemes using all-optical processing in a highly nonlinear bismuth oxide fiber. , 2007, , .		0
153	Wavelength-Retaining 1 Å– 2 Optical Router for DPSK Signal Using Nonlinear Polarization Rotation in a SOA. , 2008, , .		0
154	Wavelength transparent DPSK demodulation using delay-asymmetric nonlinear loop mirror. , 2008, , .		0
155	Wavelength transparent SBS slow light using XGM-wavelength converter and Brillouin fiber laser. , 2008, , .		0
156	All-optical tunable delay with CSRR-OOK to RZ-OOK pulse format conversion. , 2009, , .		0
157	Bismuth oxide fiber-based tunable delay schemes using nonlinear optical processing techniques. , 2009, , .		0
158	Asynchronous detection with clock and data recovery in optical CDMA networks using a dispersion-imbalanced loop mirror. , 2009, , .		0
159	Dual-pumped delay-asymmetric nonlinear loop mirror for DPSK demodulation at widely tunable bit rates. , 2009, , .		0
160	Four-Wave Mixing in Highly Ge-Doped Nonlinear Fiber. , 2010, , .		0
161	A photonic neuromorphic computational primitive for complex high bandwidth signal processing. , 2010, , .		0
162	Heterogeneous optical CDMA with near-far mitigation. , 2010, , .		0

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163	Experimental demonstration of bandwidth provisioning in a heterogeneous optical CDMA system transporting gigabit Ethernet traffic. , 2011, , .		0
164	A Timing Jitter Insensitive Logic Gate Using Tunable Gain Dynamics in an SOA and Optical Thresholding. , 2013, , .		0
165	Rayleigh backscattering noise suppression based on real-time heterodyne receiver for loop-back WDM-PON. Optics Express, 2014, 22, 22673.	3.4	0
166	Simultaneously mitigating self-heating induced distortion and chirp effect of DML in TWDM-PON system using nonlinear modulation curve of EAM. , 2015, , .		0
167	Tunable second-order, birefringent interferometric filter for dynamic chirp management. Applied Optics, 2015, 54, 4104.	2.1	0
168	Special Issue "Microwave Photonics 2018" Applied Sciences (Switzerland), 2020, 10, 674.	2.5	0
169	Bioinspired Photonics: Camouflage Strategies from Marine Hatchetfish for Optical RF Steganography. , 2021, , .		0
170	Bio-Inspired Photonics and Microwave Photonics for Dynamic and Smart RF Systems. , 2021, , .		0
171	Multi-Pump Four-Wave Mixing in a Semiconductor Optical Amplifier for Wavelength Multicast of NRZ-DPSK Signals. , 2006, , .		0
172	18-nm, 10-GHz Continuously Wavelength-Tunable Pulse Generation by Compensated Dispersion Tuning in a Mode-Locked SOA Ring Laser. , 2008, , .		0
173	Optical Signal Processing with Delay-Asymmetric Nonlinear Loop Mirror. , 2009, , .		0
174	Bit-Rate Tunable Clock Recovery of NRZ-DPSK Signal Based on Delay-Asymmetric Nonlinear Loop Mirror and Stimulated Brillouin Scattering Loop. , 2010, , .		0
175	Improving Optical Steganography Transmission Privacy by Imposing Phase Masks on Stealth Signals. , 2010, , .		0
176	Polarization Insensitive Cross-Phase Modulation in 10.5-m Highly Ge-Doped Nonlinear Fiber. , 2011, , .		0
177	Broadband co-site and co-channel RF interference cancellation system. , 2014, , .		0
178	Microwave Photonics Mixer based on Polarization Rotation in Semiconductor Optical Amplifier. , 2015, , .		0
179	Wideband Dynamic Microwave Photonic Systems: From Photonics to Neuromorphic. , 2016, , .		0
180	Self-adaptive over-the-air RF self-interference cancellation based on signal-of-interest driven regular triangle algorithm. , 2020, , .		0

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181	Twining Plant Inspired Pneumatic Soft Robotic Spiral Gripper with High-Birefringence Fiber Optic Sensor. , 2020, , .		0
182	Adaptive Microwave Photonic Spectral Shaper for RF Response Tailoring. , 2020, , .		0
183	Adaptive and Dynamic RF Systems Enabled by Bio-Inspired Photonics and Microwave Photonics. , 2021, , .		0
184	Biomimicry in Microwave Photonic and Fiber Optic Sensors Embedded Soft Robotics. , 2022, , .		0