Jiejun Zhang

List of Publications by Year
in descending order

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390 papers	16,118 citations	18887 64 h-index	24511 114 g-index
395 all docs	395 docs citations	395 times ranked	6029 citing authors

#	Article	IF	Citations
1	UAV-Enabled Data Collection for Wireless Sensor Networks With Distributed Beamforming. IEEE Transactions on Wireless Communications, 2022, 21, 1347-1361.	6.1	21
2	Microwave Photonic Interrogation of a High-Speed and High-Resolution Multipoint Refractive Index Sensor. Journal of Lightwave Technology, 2022, 40, 1245-1251.	2.7	3
3	Photonic generation of a microwave waveform with an ultra-long temporal duration using a frequency-shifting dispersive loop. Optics Express, 2022, 30, 4737.	1.7	2
4	Cellular-Connected UAV With Adaptive Air-to-Ground Interference Cancellation and Trajectory Optimization. IEEE Communications Letters, 2022, 26, 1368-1372.	2.5	6
5	Wideband RWG-SIW Interconnection With Improved Integration for Millimeter-Wave/Terahertz Application. IEEE Microwave and Wireless Components Letters, 2022, 32, 835-838.	2.0	2
6	Injection-locked parity-time-symmetric optoelectronic oscillator with ultra-high sidemode suppression. , 2022, , .		0
7	Photonic Generation of a Windowed Phase-Coded Microwave Waveform With Suppressed Spectrum Sidelobes. Journal of Lightwave Technology, 2022, 40, 6813-6822.	2.7	5
8	A Microwave Photonic Link With Quadrupled Capacity Based on Coherent Detection and Digital Phase Noise Cancellation. Journal of Lightwave Technology, 2022, 40, 6845-6851.	2.7	2
9	Extremely Low-Profile Periodic 2-D Leaky-Wave Antenna: An Optimal Solution for Antenna-Frontend Integration. IEEE Transactions on Antennas and Propagation, 2022, 70, 7798-7812.	3.1	4
10	Single-mode narrow-linewidth fiber ring laser with SBS-assisted parity-time symmetry for mode selection. Optics Express, 2022, 30, 20809.	1.7	10
11	Silicon Photonic Integrated Fano Resonator With Increased Slope Rate for Microwave Signal Processing. Journal of Lightwave Technology, 2022, 40, 6911-6918.	2.7	1
12	Microwave Photonic Interrogation of a High-Speed and High-Resolution Temperature Sensor Based on Cascaded Fiber-Optic Sagnac Loops. Journal of Lightwave Technology, 2021, 39, 4041-4048.	2.7	7
13	Photonic Generation of Wideband Chirped Microwave Waveforms. IEEE Journal of Microwaves, 2021, 1, 787-803.	4.9	29
14	Broadband Instantaneous Multi-Frequency Measurement Based on a Fourier Domain Mode-Locked Laser. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4576-4583.	2.9	11
15	Secrecy Offloading Rate Maximization for Multi-Access Mobile Edge Computing Networks. IEEE Communications Letters, 2021, 25, 3800-3804.	2.5	10
16	A Parity-Time-Symmetric Optoelectronic Oscillator Based on Non-Reciprocal Electro-Optic Modulation. Journal of Lightwave Technology, 2021, 39, 2305-2310.	2.7	9
17	Microwave Photonic Sensors. Journal of Lightwave Technology, 2021, 39, 3626-3637.	2.7	42
18	Asymmetric Interference Cancellation for 5G Non-Public Network with Uplink-Downlink Spectrum Sharing. , 2021, , .		0

#	Article	IF	Citations
19	Low jitter microwave pulse train generation based on an optoelectronic oscillator. Optics Express, 2021, 29, 33491.	1.7	2
20	Microwave Photonic Link With Improved Dynamic Range for Long-Haul Multi-Octave Applications. Journal of Lightwave Technology, 2021, 39, 7915-7924.	2.7	3
21	A High Spectral Efficiency Radio Over Fiber Link Based on Coherent Detection and Digital Phase Noise Cancellation. Journal of Lightwave Technology, 2021, 39, 6443-6449.	2.7	9
22	Quantum-Dot Multi-Wavelength Lasers for Millimeter Wave Generation and Transmission. , 2021, , .		0
23	All-Optical Windowed Binary Phase-Coded Microwave Waveform Generation. , 2021, , .		1
24	Microwave Chaotic Signal Generation Based on an Optoelectronic Oscillator With Randomly Distributed Feedbacks. , 2021, , .		0
25	Low Time Jitter Microwave Pulse Train Generation Based on an Optoelectronic Oscillator. , 2021, , .		1
26	Radio Over Fiber Links With Increased Spectral Efficiency Based on Coherent Detection and Digital Processing. , 2021, , .		1
27	Photonic-Assisted RF Self-Interference Cancellation With Improved Spectrum Efficiency and Fiber Transmission Capability. Journal of Lightwave Technology, 2020, 38, 761-768.	2.7	31
28	Fully Reconfigurable Waveguide Bragg Gratings for Programmable Photonic Signal Processing. Journal of Lightwave Technology, 2020, 38, 202-214.	2.7	12
29	High-Speed and High-Resolution Microwave Photonic Interrogation of a Fiber-Optic Refractometer With Plasmonic Spectral Comb. Journal of Lightwave Technology, 2020, 38, 2073-2080.	2.7	7
30	Hybrid Frequency-Tunable Parity-Time Symmetric Optoelectronic Oscillator. Journal of Lightwave Technology, 2020, 38, 2127-2133.	2.7	33
31	Polarimetric parity-time symmetry in a photonic system. Light: Science and Applications, 2020, 9, 169.	7.7	37
32	Frequency-Tunable Parity-Time-Symmetric Optoelectronic Oscillator Using a Polarization-Dependent Sagnac Loop. Journal of Lightwave Technology, 2020, 38, 5327-5332.	2.7	19
33	Hybrid Fourier-domain mode-locked laser for ultra-wideband linearly chirped microwave waveform generation. Nature Communications, 2020, 11, 3814.	5.8	42
34	Joint 3D Maneuver and Power Adaptation for Secure UAV Communication With CoMP Reception. IEEE Transactions on Wireless Communications, 2020, 19, 6992-7006.	6.1	33
35	Outage Probability Minimization for UAV-Enabled Data Collection with Distributed Beamforming. , 2020, , .		2
36	Passband-Switchable and Frequency-Tunable Dual-Passband Microwave Photonic Filter. Journal of Lightwave Technology, 2020, 38, 5333-5338.	2.7	5

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37	Truly Distributed and Ultra-Fast Microwave Photonic Fiber-Optic Sensor. Journal of Lightwave Technology, 2020, , 1-1.	2.7	5
38	Parity-time symmetry in a single-loop photonic system. Journal of Lightwave Technology, 2020, , 1-1.	2.7	8
39	Parity-time symmetry in wavelength space within a single spatial resonator. Nature Communications, 2020, 11, 3217.	5.8	53
40	Photonic-Assisted Regenerative Microwave Frequency Divider With a Tunable Division Factor. Journal of Lightwave Technology, 2020, 38, 5509-5516.	2.7	9
41	On-Chip 4Ã—10 GBaud/s Mode-Division Multiplexed PAM-4 Signal Transmission. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-8.	1.9	3
42	Photonic integrated field-programmable disk array signal processor. Nature Communications, 2020, 11, 406.	5.8	70
43	Recent advances in optoelectronic oscillators. Advanced Photonics, 2020, 2, 1.	6.2	83
44	Parityâ€“time-symmetric frequency-tunable optoelectronic oscillator with a single dual-polarization optical loop. Optics Letters, 2020, 45, 3139.	1.7	23
45	Frequency-tunable parity-time-symmetric optoelectronic oscillator using a polarization-dependent Sagnac loop. , 2020, , .		1
46	A single-loop PT-symmetric sub-kHz fiber laser based on an integrated microdisk resonator. , 2020, , .		1
47	A Parity-Time-Symmetric Optoelectronic Oscillator Based on Non-Reciprocal Electro-Optic Modulation. , 2020, , .		1
48	In-Fiber Nonreciprocal Light Transmission Based on Parity-Time Symmetry With Coupled Fabry-Perot Resonators. , 2020, , .		0
49	Parity-time-symmetric system in photonic parameter space for high-quality signal generation. , 2020, , .		0
50	Time-Delay Signature Suppressed Microwave Chaotic Signal Generation Based on an Optoelectronic Oscillator Incorporating a Randomly Sampled Fiber Bragg Grating. , 2020, , .		2
51	Exploiting Physical-Layer Security for Multiuser Multicarrier Computation Offloading. IEEE Wireless Communications Letters, 2019, 8, 9-12.	3.2	67
52	A Multi-Antenna GNSS-Over-Fiber System for High Accuracy Three-Dimensional Baseline Measurement. Journal of Lightwave Technology, 2019, 37, 4201-4209.	2.7	8
53	Secrecy Transmission in Large-Scale UAV-Enabled Wireless Networks. IEEE Transactions on Communications, 2019, 67, 7656-7671.	4.9	20
54	Secrecy Transmission Capacity of Large-Scale UAV-Enabled Wireless Networks. , 2019, , .		5

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55	Microwave Photonic Based 1/n Frequency Divider. , 2019, , .		1
56	Wideband and Continuously Tunable Microwave Photonic Phase Shifter Based on an Active InP/InGaAsP Microring Resonator. , 2019, , .		3
57	Integrated microwave photonics. Nature Photonics, 2019, 13, 80-90.	15.6	722
58	A Multifunctional Photonic Integrated Circuit for Diverse Microwave Signal Generation, Transmission, and Processing. Laser and Photonics Reviews, 2019, 13, 1800240.	4.4	42
59	Simultaneous Multi-Frequency Phase-Coded Microwave Signal Generation at Six Different Frequencies Using a DP-BPSK Modulator. Journal of Lightwave Technology, 2019, 37, 2293-2299.	2.7	19
60	3D Trajectory Optimization for Secure UAV Communication with CoMP Reception. , 2019, , .		13
61	A Parity-Time-Symmetric Optoelectronic Oscillator Based on Dual-Wavelength Carriers in a Single Spatial Optoelectronic Loop. , 2019, , .		0
62	Widely Tunable Parity-Time-Symmetric Optoelectronic Oscillator Based on a Silicon Microdisk Resonator. , 2019, , .		6
63	Mode-Division Multiplexed PAM-4 Signal Transmission in a Silicon Photonic Chip. , 2019, , .		0
64	A Monolithically Integrated and Widely Tunable Silicon Photonic Microwave Photonic Filter. , 2019, , .		1
65	High-Sensitivity Instantaneous Microwave Frequency Measurement Based on a Silicon Photonic Integrated Fano Resonator. Journal of Lightwave Technology, 2019, 37, 2527-2533.	2.7	34
66	Secure UAV Communication With Cooperative Jamming and Trajectory Control. IEEE Communications Letters, 2019, 23, 286-289.	2.5	138
67	Electrically Programmable On-Chip Equivalent-Phase-Shifted Waveguide Bragg Grating on Silicon. Journal of Lightwave Technology, 2019, 37, 314-322.	2.7	6
68	Microwave Photonic Link With Improved Dynamic Range Through <italic>Ï€</italic> Phase Shift of the Optical Carrier Band. Journal of Lightwave Technology, 2019, 37, 964-970.	2.7	19
69	Silicon photonic integrated circuits for microwave signal generation and processing. , 2019, , .		1
70	Microwave photonics for 5G. , 2019, , .		4
71	Tunable single-longitudinal-mode laser based on polarimetric PT symmetry. , 2019, , .		1
72	High dynamic range and wavelength-reused bidirectional radio-over-fiber link. Optics Letters, 2019, 44, 1331.	1.7	7

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73	Real-time and high-precision interrogation of a linearly chirped fiber Bragg grating sensor array based on dispersive time delay and optical pulse compression. Optics Letters, 2019, 44, 3246.	1.7	9
74	High-speed and high-precision torsion sensor based on polarization-induced microwave photonic phase shift measurement. Optics Letters, 2019, 44, 3462.	1.7	3
75	A fully reconfigurable waveguide Bragg grating for programmable photonic signal processing. Nature Communications, 2018, 9, 1396.	5.8	101
76	Broadband Photonic Microwave Signal Processor With Frequency Up/Down Conversion and Phase Shifting Capability. IEEE Photonics Journal, 2018, 10, 1-12.	1.0	20
77	Integrated Multi-Channel Millimeter Wave Photonic Generation Based on A Silicon Chip with Automated Polarization Control. , 2018, , .		2
78	Tunable Silicon Photonic RF Phase Shifter With Low RF Power Variation Based on Constructive Interference of an Add-Drop Ring Resonator. IEEE Photonics Journal, 2018, 10, 1-8.	1.0	15
79	Programmable On-Chip Photonic Signal Processor Based on a Microdisk Resonator Array. , 2018, , .		1
80	High-Speed and High-Resolution Interrogation of a Strain and Temperature Random Grating Sensor. Journal of Lightwave Technology, 2018, 36, 5587-5592.	2.7	16
81	Optical dynamic memory based on an integrated active ring resonator. Optics Letters, 2018, 43, 4687.	1.7	7
82	Guest Editorial: Microwave Photonics. Journal of Lightwave Technology, 2018, 36, 4216-4218.	2.7	0
83	A special issue on Photonics Research in Canada. Frontiers of Optoelectronics, 2018, 11, 105-106.	1.9	0
84	On-chip silicon photonic integrated frequency-tunable bandpass microwave photonic filter. Optics Letters, 2018, 43, 3622.	1.7	57
85	On-Chip Sensor for Simultaneous Temperature and Refractive Index Measurements Based on a Dual-Passband Microwave Photonic Filter. Journal of Lightwave Technology, 2018, 36, 4099-4105.	2.7	20
86	Silicon Photonic Integrated Optoelectronic Oscillator for Frequency-Tunable Microwave Generation. Journal of Lightwave Technology, 2018, 36, 4655-4663.	2.7	79
87	Breaking the limitation of mode building time in an optoelectronic oscillator. Nature Communications, 2018, 9, 1839.	5.8	140
88	High-Speed and High-Resolution Interrogation of a Silicon Photonic Microdisk Sensor Based on Microwave Photonic Filtering. Journal of Lightwave Technology, 2018, 36, 4243-4249.	2.7	25
89	Parity-timeâ€“symmetric optoelectronic oscillator. Science Advances, 2018, 4, eaar6782.	4.7	109
90	Photonic Generation of Pseudo Random Microwave Waveform Based on a Random Fiber Grating. , 2018, , .		3

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91	Optoelectronic Oscillators for High Speed and High Resolution Optical Sensing. Journal of Lightwave Technology, 2017, 35, 3489-3497.	2.7	108
92	High-resolution and temperature-compensational HER2 antigen detection based on microwave photonic interrogation. Sensors and Actuators B: Chemical, 2017, 245, 583-589.	4.0	34
93	Broadband Microwave Signal Processing Based on Photonic Dispersive Delay Lines. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1891-1903.	2.9	22
94	An integrated parity-time symmetric wavelength-tunable single-mode microring laser. Nature Communications, 2017, 8, 15389.	5.8	102
95	Wavelength Reuse in an RoF Link Based on CS-DSB, Coherent Detection and DSP. IEEE Photonics Technology Letters, 2017, 29, 975-978.	1.3	5
96	Photonics-Based Wideband Microwave Phase Shifter. IEEE Photonics Journal, 2017, 9, 1-10.	1.0	7
97	Data Rate Quadrupled Coherent Microwave Photonic Link. IEEE Photonics Technology Letters, 2017, 29, 1071-1074.	1.3	9
98	Silicon-Based Integrated Tunable Fractional Order Photonic Temporal Differentiators. Journal of Lightwave Technology, 2017, 35, 2487-2493.	2.7	11
99	Dual-frequency Optoelectronic Oscillator for Thermal-Insensitive Interrogation of a FBG Strain Sensor. IEEE Photonics Technology Letters, 2017, 29, 357-360.	1.3	43
100	Photonic Generation of a Phase-Coded Chirp Microwave Waveform With Increased TBWP. IEEE Photonics Technology Letters, 2017, 29, 1420-1423.	1.3	29
101	Photonics-Based Broadband Microwave Measurement. Journal of Lightwave Technology, 2017, 35, 3498-3513.	2.7	207
102	Photonic integrated circuits for microwave photonics. , 2017, , .		4
103	A silicon photonic integrated frequency-tunable optoelectronic oscillator. , 2017, , .		9
104	A silicon photonic integrated frequency-tunable microwave photonic bandpass filter. , 2017, , .		5
105	Two Microwave Vector Signal Transmission on a Single Optical Carrier Based on PM-IM Conversion Using an On-chip Optical Hilbert Transformer. Journal of Lightwave Technology, 2017, , 1-1.	2.7	5
106	Silicon-Based Single-Mode On-Chip Ultracompact Microdisk Resonators With Standard Silicon Photonics Foundry Process. Journal of Lightwave Technology, 2017, 35, 4418-4424.	2.7	14
107	High speed and high resolution interrogation of a fiber Bragg grating sensor based on microwave photonic filtering and chirped microwave pulse compression. Optics Letters, 2016, 41, 4859.	1.7	24
108	A Wavelength Tunable Optical Buffer Based on Self-Pulsation in an Active Microring Resonator. Journal of Lightwave Technology, 2016, 34, 3466-3472.	2.7	12

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109	Silicon-Based On-Chip Electrically-Tunable Spectral Shaper for Continuously Tunable Linearly Chirped Microwave Waveform Generation. Journal of Lightwave Technology, 2016, 34, 4664-4672.	2.7	39
110	An Optoelectronic Oscillator for High Sensitivity Temperature Sensing. IEEE Photonics Technology Letters, 2016, 28, 1458-1461.	1.3	62
111	A Photonic Approach to Linearly Chirped Microwave Waveform Generation With an Extended Temporal Duration. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 1947-1953.	2.9	10
112	Photonic-Assisted Microwave Temporal Convolution. Journal of Lightwave Technology, 2016, 34, 4652-4657.	2.7	7
113	Photonic True-Time Delay Beamforming Using a Switch-Controlled Wavelength-Dependent Recirculating Loop. Journal of Lightwave Technology, 2016, 34, 3923-3929.	2.7	44
114	Photonics for microwave measurements. Laser and Photonics Reviews, 2016, 10, 711-734.	4.4	261
115	A Microwave Photonic Signal Processor for Arbitrary Microwave Waveform Generation and Pulse Compression. Journal of Lightwave Technology, 2016, 34, 5610-5615.	2.7	12
116	Reconfigurable Optical Signal Processing Based on a Distributed Feedback Semiconductor Optical Amplifier. Scientific Reports, 2016, 6, 19985.	1.6	19
117	Wavelength Reuse in a Symmetrical Radio Over WDM-PON Based on Polarization Multiplexing and Coherent Detection. Journal of Lightwave Technology, 2016, 34, 1150-1157.	2.7	20
118	A fully reconfigurable photonic integrated signal processor. Nature Photonics, 2016, 10, 190-195.	15.6	329
119	Silicon-Based Integrated Microwave Photonics. IEEE Journal of Quantum Electronics, 2016, 52, 1-12.	1.0	85
120	Tunable Single Bandpass Microwave Photonic Filter With an Improved Dynamic Range. IEEE Photonics Technology Letters, 2016, 28, 11-14.	1.3	35
121	Coherent microwave photonic link based on optical orthogonal modulation with phase noise cancellation for 2Ã—2 MIMO. , 2016, , .		3
122	A photonic integrated microwave waveform generator for linearly chirped microwave waveform generation. , 2016, , .		1
123	Silicon-based on-chip electrically tunable phase-shifted waveguide Bragg grating for integrated microwave photonic applications. , 2016, , .		0
124	Microwave Photonics for High-Resolution and High-Speed Interrogation of Fiber Bragg Grating Sensors. Fiber and Integrated Optics, 2015, 34, 204-216.	1.7	55
125	A bandstop microwave photonic delay-line filter with both tunable stop-band rejection ratio and tunable frequency. , 2015, , .		1
126	Dynamic-Range Enhancement for a Microwave Photonic Link Based on a Polarization Modulator. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2384-2389.	2.9	8

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127	Dual-Chirp Microwave Waveform Generation Using a Dual-Parallel Mach-Zehnder Modulator. IEEE Photonics Technology Letters, 2015, 27, 1410-1413.	1.3	95
128	Interrogation of a linearly chirped fiber Bragg grating sensor with high resolution using a linearly chirped optical waveform. Optics Letters, 2015, 40, 4923.	1.7	27
129	All-optical signal processing based on semiconductor lasers under lasing condition. , 2015, , .		0
130	Wavelength Reuse in a Symmetrical Radio Over WDM-PON Based on Polarization Multiplexing and Coherent Detection With Digital Phase Noise Cancellation. , 2015, , .		0
131	Optically tunable single passband microwave photonic filter based on phase-modulation to intensity-modulation conversion in a silicon-on-insulator microring resonator. , 2015, , .		7
132	Photonic generation of linearly chirped microwave waveform with a large time-bandwidth product using a silicon-based on-chip spectral shaper. , 2015, , .		6
133	Photonic generation of a linearly chirped microwave waveform with a large time-bandwidth product based on self-heterodyne technique. , 2015, , .		19
134	Ultrafast Three-Dimensional Serial Time-Encoded Imaging With High Vertical Resolution. Journal of Lightwave Technology, 2015, 33, 4622-4626.	2.7	2
135	High-Speed Spiking and Bursting Oscillations in a Long-Delayed Broadband Optoelectronic Oscillator. Journal of Lightwave Technology, 2015, 33, 503-510.	2.7	20
136	Ultrafast Surface Imaging With an Increased Spatial Resolution Based on Polarization-Division Multiplexing. Journal of Lightwave Technology, 2015, 33, 396-402.	2.7	17
137	Photonics to the Rescue: A Fresh Look at Microwave Photonic Filters. IEEE Microwave Magazine, 2015, 16, 46-60.	0.7	104
138	Frequency- and Notch-Depth-Tunable Single-Notch Microwave Photonic Filter. IEEE Photonics Technology Letters, 2015, 27, 2063-2066.	1.3	29
139	A High Spectral Efficiency Coherent Microwave Photonic Link Employing Both Amplitude and Phase Modulation With Digital Phase Noise Cancellation. Journal of Lightwave Technology, 2015, , 1-1.	2.7	40
140	Frequency Tunable Continuous THz Wave Generation in a Periodically Poled Fiber. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 470-477.	2.0	3
141	Millimeter-Wave Vector Signal Generation Based on a Bi-Directional Use of a Polarization Modulator in a Sagnac Loop. Journal of Lightwave Technology, 2015, 33, 251-257.	2.7	26
142	Photonic generation of a linearly chirped microwave waveform with long temporal duration using a dispersive loop. , 2015, , .		5
143	Bandstop-to-Bandpass Microwave Photonic Filter Using a Phase-Shifted Fiber Bragg Grating. Journal of Lightwave Technology, 2015, 33, 5133-5139.	2.7	50
144	Tunable Dual-Passband Microwave Photonic Filter Using Orthogonal Polarization Modulation. IEEE Photonics Technology Letters, 2015, 27, 2209-2212.	1.3	17

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145	Ultrafast Three-Dimensional Surface Imaging Based on Short-Time Fourier Transform. IEEE Photonics Technology Letters, 2015, 27, 2264-2267.	1.3	19
146	A Phase-Modulated Microwave Photonic Link With an Extended Transmission Distance. IEEE Photonics Technology Letters, 2015, 27, 2563-2566.	1.3	17
147	Photonic analog signal operators. , 2015, , .		0
148	Broadband and Precise Microwave Time Reversal Using a Single Linearly Chirped Fiber Bragg Grating. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2166-2172.	2.9	11
149	Photonic Generation of Linearly Chirped Microwave Waveforms Using a Silicon-Based On-Chip Spectral Shaper Incorporating Two Linearly Chirped Waveguide Bragg Gratings. Journal of Lightwave Technology, 2015, 33, 5047-5054.	2.7	38
150	Independently Tunable Multichannel Fractional-Order Temporal Differentiator Based on a Silicon-Photonic Symmetric Machâ€“Zehnder Interferometer Incorporating Cascaded Microring Resonators. Journal of Lightwave Technology, 2015, 33, 361-367.	2.7	17
151	Optical Differentiator Based on an Integrated Sidewall Phase-Shifted Bragg Grating. IEEE Photonics Technology Letters, 2014, 26, 2383-2386.	1.3	29
152	Recent progresses on optical arbitrary waveform generation. Frontiers of Optoelectronics, 2014, 7, 359-375.	1.9	25
153	Broadband and precise microwave time reversal using a single linearly chirped fiber Bragg grating. , 2014, , .		4
154	Largely chirped microwave waveform generation using a silicon-based on-chip optical spectral shaper. , 2014, , .		9
155	A coherent microwave photonic link With digital phase noise cancellation. , 2014, , .		6
156	Ultra-wideband microwave photonic phase shifter with a 360Â° tunable phase shift based on an erbium-ytterbium co-doped linearly chirped FBG. Optics Letters, 2014, 39, 922.	1.7	33
157	Time-stretched sampling of a fast microwave waveform based on the repetitive use of a linearly chirped fiber Bragg grating in a dispersive loop. Optica, 2014, 1, 64.	4.8	38
158	A Dual-Wavelength Fiber Ring Laser Incorporating an Injection-Coupled Optoelectronic Oscillator and Its Application to Transverse Load Sensing. Journal of Lightwave Technology, 2014, 32, 1784-1793.	2.7	93
159	Wavelength Reuse in a UWB Over WDM-PON Based on Injection Locking of a Fabryâ€“PÃ©rot Laser Diode and Polarization Multiplexing. Journal of Lightwave Technology, 2014, 32, 220-227.	2.7	18
160	A Photonic Temporal Integrator With an Ultra-Long Integration Time Window Based on an InP-InGaAsP Integrated Ring Resonator. Journal of Lightwave Technology, 2014, 32, 3654-3659.	2.7	28
161	Photonic Generation of Microwave Waveforms Based on a Polarization Modulator in a Sagnac Loop. Journal of Lightwave Technology, 2014, 32, 3637-3644.	2.7	72
162	Tunable Optoelectronic Oscillator Incorporating a Single Passband Microwave Photonic Filter. IEEE Photonics Technology Letters, 2014, 26, 326-329.	1.3	62

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163	Stable and Frequency-Hopping-Free Microwave Generation Based on a Mutually Injection-Locked Optoelectronic Oscillator and a Dual-Wavelength Single-Longitudinal-Mode Fiber Laser. Journal of Lightwave Technology, 2014, 32, 4174-4179.	2.7	6
164	Digital Phase Noise Cancellation for a Coherent-Detection Microwave Photonic Link. IEEE Photonics Technology Letters, 2014, 26, 805-808.	1.3	23
165	Microwave vector signal transmission over an optical fiber based on IQ modulation and coherent detection. Optics Letters, 2014, 39, 1509.	1.7	35
166	Generation of Linearly Chirped Microwave Waveform With an Increased Time-Bandwidth Product Based on a Tunable Optoelectronic Oscillator and a Recirculating Phase Modulation Loop. Journal of Lightwave Technology, 2014, 32, 3573-3579.	2.7	116
167	Microwave Photonic Filter With Two Independently Tunable Passbands Using a Phase Modulator and an Equivalent Phase-Shifted Fiber Bragg Grating. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 380-387.	2.9	47
168	Ultrawideband RF Photonic Phase Shifter Using Two Cascaded Polarization Modulators. IEEE Photonics Technology Letters, 2014, 26, 911-914.	1.3	13
169	Microwave Photonic Hilbert Transformer Based on a Single Passband Microwave Photonic Filter for Simultaneous Channel Selection and Signal Processing. Journal of Lightwave Technology, 2014, 32, 2996-3001.	2.7	5
170	Frequency-Multiplying Optoelectronic Oscillator With a Tunable Multiplication Factor. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3479-3485.	2.9	25
171	Photonic-Assisted Microwave Channelizer With Improved Channel Characteristics Based on Spectrum-Controlled Stimulated Brillouin Scattering. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3470-3478.	2.9	83
172	Tunable Optical Frequency Comb Generation Based on an Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2013, 25, 2035-2038.	1.3	45
173	Echelle Diffractive Grating Based Wavelength Interrogator for Potential Aerospace Applications. Journal of Lightwave Technology, 2013, 31, 2099-2105.	2.7	13
174	Advanced DSP technique for dynamic range improvement of a phase-modulation and coherent-detection microwave photonic link. , 2013, , .		11
175	Microfiber Fabryâ€“Perot Interferometer for Dual-Parameter Sensing. Journal of Lightwave Technology, 2013, 31, 1608-1615.	2.7	30
176	Millimeter-Wave and UWB Over a Colorless WDM-PON Based on Polarization Multiplexing Using a Polarization Modulator. Journal of Lightwave Technology, 2013, 31, 2742-2751.	2.7	24
177	Wavelength Reuse in a UWB Over Fiber System Based on Phase-Modulation to Intensity-Modulation Conversion and Destructive Interferencing. Journal of Lightwave Technology, 2013, 31, 2904-2912.	2.7	13
178	Frequency- and Phase-Tunable Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2013, 25, 1011-1013.	1.3	18
179	Photonic Generation of a Phase-Coded Microwave Waveform With Ultrawide Frequency Tunable Range. IEEE Photonics Technology Letters, 2013, 25, 899-902.	1.3	27
180	Microwave Photonic Link With Improved Dynamic Range Using a Polarization Modulator. IEEE Photonics Technology Letters, 2013, 25, 1373-1376.	1.3	33

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